

SOLICITATION / CONTRACT / ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NUMBER
 PAGE 1 OF 3

2. CONTRACT NO. D11PC30340
 3. AWARD/EFFECTIVE DATE 6/27/2011
 4. ORDER NUMBER
 5. SOLICITATION NUMBER D11PS0177
 6. SOLICITATION ISSUE DATE 10/06/2010

7. FOR SOLICITATION INFORMATION CALL:
 a. NAME MICHAEL MCFARLANE
 b. TELEPHONE NUMBER (No collect calls) (208) 433-6027 ext.
 8. OFFER DUE DATE/ 11/29/2010 LOCAL TIME 2:00 pm

9. ISSUED BY
 CODE 0000
 NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH
 300 E. MALLARD DR., STE 200
 BOISE, ID 83706-3991
 TEL: (208) 433-5020 ext.
 FAX: (208) 433-5030 ext.

10. THIS ACQUISITION IS
 UNRESTRICTED
 SET ASIDE: 0.00% FOR
 SMALL BUSINESS
 HUBZONE SMALL BUSINESS
 8(A)
 NAICS: 481211
 SIZE STANDARD

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
 SEE SCHEDULE

12. DISCOUNT TERMS
 10 days %
 20 days %
 30 days %
 days %

13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (16 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION
 RFP IFB RFP

15. DELIVER TO
 CODE sect
 DESIGNATED BASE
 SEE CONTRACT SECTION A
 Attn: DESIGNATED COR

16. ADMINISTERED BY
 CODE 00080
 NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH
 300 E. MALLARD DR., STE 200
 BOISE, ID 83706-3991

17a. CONTRACTOR/OFFEROR
 CODE FACILITY CODE
 Kenn Borek Air, Ltd.
 290 McTavish Rd NE
 Calgary, Alberta, Canada
 TELEPHONE NO. (403) 291-2200

18a. PAYMENT WILL BE MADE BY
 CODE 00080
 NATIONAL BUSINESS CENTER
 Office of the Secretary - Attn D-2770, 7301 W Mansfield Ave
 Denver, CO 80235-2230

17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
(Use Reverse and/or Attach Additional Sheets as Necessary)					

25. ACCOUNTING AND APPROPRIATION DATA
 2011.WI.6782.252L.NONFT.466A24.IB: \$1.00


26. TOTAL AWARD AMOUNT
 Estimated: (b) (4)


27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA ARE ARE NOT ATTACHED

27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-6 IS ATTACHED. ADDENDA ARE ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REF. OFFER
 DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR


31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)


30b. NAME AND TITLE OF SIGNER (Type or print)
 John Harmer President

30c. DATE SIGNED
 June 27, 2011

31b. NAME OF CONTRACTING OFFICER (Type or print)
 MICHAEL MCFARLANE

31c. DATE SIGNED
 6/27/2011

18. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
--	-----------	---

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
--	--------------------	---------------------------------	--	------------------

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (Print)
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE
	42b. RECEIVED AT (Location)
	42c. DATE REC'D (YY/MMDD)
	42d. TOTAL CONTAINERS

Line Item Summary

Document Number

D11PC30340

Title

NSF FW Antarctica

Page

3 of 3

Total Funding: \$1.00

FYs	Fund	Budget Org	Sub	Object Class	Sub	Program	Cost Org	Sub	Proj/Job No.	Sub	Reporting Category
2011	WI	6782		252L		NONFT			466A24		IB
Division	Closed FYs		Cancelled Fund								

Line Item Number	Description	Delivery Date (Start Date to End Date)	Quantity	Unit of Issue	Unit Price	Total Cost (Includes Discounts)
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0001			1.00	EA	\$1.000	\$ 1.00
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Funding Information:

2011 - - WI - 6782 - - 252L - - NONFT - - - 466A24 - - IB - - - -
\$1.00

Total Cost: \$1.00

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SECTION A – REQUIREMENTS AND PRICING

A1 SCHEDULE OF ITEMS

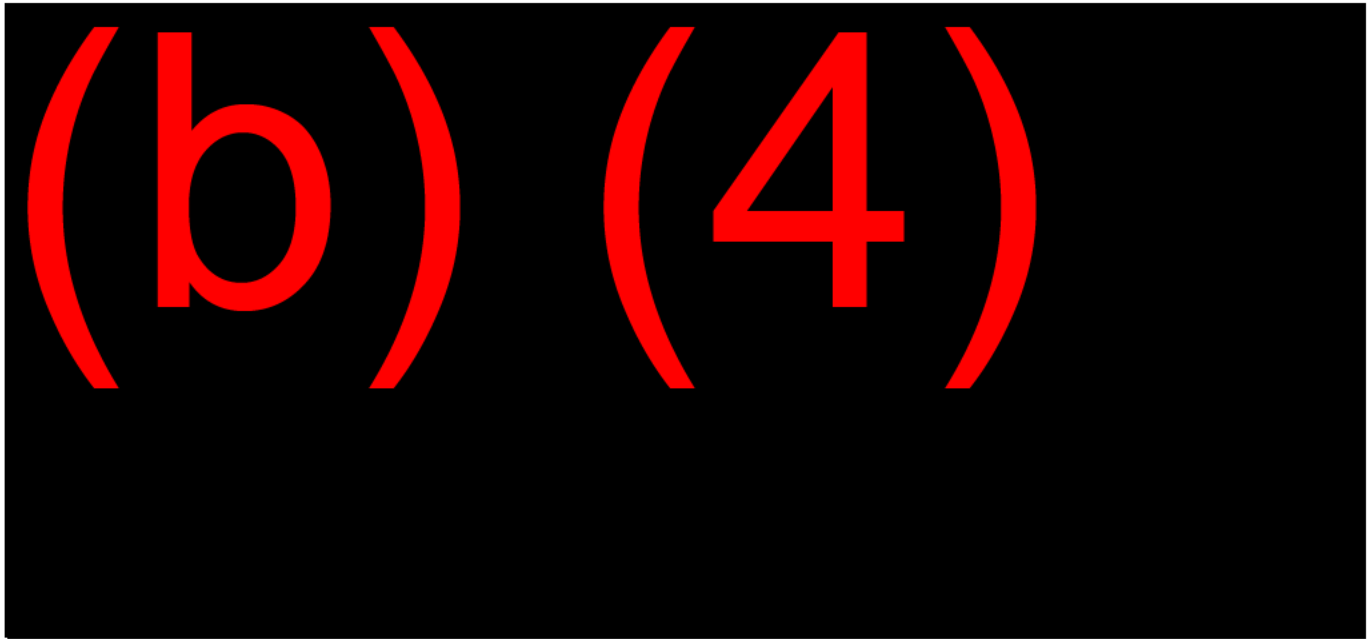
SCHEDULE A – CONTRACT LINE ITEM NUMBERS (A-CLINs)

CLIN A1 - (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A1 PRICING YEAR 1

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

*Can be ordered-up in one day increments, in accordance with paragraph C27.

SECTION A – REQUIREMENTS AND PRICING

YEAR 2

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

YEAR 3

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

YEAR 4

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

YEAR 5

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A2 – (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A2 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A3 – (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

Minimum Aircraft Requirements



CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.db	Flight Hours	FT		FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3 (b) (4)

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A4 (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) use. Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) aircraft equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.a	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A5 - (b) (4) - "ON CALL"

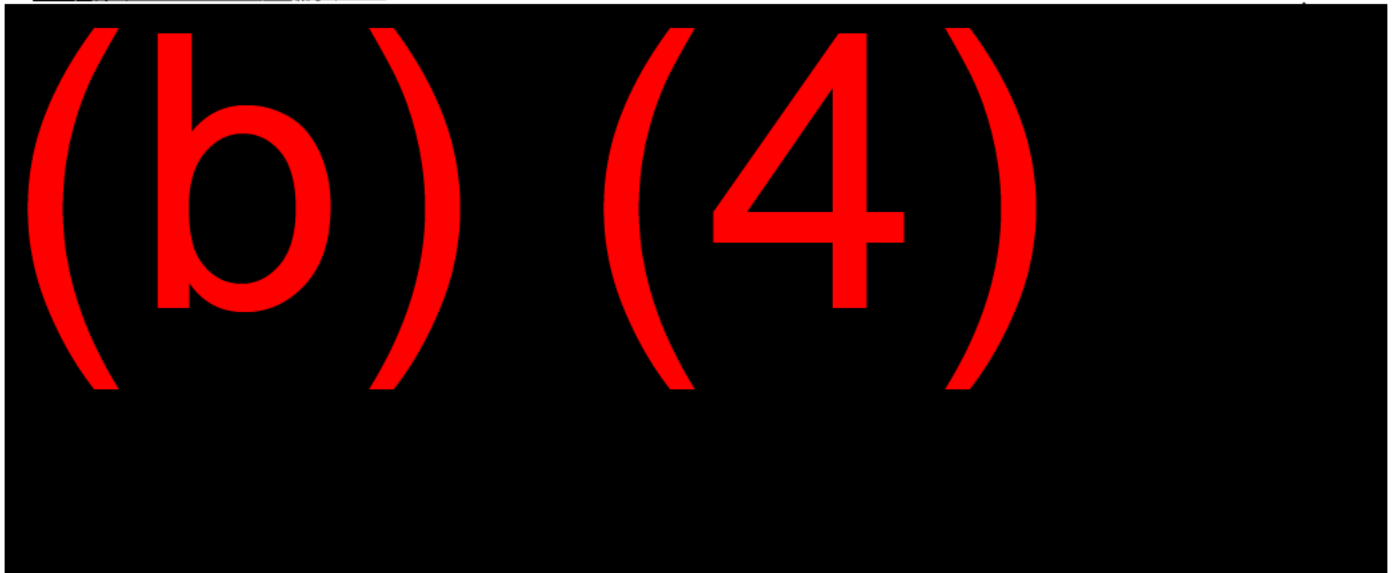
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 3 – ESTIMATED TOTAL 2015						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

SECTION A – REQUIREMENTS AND PRICING

CLIN A6 - (b) (4) - "ON CALL"

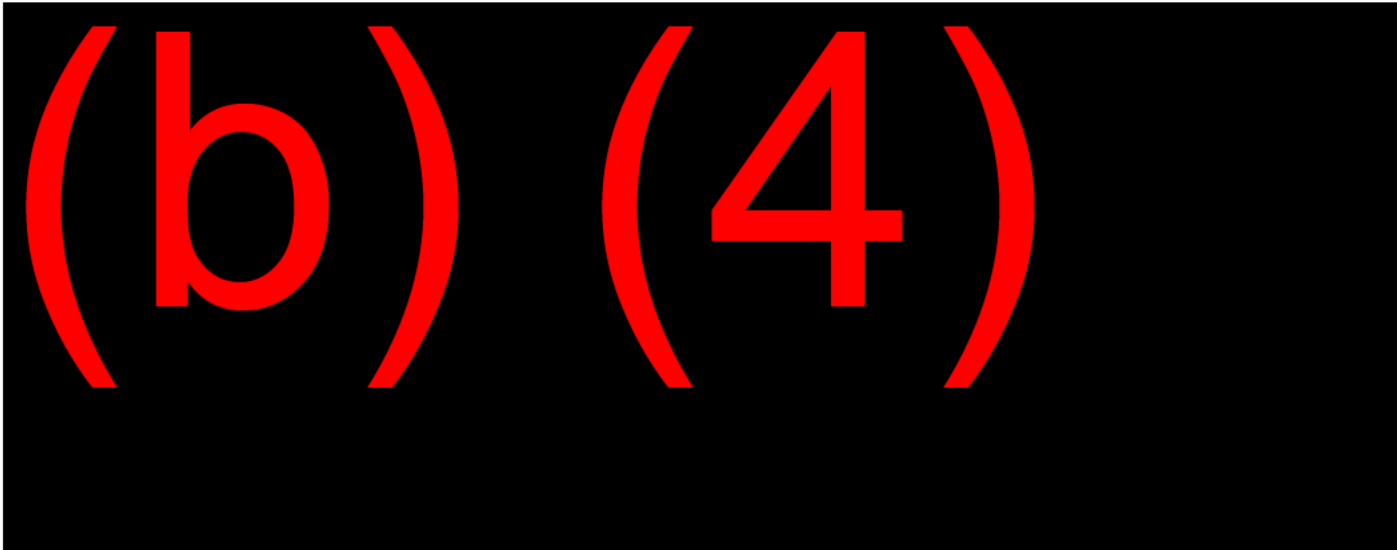
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

SECTION A – REQUIREMENTS AND PRICING

CLIN A7 - (b) (4) "ON CALL" – Mutual Agreement

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability 61-90 DAYS	AV		DAYS		
A7.ag	Daily Availability >90 DAYS	AV		DAYS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability 61-90 DAYS	AV		DAYS		
A7.bg	Daily Availability >90 DAYS	AV		DAYS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability 61-90 DAYS	AV		DAYS		
A7.cg	Daily Availability >90 DAYS	AV		DAYS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability 61-90 DAYS	AV		DAYS		
A7.dg	Daily Availability >90 DAYS	AV		DAYS		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.ef	Daily Availability 61-90 DAYS	AV		DAYS		
A7.eg	Daily Availability >90 DAYS	AV		DAYS		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C7

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at anytime during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4) (2 person crews PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A8.aa	2011 Additional Crew (b) (4)	Flight P01	(b) (4)	DAYS	(b) (4)	(4)
A8.ab	2012 Additional Crew	Flight P01		DAYS		
A8.ac	2013 Additional Crew	Flight P01		DAYS		
A8.ad	2014 Additional Crew	Flight P01		DAYS		
A8.ae	2015 Additional Crew	Flight P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL FLIGHT CREW (b) (4) (2 person crew PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A9.aa	2011 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b) (4)	(4)
A9.ab	2012 Additional Flight Crew	P01		DAYS		
A9.ac	2013 Additional Flight Crew	P01		DAYS		
A9.ad	2014 Additional Flight Crew	P01		DAYS		
A9.ae	2015 Additional Flight Crew	P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS	(b) (4)	(4)
A10.ab	2012 Mechanic	MC		DAYS		
A10.ac	2013 Mechanic	MC		DAYS		
A10.ad	2014 Mechanic	MC		DAYS		
A10.ae	2015 Mechanic	MC		DAYS		

MECHANICS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A11.aa	2011 Apprentice Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS		
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	MC		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS	(b)	(4)
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

Shop Rates for Aircraft in Maintenance - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rate (b) (4)	TBD	(b) (4)	DAYS	(b) (4)	(4)
A13.ab	2012 Shop Rate	TBD		DAYS		
A13.ac	2013 Shop Rate	TBD		DAYS		
A13.ad	2014 Shop Rate	TBD		DAYS		
A13.ae	2015 Shop Rates	TBD		DAYS		

SHOP RATE (b) (4) – ESTIMATED TOTAL 5 YEARS

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rate (b) (4)	TBD	(b) (4)	DAYS	(b) (4)	(4)
A14.ab	2012 Shop Rate	TBD		DAYS		
A14.ac	2013 Shop Rate	TBD		DAYS		
A14.ad	2014 Shop Rate	TBD		DAYS		
A14.ae	2015 Shop Rates	TBD		DAYS		

SHOP RATE (b) (4) – ESTIMATED TOTAL 5 YEARS

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEM

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NUMBER
0040025207

PAGE OF
1 5

2. CONTRACT NO.
D12PC00113

3. AWARD/
EFFECTIVE DATE
09/01/2011

4. ORDER NUMBER

5. SOLICITATION NUMBER

6. SOLICITATION
ISSUE DATE

7. FOR SOLICITATION
INFORMATION CALL:

a. NAME
Michael Mcfarlane

b. TELEPHONE NUMBER (No collect calls)
208-433-5027

8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY

CODE D41

DOI, National Business Center, AQD
Division 4/ Branch 1
300 East Mallard Drive
Suite 200
Boise ID 83706

10. THIS ACQUISITION IS

UNRESTRICTED OR

SET ASIDE: 100.00% FOR:

SMALL BUSINESS

EMERGING SMALL
BUSINESS

NAICS: 481211

HUBZONE SMALL
BUSINESS

SOLE SOURCE

SIZE STANDARD:

1,500

SERVICE-DISABLED VETERAN-
OWNED SMALL BUSINESS

8(A)

11. DELIVERY FOR FOB DESTINA-
TION UNLESS BLOCK IS
MARKED

12. DISCOUNT TERMS

SEE SCHEDULE

13a. THIS CONTRACT IS A
RATED ORDER UNDER
DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION

RFP

IFB

RFP

15. DELIVER TO

CODE 0008351474

DOI AVIATION MGMT IT SYS DIV
300 E Mallard Dr Ste 200
Boise ID 83706-6648

16. ADMINISTERED BY

CODE D41

DOI, National Business Center, AQD
Suite 200
Division 4/ Branch 1
300 East Mallard Drive
Boise ID 83706

17a. CONTRACTOR/
OFFEROR

CODE 0071061255

FACILITY
CODE

BOREK, KENN AIR LTD
Attn: ATTN GOVERNMENT POC
290 MCTAVISH ROAD NE
CALGARY AB T2E 7G5

18a. PAYMENT WILL BE MADE BY

CODE D000 INV

Department of the Interior
National Business Center - Denver
Fiscal Services Branch, D2770
7301 W. Mansfield Ave
Denver CO 80235-2230

TELEPHONE NO. 000-000-0000

17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW
IS CHECKED SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
00010	ANTARCTIC FIXED WING PROGRAM Legacy Doc #: D11PC30340 Delivery: 09/30/2012 Period of Performance: 09/01/2011 to 08/30/2012 ANTARCTIC FIXED WING SUPPORT ITEM 1 (b) (4) Obligated Amount: (b) (4) Continued ... (Use Reverse and/or Attach Additional Sheets as Necessary)				(b) (4)

25. ACCOUNTING AND APPROPRIATION DATA

See schedule

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

\$2,450,749.00

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA

ARE ARE NOT ATTACHED.

27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA

ARE ARE NOT ATTACHED.

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN
COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER
ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL
SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN

29. AWARD OF CONTRACT REF. OFFER
DATED YOUR OFFER ON SOLICITATION (BLOCK 5),
INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH
HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)

FOR YOUR RECORDS
SIGNATURE & RETURN NOT REQUIRED

30b. NAME AND TITLE OF SIGNER (Type or print)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (Type or print)

31c. DATE SIGNED

Michael Mcfarlane

01/05/2012

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION IS NOT USABLE

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21 QUANTITY	22 UNIT	23 UNIT PRICE	24. AMOUNT
00020	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Unknown ANTARCTIC FIXED WING SUPPORT ANTARCTIC FIXED WING SUPPORT (b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Continued ...				(b) (4)

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE 32c. DATE 32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE 32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER 34. VOUCHER NUMBER 35. AMOUNT VERIFIED CORRECT FOR 36. PAYMENT 37. CHECK NUMBER
 PARTIAL FINAL COMPLETE PARTIAL FINAL

38. S/R ACCOUNT NUMBER 39. S/R VOUCHER NUMBER 40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT 42a. RECEIVED BY (Print)

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER 41c. DATE 42b. RECEIVED AT (Location)

42c. DATE REC'D (YY/MM/DD) 42d. TOTAL CONTAINERS

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00030	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p>				(b) (4)
00040	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p>				(b) (4)
00050	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p>				(b) (4)
00060	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113

PAGE 4 OF 5

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: 03 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 03 Funded: (b) (4)				
	Accounting Info: 04 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 04 Funded: (b) (4) FOB: Destination				
00070	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				
00080	ADDITIONAL CREW Obligated Amount: (b) (4)				(b) (4)
	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) Continued ...				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113

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5 5

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00090	FOB: Destination CARGO HANDLER Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				(b) (4)
00100	CAMERA WINDOWS (SC IN AMS) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination The total amount of award: \$2,450,749.00. The obligation for this award is shown in box 26.				(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

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1 of 1

2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 09/26/2011	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	CODE 00080	7. ADMINISTERED BY (If other than Item 6) NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	CODE 00080
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) KENN BOREK AIR LTD 290 MCTAVISH RD NE, CALGARY, ALBERTA, CANADA	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. D11PC30340
	(X) 10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
2011 - - WI - 6782 - - 252L - - NONFT - - - 466A24 - - IB - - - -

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

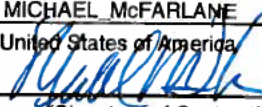
E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

A. Deobligate funds in the amount of \$1.00 from the contract.

B. Accounting information: 2011.WI.6782.252L.NONFT.466A24.IB

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MICHAEL McFARLANE
15B. CONTRACTOR/OFFEROR	16B. United States of America
15C. DATE SIGNED	16C. DATE SIGNED 9/24/2011
(Signature of person authorized to sign)	BY  (Signature of Contracting Officer)

Detail to Modification 0001 to Contract D11PC30340

A. Funds in the amount of (b) (4) are obligated to the contract for services described below.

B. Services are ordered as identified as follows:

CLIN A1: (b) (4) - Oct. 17, 2011 - Feb. 13, 2012

120 days of Availability ordered (b) (4); Not to Exceed 492 Flight Hours

CLIN A2: (b) (4) - Oct. 24, 2011 - Jan. 16, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A3: (b) (4) - Nov. 7, 2011 - Jan. 30, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A4: (b) (4) - Oct. 17, 2011 - Feb. 13, 2012

117 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A5: (b) (4) - Nov. 14, 2011 - Jan. 14, 2012

62 days of Availability; Not to Exceed 450 Flight Hours

CLIN A6: (b) (4) - Nov. 28, 2011 - Feb. 3, 2012

68 days of Availability; Not to Exceed 450 Flight Hours

CLIN A7: (b) (4) - Oct. 17, 2011 - Nov. 5, 2011

20 days of Availability; Not to Exceed 76.5 Flight Hours

Agreed upon rates for 2011/2012; Availability (b) (4)

Agreed upon Mobilization rate of (b) (4)

CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Oct. 31, 2011 (15 days)

Not to exceed (b) (4) per crewmember for deployment/redeployment costs

CLIN A12: Cargo Handler November 1, 2011 – February 11, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

- C. Rates and total estimated value for the season are attached.
- D. The limitation of the Government's liability is (b) (4) Additional funds are anticipated by September 15, 2011.
- E. The Total Estimated Value of the Contract is (b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
Page
1 of 3

2. AMENDMENT/MODIFICATION NO. 0003
3. EFFECTIVE DATE 09/22/2011
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)

6. ISSUED BY
NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH
300 E. MALLARD DR., STE 200
BOISE, ID 83706-3991

7. ADMINISTERED BY (If other than Item 6)
NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH
300 E. MALLARD DR., STE 200
BOISE, ID 83706-3991

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)

KENN BOREK AIR LTD
290 MCTAVISH RD NE, CALGARY, ALBERTA, CANADA

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. D11PC30340

(X) 10B. DATED (SEE ITEM 13)

CODE 1 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

2011 - WI - 6782 - 252L - NONFT - 466A24 - IB -

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- CHECK ONE
- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 - B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 - C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.212-4(c) Changes
 - D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
RE: Fixed Wing Services in Support of the National Science Foundation:

- A. The Contractor shall provide the following items as described in the attached quote for a price of (b) (4). Two (2) ready for installation (RFI) photographic optic quality windows, designed and manufactured in accordance with the FINAL approved OPS-11-11 design. The design shall be RFI for both the (b) (4) and (b) (4). Design details shall be in accordance with the attached drawing. Two (2) spare windows (blanks) produced to the following specifications: B-270 and a thickness of 3/8 inches (10MM).
- B. The contractor shall deliver the items above to McMurdo, Antarctica no later than November 1, 2011.
- C. Funds in the amount of (b) (4) are obligated for the work described.
- D. Change the end dates of the order issued with Modification 0001 by one day on each item. Updated order sheet attached. All dates of performance listed include dates for configuration and reconfiguration.
- E. The limitation of the Government's obligation is increased by (b) (4) from (b) (4) to (b) (4).
- F. The total estimated value of the contract is increased by (b) (4) from (b) (4) to (b) (4).

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
BRAND CROCKER OPS. MANAGER

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED
29 SEPT 2011

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
MICHAEL McFARLANE

16B. United States of America
BY (Signature of Contracting Officer)

16C. DATE SIGNED
9/29/2011

Detail to Modification 0001 to Contract D11PC30340

A. Funds in the amount of (b) (4) are obligated to the contract for services described below.

B. Services are ordered as identified as follows:

CLIN A1: (b) (4) - Oct. 17, 2011 - Feb. 13, 2012

120 days of Availability ordered (b) (4); Not to Exceed 492 Flight Hours

CLIN A2: (b) (4) - Oct. 24, 2011 - Jan. 16, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A3: (b) (4) - Nov. 7, 2011 - Jan. 30, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A4: (b) (4) - Oct. 17, 2011 - Feb. 13, 2012

117 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A5: (b) (4) - Nov. 14, 2011 - Jan. 14, 2012

62 days of Availability; Not to Exceed 450 Flight Hours

CLIN A6: (b) (4) - Nov. 28, 2011 - Feb. 3, 2012

68 days of Availability; Not to Exceed 450 Flight Hours

CLIN A7: (b) (4) - Oct. 17, 2011 - Nov. 5, 2011

20 days of Availability; Not to Exceed 76.5 Flight Hours

Agreed upon rates for 2011/2012; Availability (b) (4)

Agreed upon Mobilization rate of (b) (4)

CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Oct. 31, 2011 (15 days)

Not to exceed (b) (4) per crewmember for deployment/redeployment costs

CLIN A12: Cargo Handler November 1, 2011 – February 11, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

- C. Rates and total estimated value for the season are attached.
- D. The limitation of the Government's liability is (b) (4). Additional funds are anticipated by September 15, 2011.
- E. The Total Estimated Value of the Contract is (b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

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1 of 1

2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 09/21/2011	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	CODE 00080	7. ADMINISTERED BY (If other than Item 6) NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) KENN BOREK AIR LTD 290 MCTAVISH RD NE, CALGARY, ALBERTA, CANADA	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. D11PC30340
	(X) 10B. DATED (SEE ITEM 13)

CODE 1 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

2011 - - WI - 6782 - - 252L - - NONFT - - - 466A24 - - IB - - - -

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) C30 Limitation of the Government's Obligation

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
RE: Fixed Wing Services in Support of the National Science Foundation:

- A. Funds in the amount of (b) (4) are obligated to the contract to support ordered services through November 11, 2011.
- B. The limitation of the Government's obligation is increased by (b) (4) from (b) (4) to (b) (4)
- C. The total estimated value of the contract remains at (b) (4)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MICHAEL McFARLANE
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. United States of America BY  (Signature of Contracting Officer)
	16C. DATE SIGNED 9/21/2011

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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1 of 3

2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 08/25/2011	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	CODE 00080	7. ADMINISTERED BY (If other than Item 6) NBC, ACQUISITION SERVICES DIVISION, BOISE BRANCH 300 E. MALLARD DR., STE 200 BOISE, ID 83706-3991	CODE 00080
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) KENN BOREK AIR LTD 290 MCTAVISH RD NE,CALGARY, ALBERTA,CANADA	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	(X) 10A. MODIFICATION OF CONTRACT/ORDER NO. D11PC30340
	(X) 10B. DATED (SEE ITEM 13)

CODE 1 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

2011 - - WI - 6782 - - 252L - - NONFT - - - 466A24 - - IB - - - -

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.212-4(c) Chnages: Limitation of the Government's Obligation
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Attached Detailed Description to this Modification

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MICHAEL McFARLANE	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED SEPT 8, 2011	16B. United States of America BY	16C. DATE SIGNED 9/8/2011
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

Detail to Modification 0001 to Contract D11PC30340

A. Funds in the amount of (b) (4) are obligated to the contract for services described below.

B. Services are ordered as identified as follows:

CLIN A1: (b) (4) – Oct. 17, 2011 – Feb. 14, 2012

120 days of Availability ordered (b) (4); Not to Exceed 492 Flight Hours

CLIN A2: (b) (4) - Oct. 24, 2011 - Jan. 17, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A3: (b) (4) - Nov. 7, 2011 - Jan. 31, 2012

85 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A4: (b) (4) - Oct. 17, 2011 - Feb. 14, 2012

120 days of Availability ordered (b) (4); Not to Exceed 450 Flight Hours

CLIN A5: (b) (4) - Nov. 14, 2011 - Jan. 15, 2012

62 days of Availability; Not to Exceed 450 Flight Hours

CLIN A6: (b) (4) - Nov. 28, 2011 - Feb. 4, 2012

68 days of Availability; Not to Exceed 450 Flight Hours

CLIN A7: (b) (4) - Oct. 17, 2011 - Nov. 6, 2011

20 days of Availability; Not to Exceed 76.5 Flight Hours

Agreed upon rates for 2011/2012; Availability (b) (4)

Agreed upon Mobilization rate of (b) (4)

CLIN A9: Additional Crew Medium Utility - Oct. 17, 2011- Nov. 1, 2011 (15 days)

Not to exceed (b) (4) per crewmember for deployment/redeployment costs

CLIN A12: Cargo Handler November 1, 2011 – February 12, 2012 (103 days)

Not to exceed (b) (4) for deployment/redeployment costs

C. Rates and total estimated value for the season are attached.

D. The limitation of the Government's liability is (b) (4) Additional funds are anticipated by September 15, 2011.

E. The Total Estimated Value of the Contract is (b) (4)



United States Department of the Interior
National Business Center
Aviation Management
300 E. Mallard Dr., Ste 200
Boise, Idaho 83706-3991



In reply refer to:
September 14, 2012

Mr. John Harmer, President
Kenn Borek Air, Ltd.
290 McTavish Road, N.E.
Calgary, Alberta
Canada T2E 7G5

Subject: Contract D12PC00113, Fixed Wing Services in Support of the National Science Foundation, Antarctica

Dear Mr. Harmer:

In our letter of August 31, we exercised our option pursuant to paragraph C25 Option to Extend the Term of the Contract for the first option, second contract year, September 1, 2012 through August 31, 2013 and stated that a modification would follow. This letter transmits that executed modification.

In addition to exercising the option, the modification removes excess funding from the existing line items; reobligates those funds to this year's requirements plus some additional funding; details the total funding and reporting dates for this year's requirements (items 00260 thru 00310); directs one of the (b) (4) (b) (4) (item 00270) to initially report to Rothera vs McMurdo; and adjusts the unit prices as a result of the Economic Price Adjustment clause.

If you have questions, please contact Mike Willis at the above address or 208-433-5019.

Sincerely,

John Hedeem
Contracting Officer

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES	
			1	9
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 09/01/2012	4. REQUISITION/PURCHASE REQ. NO. 0040060737	5. PROJECT NO. (If applicable)	
6. ISSUED BY DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706	CODE D41	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
CODE 0071061255 FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	10B. DATED (SEE ITEM 13) 01/05/2012	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule		Net Increase:	\$1,470,986.51	
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.			
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
X	D. OTHER (Specify type of modification and authority) C25 Option to Extend, C30 Limitation of Government's Obligation, C31.2 Economic Price Adjustment			
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTIC FIXED WING PROGRAM A. The purpose of this modification is to exercise the option to extend the term of this contract for the first option, second contract year, September 1, 2012 through August 31, 2013. B. Funds in the amount of (b) (4) are deobligated from the base contract year line items ending on August 30, 2012. C. Funds in the amount of (b) (4) are obligated in accordance with C30 Limitation of Government's Obligation to the contract to provide flight services to approximately Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		John Hedeem		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED	
(Signature of person authorized to sign)		(Signature of Contracting Officer)		

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00010	<p>December 15, 2012.</p> <p>D. See the attached A1 Schedule of Items for the adjusted unit prices in accordance with C31.2 Economic Price Adjustment</p> <p>Period of Performance: 09/01/2011 to 08/31/2016</p> <p>Change Item 00010 to read as follows (amount shown is the obligated amount):</p> <p>ANTARCTIC FIXED WING SUPPORT</p> <p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Unknown</p>				(b) (4)
00020	<p>ANTARCTIC FIXED WING SUPPORT</p> <p>Change Item 00020 to read as follows (amount shown is the obligated amount):</p> <p>ANTARCTIC FIXED WING SUPPORT</p> <p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Change Item 00030 to read as follows (amount shown is the obligated amount):</p> <p>Continued ...</p>				(b) (4)

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00030	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Change Item 00050 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00050	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Change Item 00060 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00060	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 03 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 03 Funded: (b) (4)</p> <p>Accounting Info: 04 Account Assignment: K G/L Account: 6100.252L0 Continued ...</p>				(b) (4)

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NAME OF OFFEROR OR CONTRACTOR

BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00070	Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCOA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 04 Funded: (b) (4) FOB: Destination Change Item 00070 to read as follows (amount shown is the obligated amount): (b) (4) Obligated Amount: (b) (4)				(b) (4)
00080	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCOA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Change Item 00080 to read as follows (amount shown is the obligated amount): ADDITIONAL CREW Obligated Amount: (b) (4)				(b) (4)
00090	Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCOA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Change Item 00090 to read as follows (amount shown is the obligated amount): CARGO HANDLER Continued ...				(b) (4)

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.1110A152 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Change Item 00107 to read as follows (amount shown is the obligated amount):</p>				
00107	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Additional fund for FY 2011-2012 Field Season</p> <p>Change Item 00108 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00108	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Additional fund for FY 2011-2012 Field Season Continued ...</p>				(b) (4)

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00109	<p>Change Item 00109 to read as follows (amount shown is the obligated amount):</p> <p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Additional funds for FY 2011-2012 Field Season</p> <p>Change Item 00110 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00110	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Additional funds for FY 2011-2012 Field Season</p> <p>Cancel Item 00111 in its entirety.</p> <p>Cancel Item 00120 in its entirety.</p> <p>Change Item 00130 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00130	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Continued ...</p>				(b) (4)

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Additional funds for FY 2011-2012 Field Season</p> <p>Add Item 00260 as follows:</p>				
00260	<p>(b) (4) Obligated Amount: (b) (4)</p>				(b) (4)
	<p>Accounting Info: 02 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 02 Funded: (b) (4) FOB: Destination</p> <p>Exclusive Use (b) (4) Project performance period is October 18, 2012 through February 8, 2013, (b) (4)</p> <p>Add Item 00270 as follows:</p>				
00270	<p>(b) (4) Obligated Amount: (b) (4)</p>				(b) (4)
	<p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Exclusive Use (b) (4) Project performance period is October 26, 2012 through January 26, Continued ...</p>				

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NAME OF OFFEROR OR CONTRACTOR

BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00280	<p>2013, (b) (4)</p> <p>The aircraft is hereby directed to report to Rothera and provide flight services in accordance with C4 Designated Bases. Upon direction from the Government, the aircraft will eventually proceed to McMurdo Station.</p> <p>Add Item 00280 as follows:</p> <p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Exclusive Use (b) (4) Projected performance period is November 8, 2012 through February 2, 2013, (b) (4)</p>				(b) (4)
00290	<p>Add Item 00290 as follows:</p> <p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination</p> <p>Exclusive Use (b) (4) Projected performance period is October 18, 2012 through February 8, 2013, (b) (4)</p>				(b) (4)
	<p>Add Item 00300 as follows:</p> <p>Continued ...</p>				

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00300	Cargo Handler Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination Add Item 00310 as follows:				(b) (4)
00310	ADDITIONAL CREW Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4) FOB: Destination				(b) (4)

CLIN A1 (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A1.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLINA	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A1.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1

(b) (4)

CLIN A2 - (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A2.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days - Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days - Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 - ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	ITEM CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days - Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 - ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A2.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2

(b) (4)

CLIN A3 - (b) (4)

CLIN A3 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A3.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days - Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR - ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 - ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 - ESTIMATED						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.db	Flight Hours	FT		FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A3.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3

(b) (4)

CLIN A4 - (b) (4)

CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A4.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4

(b) (4)

CLIN A5 - (b) (4) - "ON CALL"

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR - ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 - ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A5.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 - ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A5.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A5.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

(b) (4)

CLIN A6 - (b) (4) - "ON CALL"

CLIN	DESCRIPTION 2011-2012 Field Season	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A6.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR - ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 - ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 - ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A6.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

(b) (4)

CLIN A7 - (b) (4) "ON CALL" – Mutual Agreement

CLIN	2011-2012 Field Season DESCRIPTION	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
A7.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.ab	Flight Hours	FT		FLIGHT HOURS.		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability (b) (4)	AV		DAYS		
A7.ag	Daily Availability (b) (4)	AV		DAYS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	2012-2013 Field Season DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability (b) (4)	AV		DAYS		
A7.bg	Daily Availability (b) (4)	AV		DAYS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability (b) (4)	AV		DAYS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		

OPTION YEAR 3 - ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A7.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.ef	Daily Availability	AV		DAYS		
A7.eg	Daily Availability	AV		DAYS		

OPTION YEAR 4 - ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C7

(b) (4)

SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-14)

ADDITIONAL FLIGHT CREW (b) (4) 2 person crews PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A8.aa	2011 Additional (b) (4) Flight Crew	P01	(b) (4)	DAYS	(b)	(4)
A8.ab	2012 Additional (b) (4) Flight Crew	P01		DAYS		
A8.ac	2013 Additional (b) (4) Flight Crew	P01		DAYS		
A8.ad	2014 Additional (b) (4) Flight Crew	P01		DAYS		
A8.ae	2015 Additional (b) (4) Flight Crew	P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) - ESTIMATED TOTAL 5 YEARS

ADDITIONAL FLIGHT CREW (b) (4) (2 person crew PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A9.aa	2011 Additional (b) (4) Crew Flight	P01	(b) (4)	DAYS	(b)	(4)
A9.ab	2012 Additional (b) (4) Crew Flight	P01		DAYS		
A9.ac	2013 Additional (b) (4) Crew Flight	P01		DAYS		
A9.ad	2014 Additional (b) (4) Crew Flight	P01		DAYS		
A9.ae	2015 Additional (b) (4) Crew Flight	P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) - ESTIMATED TOTAL 5 YEARS

ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ab	2012 Mechanic	MC		DAYS		
A10.ac	2013 Mechanic	MC		DAYS		
A10.ad	2014 Mechanic	MC		DAYS		
A10.ae	2015 Mechanic	MC		DAYS		

MECHANICS - ESTIMATED TOTAL 5 YEARS

APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A11.aa	2011 Apprentice Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS		
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	MC		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

CARGO HANDLER

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS	(b)	(4)
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A13.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A13.ab	2012 Shop Rates (b) (4)	TBD		DAYS		
A13.ac	2013 Shop Rates (b) (4)	TBD		DAYS		
A13.ad	2014 Shop Rates (b) (4)	TBD		DAYS		
A13.ae	2015 Shop Rates (b) (4)	TBD		DAYS		

SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS

(b) (4)

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b) (4)	(4)
A14.ab	2012 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ac	2013 Shop Rates (b) (4)	TBD		DAYS		
A14.ad	2014 Shop Rates (b) (4)	TBD		DAYS		
A14.ae	2015 Shop Rates (b) (4)	TBD		DAYS		

SHOP RATE (b) (4) - ESTIMATED TOTAL 5 YEARS

(b) (4)

SCHEDULE A - ARCTIC POLAR REGIONS

CLIN 15- (b) (4) - Arctic and Polar Regions

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED
15.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
15.ab	Flight Hours	FT	(b) (4)	FLIGHT HOURS		

BASE YEAR - ESTIMATED TOTAL 2012

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
15.bb	Flight Hours	FT	(b) (4)	FLIGHT HOURS		

OPTION YEAR 1 - ESTIMATED TOTAL 2013

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
15.cb	Flight Hours	FT	(b) (4)	FLIGHT HOURS		

OPTION YEAR 2 - ESTIMATED TOTAL 2014

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
15.db	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b)	(4)

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION	PAY CODE	QUANTITY	UNIT	Adjusted UNIT PRICE	Adjusted EXTENDED
15.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
15.eb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b)	(4)

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15

TOTAL ESTIMATED VALUE OF CLINS A1-15

Adjusted (b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
				1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)	
0005	01/07/2013	0040070437			
6. ISSUED BY	CODE	7. ADMINISTERED BY (if other than Item 6)		CODE	
DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	D41	DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706		D41	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			9A. AMENDMENT OF SOLICITATION NO.		
BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5			(x)		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO.		
			D12PC00113		
			10B. DATED (SEE ITEM 13)		
			01/05/2012		
CODE	0071061255	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) Net Increase: \$1,511,861.63
01

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) C30 Limitation of Government's Obligation

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTIC FIXED WING PROGRAM

The purpose of this modification is to obligate funds in the amount of \$1,511,861.63 in accordance with C30 Limitation of Government's Obligation to the contract to provide flight service through the current year performance period.

Payment Terms:
PP30
Delivery Location Code: 0008755407
DOI Aviation Management - Acquisiti
300 E Mallard Dr, Ste 200
Boise ID 83706 US

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		John Hedeem	
15B. CONTRACTOR OFFEROR		16B. UNITED STATES OF AMERICA	
SIGNATURE & RETURN NOT REQUIRED		16C. DATE SIGNED	
(Signature of person authorized to sign)		1/8/2013	
		(Signature of Contracting Officer)	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0005

PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: . DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2011 to 08/31/2016 Add Item 00320 as follows:				
00320	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Add Item 00330 as follows:				
00330	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Add Item 00340 as follows:				
00340	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Add Item 00350 as follows:				
00350	(b) (4) Obligated Amount: (b) (4)				(b) (4)
	Add Item 00360 as follows:				
00360	CARGO HANDLER Obligated Amount: (b) (4)				(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: 0040081468
 PAGE OF PAGES: 1 / 3
 2. AMENDMENT/MODIFICATION NO.: 0006
 3. EFFECTIVE DATE: 03/27/2013
 4. REQUISITION/PURCHASE REQ. NO.: 0040081468
 5. PROJECT NO. (if applicable):

6. ISSUED BY: DOI, National Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 CODE: D41
 7. ADMINISTERED BY (if other than Item 6): DOI, National Business Center, AQD
 Suite 200
 Division 4/ Branch 1
 300 East Mallard Drive
 Boise ID 83706
 CODE: D41

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code):
 BOREK, KENN AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH ROAD NE
 CALGARY AB T2E 7G5
 CODE: 0071061255
 FACILITY CODE:
 9A. AMENDMENT OF SOLICITATION NO.:
 9B. DATED (SEE ITEM 11):
 X 10A. MODIFICATION OF CONTRACT/ORDER NO.: D12PC00113
 10B. DATED (SEE ITEM 13): 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
 01 Net Increase: \$988,332.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: C30 Limitation of Government's Obligation
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC SUPPORT, FIXED WING PROGRAM

A. Add CLIN A16, (b) (4) Arctic and Polar Region Support. See attached Schedule A - Arctic Polar Regions
 B. Order services consisting of (b) (4) and (b) (4) to support the National Science Foundation in the Arctic and Polar Regions. Projects include the Thin-ice Arctic Acoustic Window (THAAW), Ongoing support of the Switchyard Project and BORNEO, the Conductivity, Temperature and Depth of Seawater (CTD) testing. See attached Statement of Work.

Continued ...
 Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): **John Hoehner, President**
 15B. CONTRACTOR/OFFEROR: [Signature]
 15C. DATE SIGNED:
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): **DAVID HESSHEY, Contracting Officer**
 16B. UNITED STATES OF AMERICA: [Signature]
 16C. DATE SIGNED: **3/29/2013**

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Payment Terms: PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONET.12NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2011 to 08/31/2016</p> <p>Add Item 00370 as follows:</p>				
00370	<p>ARCTIC SUPPORT 2013: (b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2. Arctic Programs and the attached Statement of Work, Arctic Support 2013. The flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.</p> <p>Add Item 00380 as follows:</p>				(b) (4)
00380	<p>ARCTIC SUPPORT 2013: (b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.</p> <p>Add Item 00390 as follows:</p>				(b) (4)
00390	<p>ARCTIC SUPPORT 2013: (b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Continued ...</p>				(b) (4)

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00400	<p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 3, 2013 through April 12, 2013 dependent on weather and ice conditions.</p> <p>Add Item 00400 as follows:</p> <p>ARCTIC SUPPORT 2013-Sea Ice Landings - All Aircraft Obligated Amount: (b) (4)</p> <p>Sea Ice landing charges for all aircraft included on this modification. This is a not to exceed amount for the total awarded amount for this item.</p>				(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: _____ PAGE OF PAGES: 1 2
 2. AMENDMENT/MODIFICATION NO.: 0007 3. EFFECTIVE DATE: 05/01/2013 4. REQUISITION/PURCHASE REQ. NO.: 0040087100 5. PROJECT NO. (if applicable): _____

6. ISSUED BY: DOI, National Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 CODE: D41 7. ADMINISTERED BY (if other than item 6): DOI, National Business Center, AQD
 Suite 200
 Division 4/ Branch 1
 300 East Mallard Drive
 Boise ID 83706
 CODE: D41

8. NAME AND ADDRESS OF CONTRACTOR (Name, street, county, State and ZIP Code):
 BOREK, KENN AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH ROAD NE
 CALGARY AB T2E 7G5
 CODE: 0071061255 FACILITY CODE: _____
 9A. AMENDMENT OF SOLICITATION NO.: (x) _____
 9B. DATED (SEE ITEM 11): _____
 10A. MODIFICATION OF CONTRACT/ORDER NO.: X D12PC00113
 10B. DATED (SEE ITEM 13): 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers _____ is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 9 and 15 and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required): 01 Net Increase: \$242,394.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF C30 Limitation of Government's Obligation
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC SUPPORT, FIXED WING PROGRAM
 A. Order services consisting of (b) (4) the National Science Foundation in the Arctic and Polar Regions. See the attached statement of work.
 Payment Terms: PP30
 Delivery Location Code: 0008755407
 DOI Aviation Management - Acquisiti
 300 E Mallard Dr, Ste 200
 Boise ID 83706 US

Continued ...
 Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): *David Hershey*
 15B. DATE SIGNED: *May 2, 2013*
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): David Hershey
 16B. UNITED STATES OF AMERICA
 16C. DATE SIGNED: *5/2/13*

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00410	<p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF003 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 05/01/2013 to 06/30/2013</p> <p>Add Item 00410 as follows:</p> <p>Greenland Support- (b) (4) (b) (4) Obligated Amount: \$242,394.00</p> <p>Arctic Support 2013- (b) (4) (b) (4) to support the National Science Foundation Arctic programs. See the attached Statement of Work, Greenland Support. The project is planned for May 7-9 and June 6-9 2013 dependent on weather conditions.</p> <p>The awarded amount is an estimated not to exceed amount.</p>				242,394.00

STATEMENT OF WORK (SOW)

Greenland Support 2013

With

Kenn Borek Air Ltd. (KBAL)

For

National Science Foundation (NSF)

&

**US Department of the Interior,
Office of Aviation Services and Acquisition Services
Directorate**

Finalized by OAS/AQD Boise

05 April, 2013

1.0 Scope

The following document is a statement of work encompassing a single project funded by the National Science Foundation with the work performed by Kenn Borek Air, LTD to be performed under contract D12PC0013, utilizing CLIN A16 and all terms and conditions of that contract shall apply during the support of this project.

1.1 This NSF sponsored, multi-year project will drill a 200-meter ice core at a low snow accumulation site in northeast Greenland during the period of performance. This core, along with similar archived core, will be used to obtain high resolution measurements of aerosols and methane concentrations in the ice, which, in turn, will allow a quantitative assessment of the impact of in-situ methane production on historical records of atmospheric methane in Greenland ice cores.

1.2 From Kangerlussuaq, the team of 5 researchers and 7,500 lbs of science cargo will deploy to Greenland Ice Sheet sites listed in exhibit 1. Upon completion a total of 11,000 lbs of gear and ice cores will be flown back to Kangerlussuaq.

The field campaign will involve approximately (b) (4) hours of logistics support time (excluding transit) on the KBAL aircraft.

2.0 Miscellaneous Notes

2.1 Deployment Specifics and Usage.

2.1.1 KBAL will provide (b) (4)

(b) (4) appropriate to properly maintain and safely operate in remote environments (See Section 3.0 for EU detail). The aircraft shall be capable of transporting all gear and people, as described herein landing off-strip on skiways and unprepared strips on the Greenland ice sheet. The flight operations will solely be used by the National Science Foundation grantee support of the listed project for the total period not to exceed the two periods 6-10 May and 5-10 June, 2013. All rates listed herein are dry rates (fuel will be supplied by NSF sources at Summit Station, however at BGSF

fuel will be obtained commercially for mobilization / demobilization and any project support flights passing through due to limited resources at Summit). Receipts required for all purchased fuel, handling and parking at BGSF.

2.1.2 Deploy / Redeploy / Crew Swap. The aircraft and associated crews and support staff will deploy from Iqaluit (CYFB) direct to Kangerlussuaq, Greenland (BGSF) where the project will initiate and complete. However, once the mission begins, operations will base out of sites to include Summit station and Tunu field camp, in support of the project (See exhibit 1).

2.2 Technical Details

2.2.1 Aircraft configuration as determined by the customer will be IAW with any OPSPEC, Flight Manual or approved Transport Canada (limited) STC. Should additional modifications require approval that may exceed estimates discussed and noted in section 3.0, KBAL shall notify OAS for further clarification. The retractable ski STC will be required to successfully perform work on this project.

2.2.2 The research team requires transport of limited amounts of hazardous materials to include power equipment (generators with fuel/oil). Dangerous good shall be transported in accordance with Transport Canada regulations and KBAL existing operational procedures.

2.3 Clearances. Researchers are responsible for all applicable clearances and permits necessary for their work.

2.4 Administrative. Should an issue arise wherein there is a conflict of available assets to support a project the NSF Arctic Program Manager shall clearly prioritize the use of all assets to all parties.

This document details our best estimate of the project, however KBAL shall notify the Contracting Officer of all changes to this project scope that increase the price or period of performance prior to performing those changes. Figures are given in USD.

3.0 Pricing

Tracking and documentation for all services will require weekly updates to the COTR at OAS to include current FT total and operation updates. These can come from either the vendor or a designated Polar Field representative, as there will be no direct government supervision on site. FT and AV logs will be provided for each CLIN listed below to assist in the tracking. All aircraft flight logs will be scanned and forwarded to the COTR for validation of services prior to payment. The COTR must be notified immediately when 75% of estimated flight time is reached. Payment for the services provided under this order will be made in accordance with Contract D12PC00113 as follows:

ITEM	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
1.a	(b) (4) May 7-9, June 6-9, 2013*** Price per day for availability	AV	(b) (4)	DAYS	(b)	(4)
1.b.	Price per flight hour for estimated flight hours	FT		FLIGHT HOURS		
1.c.	Mob/Demob (Single Charge for both)	SC		NTE		

***Aircraft shall mob May 6, June 5 to fly missions May 7-9 / June 6-9 and demob May 10, June 10

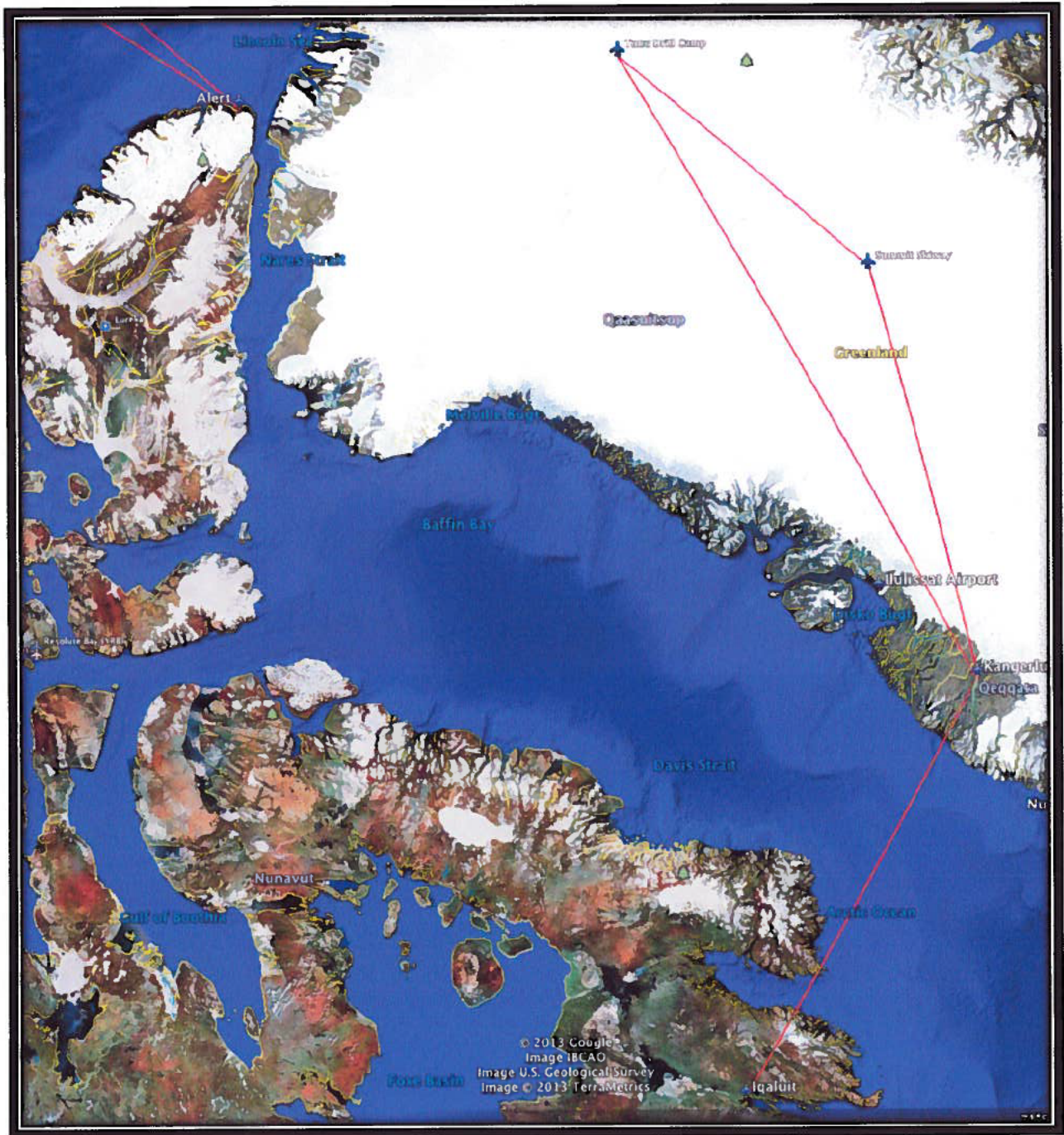
ESTIMATED TOTAL, AVAILABILITY AND FLIGHT HOURS

ITEM	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
2.a.	Total Fuel Charges (Mob/Demob/Support in BGSF)	SC	(b) (4)	GALS	(b)	(4)
2.b.	Per Diem (Crew of 4)	PD		DAYS		
2.c.	Misc Fees (Landing/Handling)	SC		NTE		

ESTIMATED TOTAL, ADDITIONAL PAY ITEMS AND MISC COSTS – All Aircraft.....

ESTIMATED TOTAL, ALL LINE ITEMS.....

Exhibit 1 (Project Over view of Sites)



RELEVANT COORDINATES

Site Name	Latitude	Longitude
Kangerlussuaq (SFJ)	67° 0' 31" N	50° 41' 21" W
Summit	72°35'46.4"N	38°25'19.1"W
TUNU	78° 00' 59" N	33° 59' 00" W

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0008	3. EFFECTIVE DATE 05/14/2013	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706	CODE D41
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 0071061255	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	10B. DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Decrease: -\$112,772.94

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.212-4 (c) Changes

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC SUPPORT, FIXED WING PROGRAM
LIST OF CHANGES:

Reason for Modification : Funding Only Action
Total Amount for this Modification: -\$112,772.94
New Total Amount for this Version: (b) (4)

Total Amount changed
from (b) (4) to (b) (4)

Payment Terms:
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David Hershey	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0008

PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00150	PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 05/02/2013 to 06/30/2013 Change Item 00150 to read as follows (amount shown is the obligated amount): Additional Funds to support the Switchyard Project April - May 2012.				-112,772.94

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0009	3. EFFECTIVE DATE 05/23/2013	4. REQUISITION/PURCHASE REQ. NO. 0040091056	5. PROJECT NO. (If applicable)	
6. ISSUED BY DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than item 6) DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706	CODE D41	
8. NAME AND ADDRESS OF CONTRACTOR (No, street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH ROAD NE CALGARY AB T2E 7G5		(X) 9A. AMENDMENT OF SOLICITATION NO.		
CODE 0071061255		9B. DATED (SEE ITEM 11)		
FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO. D12FC00113		
		10B. DATED (SEE ITEM 13) 01/05/2012		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$80,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO. (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.212-4(c) Changes

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC SUPPORT, FIXED WING PROGRAM

Greenland Project - 2013

LIST OF CHANGES:

Reason for Modification : Supplemental Agreement for work within scope. Additional days of availability and changes to the project performance periods. See the attached Statement of Work - Modification 09, dated May 15, 2013

Payment Terms:

PP30

Delivery Location Code: 0008755407

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) BRIAN CROCKER, OPERATIONS MANAGER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) John Hedeem	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 6/11/2013	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 6/11/2013

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00420	<p>DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 05/02/2013 to 06/30/2013</p> <p>Add Item 00420 as follows:</p> <p>NSF-Greenland Support 2013-Additional AV Obligated Amount: \$80,000.00</p> <p>Arctic support for the NSF in Greenland. This modification adds additional days of availability due to weather delays during the originally planned project performance period. This project was previously awarded on line item 0410. Continue to use line item 0410 and only use line item 0420 as needed for additional daily availability days per the statement of work, section 3.0.</p>				80,000.00

STATEMENT OF WORK (SOW)

Greenland Support 2013

With

Kenn Borek Air Ltd. (KBAL)

For

National Science Foundation (NSF)

&

**US Department of the Interior,
Office of Aviation Services and Acquisition Services
Directorate**

Finalized by OAS/AQD Boise

05 April, 2013

Modified May 15, 2013 (D12PC00113, Mod 09)

1.0 Scope

The following document is a statement of work encompassing a single project funded by the National Science Foundation with the work performed by Kenn Borek Air, LTD to be performed under contract D12PC0013, utilizing CLIN A16 and all terms and conditions of that contract shall apply during the support of this project.

1.1 This NSF sponsored, multi-year project will drill a 200-meter ice core at a low snow accumulation site in northeast Greenland during the period of performance. This core, along with similar archived core, will be used to obtain high resolution measurements of aerosols and methane concentrations in the ice, which, in turn, will allow a quantitative assessment of the impact of in-situ methane production on historical records of atmospheric methane in Greenland ice cores.

1.2 From Kangerlussuaq, the team of 5 researchers and 7,500 lbs of science cargo will deploy to Greenland Ice Sheet sites listed in exhibit 1. Upon completion a total of 11,000 lbs of gear and ice cores will be flown back to Kangerlussuaq.

The field campaign will involve approximately (b) (4) hours of logistics support time (excluding transit) on the KBAL aircraft.

2.0 Miscellaneous Notes

2.1 Deployment Specifics and Usage.

2.1.1 KBAL will provide (b) (4) (b) (4) appropriate to properly maintain and safely operate in remote environments (See Section 3.0 for EU detail). The aircraft shall be capable of transporting all gear and people, as described herein landing off-strip on skiways and unprepared strips on the Greenland ice sheet. The flight operations will solely be used by the National Science Foundation grantee support of the listed project for the total period not to exceed the **two periods 6-13 May and 1-4 June, 2013 except for mutually agreed upon extension due to weather or operational delays, see section 3.0 for details.** All rates listed herein are dry rates (fuel will

be supplied by NSF sources at Summit Station, however at BGSF fuel will be obtained commercially for mobilization / demobilization and any project support flights passing through due to limited resources at Summit). Receipts required for all purchased fuel, handling and parking at BGSF.

2.1.2 Deploy / Redeploy / Crew Swap. The aircraft and associated crews and support staff will deploy from Iqaluit (CYFB) direct to Kangerlussuaq, Greenland (BGSF) where the project will initiate and complete. However, once the mission begins, operations will base out of sites to include Summit station and Tunu field camp, in support of the project (See exhibit 1).

2.2 Technical Details

2.2.1 Aircraft configuration as determined by the customer will be IAW with any OPSPEC, Flight Manual or approved Transport Canada (limited) STC. Should additional modifications require approval that may exceed estimates discussed and noted in section 3.0, KBAL shall notify OAS for further clarification. The retractable ski STC will be required to successfully perform work on this project.

2.2.2 The research team requires transport of limited amounts of hazardous materials to include power equipment (generators with fuel/oil). Dangerous good shall be transported in accordance with Transport Canada regulations and KBAL existing operational procedures.

2.3 Clearances. Researchers are responsible for all applicable clearances and permits necessary for their work.

2.4 Administrative. Should an issue arise wherein there is a conflict of available assets to support a project the NSF Arctic Program Manager shall clearly prioritize the use of all assets to all parties.

This document details our best estimate of the project, however KBAL shall notify the Contracting Officer of all changes to this project scope that increase the price or period of performance prior to performing those changes. Figures are given in USD.

3.0 Pricing (Modification 09)

Tracking and documentation for all services will require weekly updates to the COTR at OAS to include current FT total and operation updates. These can come from either the vendor or a designated Polar Field representative, as there will be no direct government supervision on site. FT and AV logs will be provided for each CLIN listed below to assist in the tracking. All aircraft flight logs will be scanned and forwarded to the COTR for validation of services prior to payment. The COTR must be notified immediately when 75% of estimated flight time is reached. Payment for the services provided under this order will be made in accordance with Contract D12PC00113 as follows:

ITEM	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
1.a	(b) (4) May 7-12, June 2-3, 2013*** Price per day for availability	AV	(b) (4)	DAYS	(b)	(4)
1.b.	Price per flight hour for estimated flight hours	FT		FLIGHT HOURS		
1.c.	Mob/Demob (Single Charge for both)	SC		NTE		
1.d.	Additional Days of Availability**	AV		DAYS		

**Additional days of availability as needed and mutually agreed upon to due to possible weather and operational delays.

***Aircraft shall mob May 6, June 1 to fly missions May 7-12 / June 2-3 and demob May 13, June 4, unless additional days (1.d) are required due to weather/operational delays.

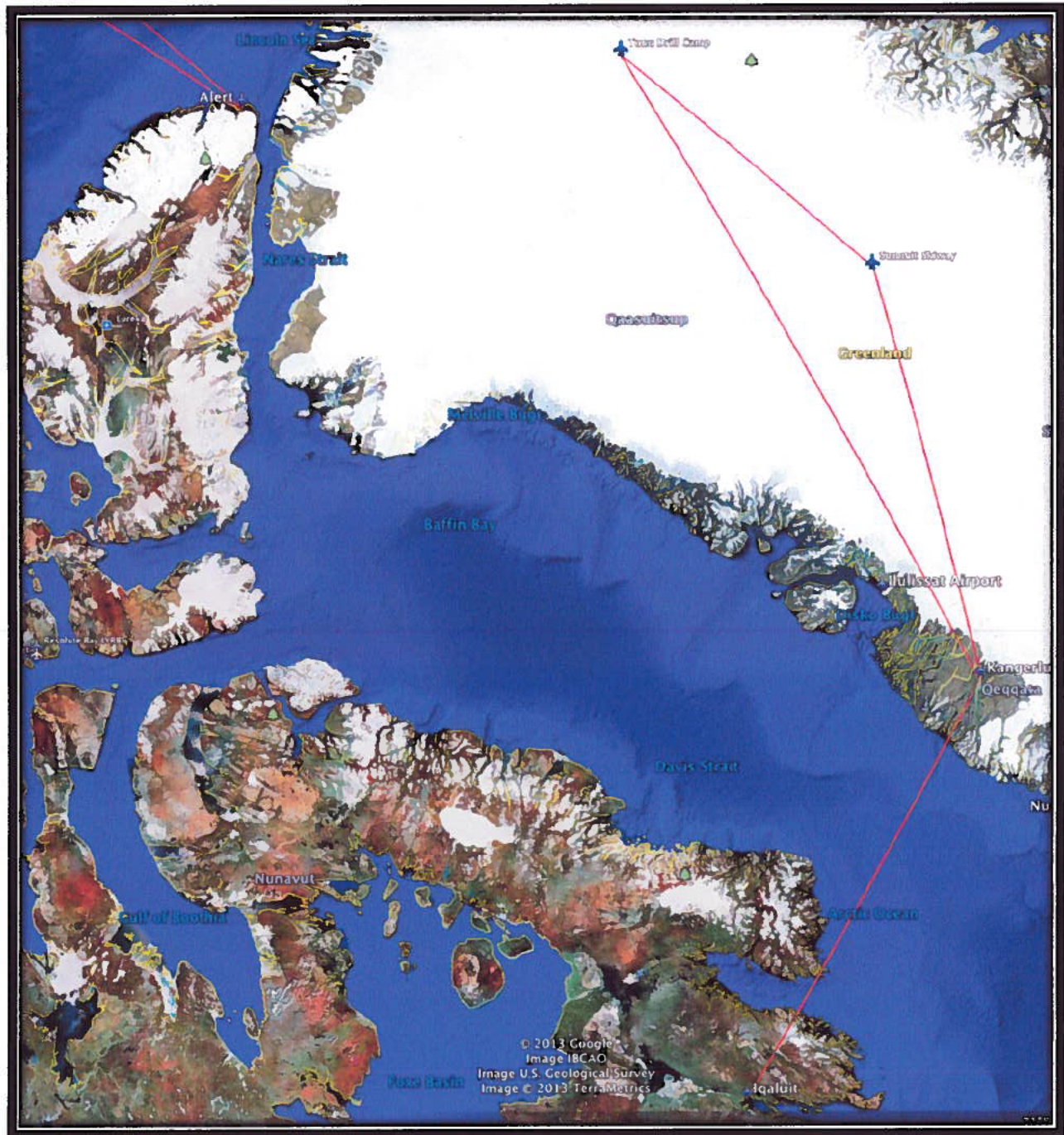
ESTIMATED TOTAL, AVAILABILITY AND FLIGHT HOURS

ITEM	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
2.a.	Total Fuel Charges (Mob/Demob/Support in BGSF)	SC	(b) (4)	GALS	(b)	(4)
2.b.	Per Diem (Crew of 4)	PD		DAYS		
2.c.	Misc Fees (Landing/Handling)	SC		NTE		

ESTIMATED TOTAL, ADDITIONAL PAY ITEMS AND MISC COSTS – All Aircraft.....

ESTIMATED TOTAL, ALL LINE ITEMS.....

Exhibit 1 (Project Over view of Sites)



RELEVANT COORDINATES

Site Name	Latitude	Longitude
Kangerlussuaq (SFJ)	67° 0' 31" N	50° 41' 21" W
Summit	72°35'46.4"N	38°25'19.1"W
TUNU	78° 00' 59" N	33° 59' 00" W

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 1 CONTRACT ID CODE PAGE OF PAGES 1 7

2. AMENDMENT/MODIFICATION NO. 0010 3. EFFECTIVE DATE 07/12/2013 4. REQUISITION/PURCHASE REQ. NO. 6. PROJECT NO. (if applicable)

5. ISSUED BY CODE D41 7. ADMINISTERED BY (if other than item 5) CODE D41
DOI, National Business Center, AQD
Division 4/ Branch 1
300 East Mallard Drive
Suite 200
Boise ID 83706

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
BOREK, KENN AIR LTD
Attn: ATTN GOVERNMENT POC
290 MCTAVISH ROAD NE
CALGARY AB T2E 7G5
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
D12FC00113
10B. DATED (SEE ITEM 13)
01/05/2012
CODE 0071061255 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. is not extended.
12. ACCOUNTING AND APPROPRIATION DATA (if required)
See Schedule Net Decrease: -\$692,248.82

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
D. OTHER (Specify type of modification and authority)
X FAR 52.212-4(c) Changes

E. IMPORTANT: Contractor is not [X] is required to sign this document and return 1 copies to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, FY 2013.
Reason for Modification : Funding Only Action
Total Amount for this Modification: -\$692,248.82
New Total Obligated Amount for this Award: (b) (4)

This modification hereby deobligates the remaining balance on the following line items. Final invoices have been submitted. With this modification, the contractor hereby releases the Government from any and all liability under these items.

CHANGES FOR LINE ITEM NUMBER: 310
Continued ...

EXCEPT AS PROVIDED HEREIN ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 9A OR 10A, AS HERETOFORE CHANGED, REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.
15A. NAME AND TITLE OF SIGNER (Type or print)
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED
15D. SIGNATURE OF PERSON AUTHORIZED TO SIGN
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED
16D. SIGNATURE OF CONTRACTING OFFICER

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0010

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 320 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 330 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 340 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 350 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 360 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 370 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 380 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 390 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4) Continued ...</p>				

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REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 400 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 410 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Line item 420 canceled</p> <p>Payment Terms: PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>FOB: Destination Period of Performance: 05/02/2013 to 08/30/2013</p> <p>Change Item 00310 to read as follows (amount shown is the obligated amount):</p>				
00310	<p>ADDITIONAL CREW</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.1B0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Change Item 00320 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00320	<p>(b) (4)</p> <p>Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Continued ...</p>				(b) (4)

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REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)				
00330	Change Item 00330 to read as follows (amount shown is the obligated amount): (b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)				(b) (4)
00340	Change Item 00340 to read as follows (amount shown is the obligated amount): (b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)				(b) (4)
00350	Change Item 00350 to read as follows (amount shown is the obligated amount): (b) (4) Obligated Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Continued ...				(b) (4)

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Change Item 00360 to read as follows (amount shown is the obligated amount):</p>				
00360	<p>CARGO HANDLER Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Change Item 00370 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00370	<p>ARCTIC SUPPORT 2013- (b) (4) Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCAO000.1B0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2. Arctic Programs and the attached Statement of Work, Arctic Support 2013. The flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.</p> <p>Change Item 00380 to read as follows (amount shown Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0010

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00380	<p>is the obligated amount):</p> <p>ARCTIC SUPPORT 2013 (b) (4) Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 1, 2013 through May 15, 2013 dependent on weather and ice conditions.</p> <p>Change Item 00390 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00390	<p>ARCTIC SUPPORT 2013 (b) (4) Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCA0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) to support the National Science Foundation in the Arctic in accordance with B1.1.1.2 Arctic Programs and the attached Statement of Work, Arctic Support 2013. the Flights are planned for April 3, 2013 through April 12, 2013 dependent on weather and ice conditions.</p> <p>Change Item 00400 to read as follows (amount shown is the obligated amount): Continued ...</p>				(b) (4)

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIERS/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00400	<p>ARCTIC SUPPORT 2013-Sea Ice Landings - All Aircraft Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDCAO000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Sea Ice landing charges for all aircraft included on this modification. This is a not to exceed amount for the total awarded amount for this item.</p> <p>Change Item 00410 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00410	<p>Greenland Support- (b) (4) (b) (4) Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF003 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Cancel Item 00420 in its entirety.</p>				(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO 0011		3 EFFECTIVE DATE 08/09/2013	4 REQUISITION/PURCHASE REQ. NO. 0040109203	1. CONTRACT ID CODE	PAGE OF PAGES 1 3
6 ISSUED BY DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706		

8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		9A. AMENDMENT OF SOLICITATION NO. (b)
CODE 0071061255 FACILITY CODE		9B. DATED (SEE ITEM 11)
		X 10A. MODIFICATION OF CONTRACT ORDER NO. D12PC00113
		10B DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$300,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.212-4(c) Changes; C29 Incrementally Funded Fixed Price Contract
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, FY 2013.
 Reason for Modification : Supplemental Agreement for work within scope
 Total Amount for this Modification: \$300,000.00
 New Total Obligated Amount for this Award: (b) (4)

A. This modification extends services to 9/30/2013 in accordance with C26, Option to Extend Services (48 CFR 52.217-8).

B. Add Line Item 430, (b) (4) to the contract to support the NSF and the Center for Remote Sensing of Ice Sheets (CRISIS) in accordance Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) BRIAN CROCKER OPS. MANAGER	15B. CONTRACTOR/OFFEROR <i>[Signature]</i>	15C. DATE SIGNED 12 Aug 2013	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) John Hedeem	15B. UNITED STATES OF AMERICA <i>[Signature]</i>	15C. DATE SIGNED 8/13/2013
---	---	---------------------------------	---	---	-------------------------------

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>with the attached Statement of Work, titled Aircraft Modification, (b) (4)</p> <p>(b) (4)</p> <p>Payment for the modification will be made on a firm fixed price as detailed in the Statement of Work (SOW), for Items 3.1, 3.2 and 3.3 and shall not exceed the total stated in the SOW. Payment for Item 4.0 will be for actual time expended and not to exceed the estimated cost.</p> <p>C. Funding for this modification in the amount of \$300,000 from NSF IAA 1156664, PR 0040109203.</p> <p>D. Payment for items detailed in the SOW shall be invoiced in IPP on the line item created by this modification, Line Item 430. All items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.2 and 3.3 shall be submitted in AMS as a special charge (SC). Items 4 shall also be submitted in AMS and clearly show hanger time, daily availability, flight time, fuel costs with attached receipts.</p> <p>E. The attached statement of work is hereby incorporated into the contract and all terms and conditions shall have the full force and effect as the contract. In accordance with the statement of work, KBA will supply a complete data package to include drawings, documents, engineering designs, Transport Canada approval documents and any other relevant items produced for this modification.</p> <p>Payment Terms: PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2012 to 09/30/2013</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0011

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00430	<p>Add Item 00430 as follows:</p> <p>(b) (4)</p> <p>Obligated Amount: \$300,000.00</p> <p>(b) (4)</p> <p>(b) (4) to the contract to support the NSF and the Center for Remote Sensing of Ice Sheets (CReSIS) in accordance with the attached Statement of Work, titled Aircraft Modification, (b) (4)</p> <p>(b) (4)</p> <p>Payment for the modification will be made on a firm fixed price as detailed in the Statement of Work (SOW), for Items 3.1, 3.2 and 3.3 and shall not exceed the total stated in the SOW. Payment for Item 4.0 will be for actual time expended and not to exceed the estimated cost.</p>				300,000.00

Kenn Borek Air Ltd.



STATEMENT OF WORK (SOW)

Aircraft Modification
Contract D12PC00113

(b) (4)

With

Kenn Borek Air Ltd.

For

Center for Remote Sensing of Ice Sheets (CReSIS)
&
National Science Foundation (NSF)



1.0 INTRODUCTION

This Statement of Work (SOW) is for the duplicate installation of the CReSIS supplied equipment on a (b) (4)

(b) (4)

Kenn Borek Air Ltd. (KBAL) will supply engineering services, airworthiness approval, aircraft modification, and antenna mounts for the complete installation.

The aircraft modifications will be completed by KBAL at our facility in Calgary Alberta, Canada for the National Science Foundation (NSF).

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work and information provided.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the customer prior to implementation.

KBAL will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

2.0 SCOPE

The installation and Certification will consist of the following items:

- (b) (4)
- (b) (4)
- (b) (4)
- (b) (4)
- (b) (4)

2.1 Items Supplied by CreSIS

- (b) (4)
- (b) (4)
- (b) (4)
- Engineering support of the installation to aid in the Transport Canada certification process.
- Examples would be radiated frequencies, component descriptions, etcetera.

2.2 Items Supplied by Kenn Borek Air

- (b) (4)
- (b) (4)
- (b) (4)
- (b) (4)
- (b) (4)



2.3 Flight Testing & Certification

- Flight Testing scope will be a routine 1-3hr flight to confirm EMI characteristics and interactions between survey equipment and the aircraft nav/comm systems. No effects are anticipated but must be confirmed by a flight.

2.4 Schedule

- Aircraft modifications starting Mid August 2013.
- Airframe-Equipment integration starting September 15, 2013.
- Flight Testing to be accomplished late September 2013 following equipment integration.
- The schedule may be extended at the discretion and agreement of KBA, CReSIS, and the NSF. The absolute deadline will be determined primarily by the NSF contracted Antarctic start date and required maintenance on the subject aircraft.



3.0 AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS

Item	Description	Notes	Labor	Material	Total
3.1 ENGINEERING					
3.1.1	Transport Canada Certification Overall Project: Including items such as EM characteristics, cabin layout, emergency egress, etcetera.	<ul style="list-style-type: none"> Services performed by (b) (4) (b) (4) Scope includes all Certification Engineering associated with obtaining a Transport Canada approval. 	(b) (4)		
3.1.2	Drafting/Design	<ul style="list-style-type: none"> Installation drawing package for Transport Canada review and approval. Consists of generating drawings for cabin layout, cabin-mounted survey equipment, GPS Antenna(s), etcetera. 	(b) (4)		
3.1.3	Project Coordination	<ul style="list-style-type: none"> Liaison between KBA, customer, Transport Canada, Industry Canada (radar permits for flight testing), and other project related activities. 	(b) (4)		
3.1.4	(b) (4)		(b) (4)		
3.1.5	(b) (4)		(b) (4)		
3.2 AIRFRAME MODIFICATION					
3.2.1	(b) (4)		(b) (4)		

Kenn Borek Air Ltd.



Item	Description	Notes	Labor	Material	Total
3.2.2	(b) (4)		(b) (4)		(b) (4)
3.2.3					
3.2.4					
3.3 EQUIPMENT INSTALLATION					
3.3.1	(b) (4)				
3.3.2	(b) (4)				
3.3.4					
3.3.5					
3.3.6					

Kenn Borek Air Ltd.



Item	Description	Notes	Labor	Material	Total
3.3.7	Shop Supplies	<ul style="list-style-type: none"> Basic shop supplies are included in labor costs. 	(b) (4)		

Total Modification Cost: [REDACTED]

4.0 AIRCRAFT COSTS (OPERATIONS)

Item	Description	Location	Notes	Time	Cost
4.1	MODIFICATION INSTALLATION	KBAL Hangar	As per contract aircraft rate of (b) (4)		(b) (4)
4.2	CERTIFICATION FLIGHT TESTS	Calgary Area	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn: (b) (4)		(b) (4)
4.3	CALIBRATION AND/OR SURVEY TEST FLIGHTS				As per customer requirements
4.3.1	Ground Tests	Calgary Hangar	As per contract aircraft rate of (b) (4) and fuel used if engines started.		(b) (4)
4.3.2	Flight Tests	Ghost Lake, Alberta (Near Calgary, generally a location requirement for transmitting radar frequencies)	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn: (b) (4)		(b) (4)

Total Estimated Aircraft Cost: [REDACTED]



United States Department of the Interior
Office of the Secretary



Mr. John Harmer, President
Kenn Borek Air, Ltd.
290 McTavish Road, N.E.
Calgary, Alberta
Canada T2E 7G5

Subject: Contract D12PC00113, Modification 12, Fixed Wing Services in Support of the National Science Foundation, Antarctica

Dear Mr. Harmer:

In our letter dated July 31, we exercised our option pursuant to paragraph C25 Option to Extend the Term of the Contract for the second option, third contract year, September 1, 2013 through August 31, 2014 and stated that a modification would follow. A subsequent modification, Mod 11 issued on August 9, 2013 extended the current services to September 30, 2013. This letter transmits the executed modification to exercise the option for the period of October 1, 2013 to August 31, 2014.

In addition, this modification, Pursuant to paragraph C29 Incrementally Funded Fixed Price Contract, obligates \$1,037,928.62 funding for flight services through approximately November 23, 2013 and incorporates the revised contract prices pursuant to C31.2 Economic Price Adjustment.

If you have questions, please contact Mike Willis at the above address or 208-433-5019.

Sincerely,

John Hedeem
Contracting Officer

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0012	3. EFFECTIVE DATE 09/16/2013	4. REQUISITION/PURCHASE REQ. NO. 0040116127	5. PROJECT NO. (If applicable)
6. ISSUED BY DOI, National Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, National Business Center, AQD Suite 200 Division 4/ Branch 1 300 East Mallard Drive Boise ID 83706	CODE D41
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 0071061255	FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	10B. DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$1,037,928.62

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
X	D. OTHER (Specify type of modification and authority) C25 Option to Extend, C29 Incrementally Funded Fixed Price Contract, C31.2 Economic Price Adjustment

E. IMPORTANT: Contractor is not is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2013-2014.

The purpose of this modification is as follows:

- A. This modification exercises the option to extend the term of the contract, Option Year 2, Contract Year 3 in accordance with C25.
- B. The rates are hereby changed in accordance with C31.2 Economic Price Adjustment. See the attached schedule of items.
- C. This modification provides the first installment of funding for Contract Year 3, Option Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) FOR YOUR RECORDS	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) John Hedeem
15B. CONTRACTOR/OFFEROR SIGNATURE & RETURN NOT REQUIRED (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA <i>John Hedeem</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9/17/2013

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0012

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2 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00440	<p>2, 2013 to 2014 in accordance with C29 Incrementally Funded Fixed Price Contract. Payment Terms: PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/30/2013 to 08/31/2014</p> <p>Add Item 00440 as follows:</p> <p>NSF-Antarctica/Arctic Fixed Wing Flight Services-1st Funding Installment 2013-2014 Obligated Amount: \$1,037,928.62</p> <p>The Contractor shall provide fixed wing flight services for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP) and NSF's Arctic Program.</p> <p>The contractor shall submit flight data (Daily Availability, Flight Time, Unavailability, etc.) on separate OAS-23's, Aircraft Use Reports, for each aircraft. The flight data will be uploaded to the Aviation Management System (AMS) by the contractor no sooner than every 14 days. See the attached pricing/funding schedule for the corresponding aircraft type, registration number and AMS pay item codes.</p>				1,037,928.62

AMS Line Number	Contract Schedule/Line #	Description	Tail	Pay Item	Item	FY14 Requirements			
						Qty	Rate	Total	To be funded
10	CLIN A2/440	(b) (4) Start Date: 11/20/13	(b) (4)	AV FT SC SC UA	Daily Availability Flight Time Mobilization Demobilization Unavailability	(b) (4)	(b) (4)	(b) (4)	(b) (4)
	A2.ca			AV	Without Options Total				
	A2.cb			AV	Daily Availability				
	A2.cd			FT	Options Total				
	A2.ce			SC					
	A2.cc			SC					
	Option Item								
10	CLIN A3/440	(b) (4) Start Date: 10/23/13	(b) (4)	AV P61 P62 UA	Daily Availability Flight Time Mobilization Demobilization Unavailability	(b) (4)	(b) (4)	(b) (4)	(b) (4)
	A1.ca			AV	Without Options Total				
	A1.cb			AV	Daily Availability				
	A1.cd			FT	Options Total				
	A1.ce			P61					
	A1.cc			P62					
	Option Item								
10	CLIN A3/440	(b) (4) Start Date: 11/20/13	(b) (4)	AV P61 P62 UA	Daily Availability Flight Time Mobilization Demobilization Unavailability	(b) (4)	(b) (4)	(b) (4)	(b) (4)
	A3.ca			AV	Without Options Total				
	A3.cb			AV	Daily Availability				
	A3.cd			FT	Options Total				
	A3.ce			P61					
	A3.cc			P62					
	Option Item								
20	CLIN A4/440	(b) (4) Start Date: 10/23/13	(b) (4)	AV P61 P62 UA SC P50	Daily Availability Flight Time Mobilization Demobilization Unavailability Crew Swap Cargo Handler	(b) (4)	(b) (4)	(b) (4)	(b) (4)
	A4.ca			AV	Without Options Total				
	A4.cb			AV	Daily Availability				
	A4.cd			FT	Options Total				
	A4.ce			P61					
	A12.ac			P62					
	A4.cc			UA					
	Option Item								
	Total All					(b) (4)	(b) (4)	(b) (4)	(b) (4)
	Total With Option Items					(b) (4)	(b) (4)	(b) (4)	(b) (4)
	Total Without Option Items					(b) (4)	(b) (4)	(b) (4)	(b) (4)
	Total					(b) (4)	(b) (4)	(b) (4)	(b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE: _____ PAGE OF PAGES: 1 / 3

2 AMENDMENT/MODIFICATION NO: 0013
 3 EFFECTIVE DATE: 09/23/2013
 4 REQUISITION/PURCHASE REQ NO: 0040117447
 5 PROJECT NO (if applicable): _____

6 ISSUED BY: Interior Business Center, AOD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 CODE: 041
 7 ADMINISTERED BY (if other than item 6): BOI, Interior Business Center, AOD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 CODE: 041

8 NAME AND ADDRESS OF CONTRACTOR (No street, county, State and ZIP Code):
 BOREK, KENN AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH RD NE
 CALGARY AB T2E 7G5
 CODE: 0071061255 FACILITY CODE: _____
 9A AMENDMENT OF SOLICITATION NO: _____
 9B DATED (SEE ITEM 11): _____
 X 10A MODIFICATION OF CONTRACT ORDER NO: D12PC00113
 10B DATED (SEE ITEM 13): 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required):
 Net Increase: 5179,488.83

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF C27 Unilateral Extension of Exclusive Use Period and FAR 52.212-4(c) Changes
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not required to sign this document and return _____ copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF solution hearings, including solicitation/contract subject matter where feasible):
 FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2013-2014.

The purpose of this modification is as follows:
 A. The exclusive use period for the (b) (4) is extended for a total of 20 days. The start date is changed from October 23, 2013 to October 1, 2013, CLIN A1.cc, Additional Days of Availability
 B. An additional (b) (4) CLIN A5.cc On Call (b) (4) will be provided by the contractor and shall deploy with (b) (4). The start date will be October 1, 2013 and run through October 11, 2013, 11 days of Availability. This aircraft may be released sooner as agreed to by both the Government and the Contractor.
 Continued ...

Except as provided herein, all terms and conditions of the documents referenced in item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): _____
 15B. CONTRACTOR/OFFEROR: _____
 15C. DATE SIGNED: 09/24/2013
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): John Hedeep
 16B. UNITED STATES OF AMERICA
 16C. DATE SIGNED: 9/25/2013

HSA 7540-01-152-8070
 Previous Edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0013

PAGE 2 OF 3

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>The On-Call aircraft (b) (4) will perform mainly as a SAR back-up aircraft to (b) (4) and possibly utilized in cargo only missions, such as fuel cache setup and reconnaissance. Due to the nature and short duration of this mission, this modification provides a one-time deviation from the following technical specifications for the on call aircraft (b) (4) only:</p> <p>B4.2 Equipment Requirements</p> <p>B4.2.14 (b) (4)</p> <p>(b) (4)</p> <p>(b) (4)</p> <p>B5.3 Navigational Systems</p> <p>B5.3.1 (b) (4)</p> <p>(b) (4)</p> <p>(b) (4)</p> <p>Pricing/Funding</p> <p>See the attached pricing schedule for line item details. All flight time and crew swap costs are estimates and will be paid upon actual service provided and transportation receipts for crew swap, not to exceed the estimated totals.</p> <p>Amount for this Modification: \$179,488.83 Payment Terms: Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF [REDACTED] GMENT BEING CONTINUED
 D12PC00113/0013

PAGE 3 OF 3

NAME OF OFFEROR OR CONTRACTOR
 BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00450	<p>PP30 Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF102 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/25/2013 to 08/31/2014</p> <p>Add Item 00450 as follows:</p> <p>KBA-FIXED WING FLIGHT SVS TRANSPORT PERSONNEL Obligated Amount: \$179,488.83</p> <p>The contractor shall provide fixed wing flight services in support of the NSF-Antarctica to transport personnel from the South Pole to McMurdo Station. The services include (b) (4) (b) (4) The aircraft will depart Calgary on or about September 27, 2013 and arrive McMurdo Station Antarctica on or about October 5, 2013. The aircraft will fly to the South Pole on October 6 and extract required passengers and return to McMurdo Station. See the attached Pricing/Funding Schedule for details.</p>				179,488.83

2. AMENDMENT/MODIFICATION NO. 0014
 3. EFFECTIVE DATE 11/13/2013
 4. REQUISITION/PURCHASE REQ. NO. 0040119713
 5. PROJECT NO. (if applicable)

6. ISSUED BY CODE D41
 Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 7. ADMINISTERED BY (if other than Item 6) CODE D41
 DOI, Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 BOREK, KENN AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH RD NE
 CALGARY AB T2E 7G5
 9A. AMENDMENT OF SOLICITATION NO. (x)
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. X
 D12PC00113
 10B. DATED (SEE ITEM 13)
 01/05/2012
 CODE 0071061255 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
 01 Net Increase: \$2,676,561.21

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
 D. OTHER (Specify type of modification and authority)
 X C29 Incrementally Funded Fixed Price Contract

E. IMPORTANT: Contractor is not. is required to sign this document and return _____ 0 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2013-2014.
 The purpose of this modification provides the 2nd installment of funding for Contract Year 3, Option 2 in accordance with C29, Incrementally Funded Fixed Price Contract. Total Amount for this Modification is \$2,676,561.21. The total funded amount for Contract Year 3 is (b) (4)
 Payment Terms: PP30
 Delivery Location Code: 0009836858
 ACQ Aviation
 300 East Mallard Drive
 Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
 15B. CONTRACTOR OFFEROR SIGNATURE & RETURN NOT REQUIRED (Signature of person authorized to sign)
 15C. DATE SIGNED
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
 John Hedeer
 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
 16C. DATE SIGNED
 11/14/2013

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0014

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2 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00460	<p>Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/25/2013 to 08/31/2014</p> <p>Add Item 00460 as follows:</p> <p>NSF-Fixed Wing Flt Services-2nd Funding Installment 2013-2014 Obligated Amount: \$2,676,561.21</p> <p>The Contractor shall provide fixed wing flight services for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP) and NSF's Arctic Program.</p> <p>The contractor shall submit flight data (Daily Availability, Flight Time, Unavailability, etc.) on separate OAS-23's, Aircraft Use Reports, for each aircraft. The flight data will be uploaded to the Aviation Management System (AMS) by the contractor no sooner than every 14 days. See the attached pricing/funding schedule for the corresponding aircraft type, registration number and AMS pay item codes.</p> <p>Line item 460 funding shall not be used until line item 440 funding has \$0.00 remaining.</p>				2,676,561.21

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 0015	3. EFFECTIVE DATE 04/01/2014	4. REQUISITION/PURCHASE REQ. NO. 0040141737	5. PROJECT NO. (if applicable)	
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (if other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	
8. NAME AND ADDRESS OF CONTRACTOR (No, street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		(x)	9A. AMENDMENT OF SOLICITATION NO.	
CODE 0071061255 FACILITY CODE			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	
			10B. DATED (SEE ITEM 13) 01/05/2012	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 9 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) See Schedule		Net Increase:		\$429,000.00
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.			
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
X	D. OTHER (Specify type of modification and authority) C30 Limitation of Government's Obligation			
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return 1 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) FIXED WING FLIGHT SERVICES IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC AND POLAR REGION SUPPORT 2014. Reason for Modification : Supplemental Agreement for work within scope				
The contractor shall provide (b) (4) and (b) (4) (b) (4) to support the National Science Foundation in the Arctic and Polar Regions in accordance with B1.1.1.2. Arctic Programs and the attached Statement of Work, Arctic Flight Services 2014. The service performance period is planned for April 9, 2014 through April 25, 2013 dependent on weather and ice conditions.				
All Daily Availability, Flight Time and other items are based on Government estimates to Continued ...				
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print) JOHN HARMER, President		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David Hershey		
15B. CONTRACTOR/OFFEROR 		15C. DATE SIGNED 04/04/2014		16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)		(Signature of Contracting Officer)		16C. DATE SIGNED 4/8/14
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0015

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2 3

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.</p> <p>Obligated Amount for this Modification: \$429,000.00 New Total Obligated Amount for this Award: (b) (4)</p> <p>Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>FOB: Destination Period of Performance: 04/01/2014 to 08/31/2014</p> <p>Add Item 00470 as follows:</p>				
00470	<p>NSF-Fixed Wing Flt Services Arctic Region 2014 Obligated Amount: (b) (4)</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0015

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3 3

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00480	<p>complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.</p> <p>Add Item 00480 as follows:</p> <p>NSF-Fixed Wing Flt Services Arctic Region 2014 Obligated Amount: (b) (4) IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p>				(b) (4)



Statement of Work Flight Services NSF-Arctic Region

1.0 Objectives

CH2M Hill, Polar Field Services, SRI, and UMIAQ form the CPS team that provides support services for Arctic research activities that are funded by the National Science Foundation (NSF), Division of Polar Programs (PLR). The NSF is a U.S. government agency that promotes scientific research.

On behalf of the NSF, CPS will acquire fixed wing aircraft flight services from Kenn Borek Air, Ltd. (KBA), under Contract D12PC00113.

The 2014 support requirements include:

1. (b) (4) working at Ice Station Barneo near the geographic North Pole arriving 11 April and departing 21 April. The work will include multiple landings on virgin sea ice. The end date may be extended by two to four days for work between Barneo and CFS Alert contingent on NSF approval to maintain the Switchyard time-series. The possible extension is included in the attached project estimate.
2. (b) (4) working at Station Nord for approximately one week arriving 14 April and departing 18 April. The aircraft will perform grid surveys over the sea ice in search of an experiment with possible landing(s) on virgin sea ice.
3. (b) (4) operating between Kangerlussuaq and Summit Station, Greenland arriving on 16 April departing 18 April to open the station for Spring/Summer operations.

2.0 Scope

2.1 Sea Ice work in Barneo Region: 11 April → 21 April

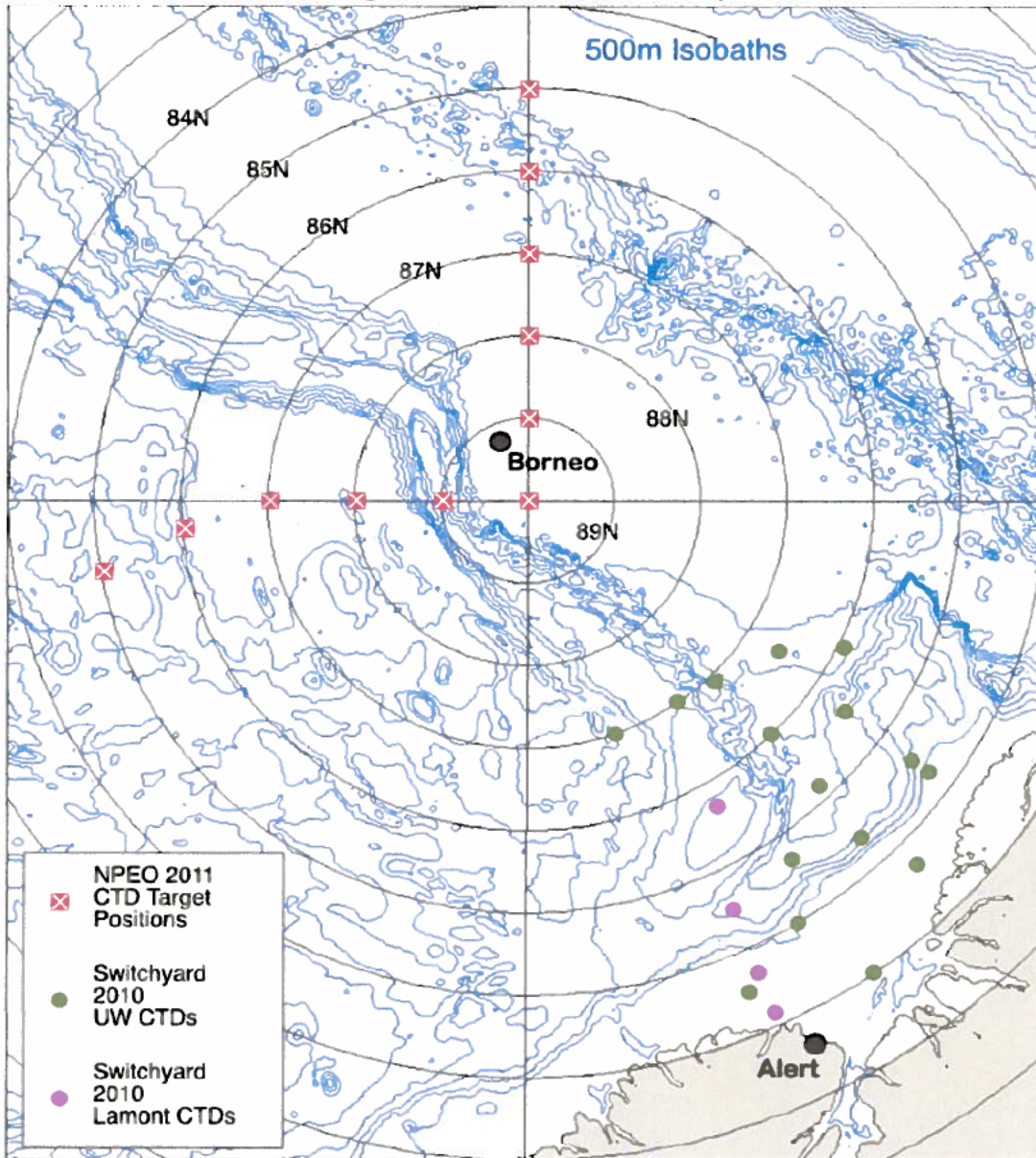
An Ice Station is created at ~89° North each April by a Russian organization in support of research and tourism. Ice Station "Barneo" consists of berthing, kitchen facilities, and a runway maintained for jet aircraft that arrive from Russia and Longyearbyen, Norway. Two MI-8 helicopters are also based at the facility primarily to support tourism with the occasional science support mission.

The Barneo aviation support will consist of Conductivity, Temperature and Depth of seawater (CTD) casts made from a ski-equipped Twin Otter landing on the sea ice at multiple sites along 90° E and 180° (see below). CTD is an essential oceanographic tool used to measure seawater. The instrument has a number of bottles that can be selectively closed to collect isolated water samples at different depths. The casts are made through a hole drilled next to the parked aircraft by a team of two. A tent-like vestibule attached to the plane and a portable heater allows the team to conduct the hydrocasts from the heated interior of the plane using multiple sensors. Water samples are obtained at up to six depths with Niskin bottles attached to the Kevlar winch line. An internal auxiliary fuel tank is required to support extended range flight operations. CPS will provide accommodation for the crew through a contract with Polar Expeditions. KBA has supported this effort since 2004.



Statement of Work Flight Services NSF-Arctic Region

Target sites in the Borneo Region are indicated with red squares.



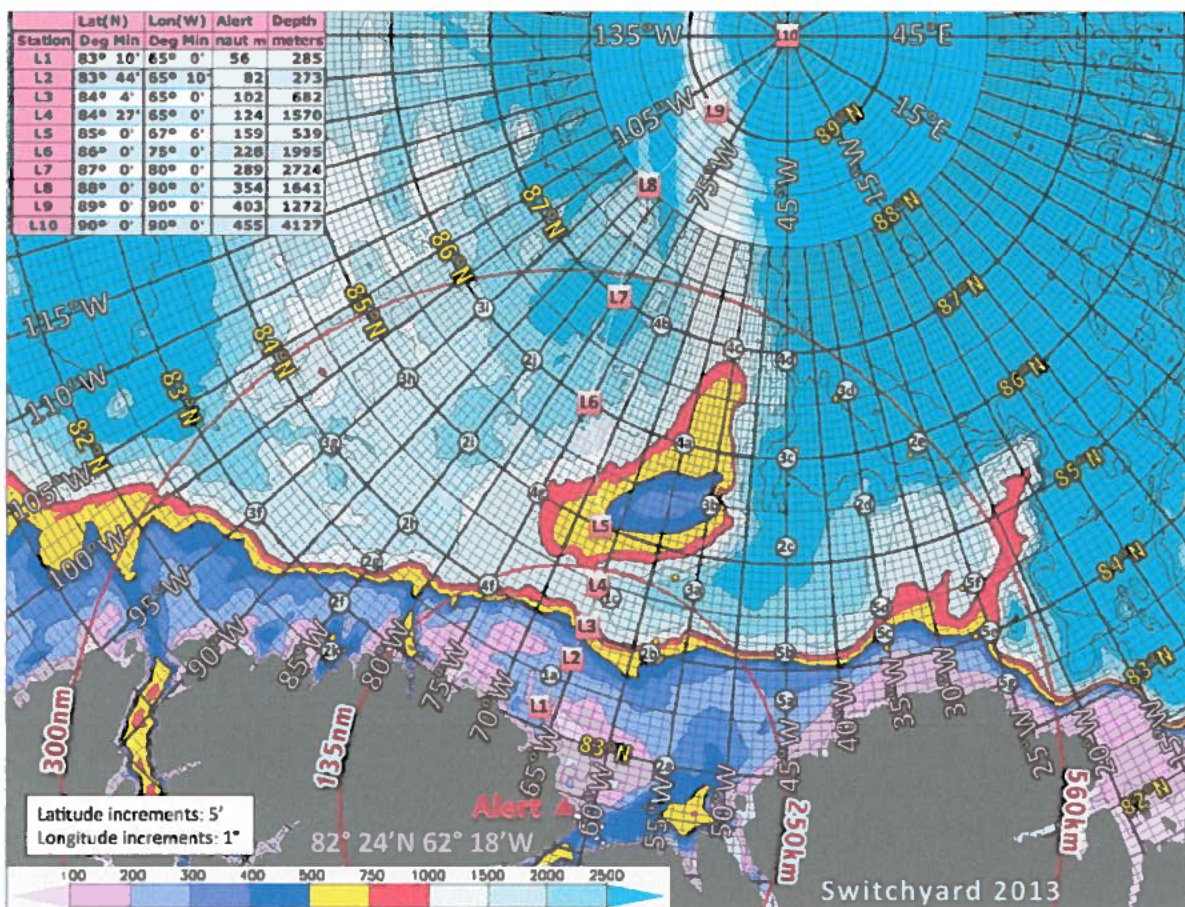


Statement of Work Flight Services NSF-Arctic Region

2.2 Sea Ice work between Barneo and CFS Alert: 21 April → ~24 April

To continue the Switchyard time-series, the Barneo aircraft will perform a lighter version of the work above with one researcher using a CTD mounted on a downrigger to capture measurements at 500 and 1000-meter depths. This support will occur over two days at 89°, 88°, 87° on the southbound leg from Barneo, and 86°, 85°, and 84° on the next day north from CFS Alert. The 24 April finish date includes contingency for potential weather delays at Alert, but it is conceivable this project could be finished by 22 April if the weather permits. An internal auxiliary fuel tank is required to support extended range flight operations. CPS will provide fuel and accommodation for the crew through a contract at Alert with Canadian Defence. KBA has supported this project since 2004.

Pink squares L1 – L10 are targets for water sampling. The objection is to reach one site at each degree of latitude south from the pole at 89°, 88°, 87°, 86°, 85°, 84°, and 83°. Weather may not permit the aircraft to visit each site, as this will be a short duration campaign.





Statement of Work Flight Services NSF-Arctic Region

2.3 Sea Ice work from Station Nord NE Greenland 14 April - ~18 April *

Station Nord is a military and scientific station in northeastern Greenland 1700 km north of the Arctic Circle at 81°36'N, 16°40'W.

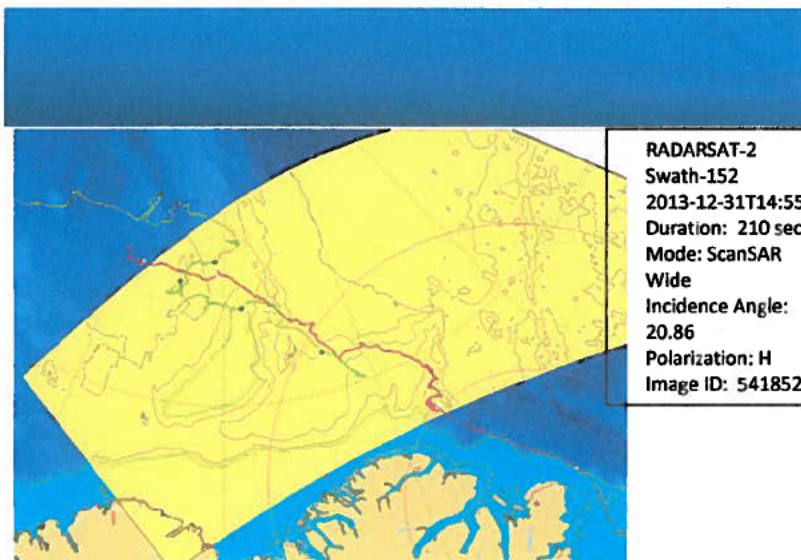
In 2013 Kenn Borek provided air support for a DARPA project that deployed a transmitter (Tx) and receiver (Rx) array west of the North Pole. The Tx has drifted south and is approaching the Atlantic Ocean. The Rx experienced a battery failure and stopped reporting in mid-December approximately 230 nautical miles northwest of Station Nord. The DARPA team believes they have identified the ice floe where the Rx was deployed and are monitoring its movement using RadarSat imagery. Sea ice model projections indicate the Rx may be well within 150 miles of Nord by April.

A team of two will meet Kenn Borek personnel in Resolute and fly to Station Nord. They intend to fly up to four days worth of grid surveys over the sea ice in an attempt to locate the Rx. They will solicit the aircrew's advice on appropriate altitudes and patterns for this type of search. If the Rx is located, and the aircraft can land in the vicinity, the team will recover 8 SDHC cards from the instrument and place a tracking beacon on it for potential recovery at sea later in the year. The team of two will then return to Iqaluit with the (b) (4). An internal auxiliary fuel tank is desired, but not required to support extended range flight operations.

* Note: In 2014, Kenn Borek Air will require (b) (4)

(b) (4)

Grid survey area north of Station Nord. RadarSat swath from 2013.12.31





Statement of Work Flight Services NSF-Arctic Region

2.4 Summit Station Spring Opening 16 April Kangerlussuaq, GL

Summit Station is located at the peak of the Greenland ice cap at 72°35'46"N 38°25'19"W, 10,530 feet (mean sea level) elevation. Summit is a scientific research station sponsored by the National Science Foundation.

On 16 April a (b) (4) will be used to open Summit Station for the 2014 season. Summit has an existing skiway that is maintained for LC-130s and other aircraft. Five personnel are currently at the station and will provide weather observations as well as other flight support and fuel as necessary.

The flight will originate in Kangerlussuaq, GL. There will be a maximum of 18 passengers and we will optimize available cabin load with personal gear, scientific equipment, and operational resupply.

CPS has an operational hub in Kangerlussuaq with staff to assist the aircrew. Kangerlussuaq is a commercial airport with aviation support services. CPS will provide accommodation for the aircrew in Kangerlussuaq.



Statement of Work Flight Services NSF-Arctic Region

Project Estimate High Arctic (DARPA-Nord, Barneo & Possible Swyd)

1.0 (b) (4)		9 April, 2014	Quantity	Rate	Total
Deployment Calgary - Resolute - Alert (2100 NM)					
AV - Availability	(b) (4)		(b) (4)	(b) (4)	(b) (4)
FT - Flight Time	(b) (4)				
PD - Per Diem	(b) (4)				
SC - Fuel	(b) (4)				
SC - En route landing / handling fees	(b) (4)				
			(b) (4)	Deploy Sub-Total	(b) (4)
Redeployment Alert-Resolute (600 NM)		25 April, 2014			
AV - Availability	(b) (4)		(b) (4)	(b) (4)	(b) (4)
FT - Flight Time	(b) (4)				
PD - Per Diem	(b) (4)				
SC - Fuel	(b) (4)				
SC - En route landing / handling fees	(b) (4)				
			(b) (4)	Redeploy Sub-Total	(b) (4)
Redeployment Alert-Resolute-Calgary (2100 NM)		25 April, 2014			
AV - Availability	(b) (4)		(b) (4)	(b) (4)	(b) (4)
FT - Flight Time	(b) (4)				
PD - Per Diem	(b) (4)				
SC - Fuel	(b) (4)				
SC - En route landing / handling fees	(b) (4)				
			(b) (4)	Redeploy Sub-Total	(b) (4)
2.0 Project Support					
(b) (4) (AV)	Period of Performance:	4/11/2014 - 4/24/2014	(b) (4)	(b) (4)	(b) (4)
(Barneo) (FT)	Hours Estimate:	(Assumption 100% Barneo)			
(b) (4) (AV)	Period of Performance:	4/11/2014 - 4/24/2014			
(FT)	Hours Estimate:	(Assumption 100% SAR, SWYD, Nord)			
Eureka	4/11-4/14, 4/18-4/24				
SC - Fuel	(b) (4)	(b) (4)			
SC - En route landing / handling fees	(b) (4)	(b) (4)			
SC - Daily Eureka Wx Station Fees	(b) (4)	(b) (4)			
				Project Support Sub-Total	(b) (4)
(b) (4)			(b) (4)	(b) (4)	(b) (4)
SC - Sea Ice Landings				Sea Ice Sub-Total	(b) (4)
					Grand Sub Total (b) (4)

Project Estimate Summit Greenland 2014

1.0 (b) (4)		15 April, 2014	1340 NM En Route	Quantity	Rate	Total
Deploy Resolute - Iqaluit - Kangerlussuaq						
AV - Availability	(b) (4)			(b) (4)	(b) (4)	(b) (4)
FT - Flight Time	(b) (4)					
PD - Per Diem	(b) (4)					
SC - Fuel	(b) (4)					
SC - En route landing / handling fees	(b) (4)					
			(b) (4)	Deploy Sub-Total	(b) (4)	
Redeploy Kangerlussuaq - Iqaluit		19 April, 2014	490 NM En Route			
AV - Availability	(b) (4)			(b) (4)	(b) (4)	(b) (4)
FT - Flight Time	(b) (4)					
PD - Per Diem	(b) (4)					
SC - Fuel	(b) (4)					
SC - En route landing / handling fees	(b) (4)					
			(b) (4)	Redeploy Sub-Total	(b) (4)	
2.0 Project Support						
(b) (4) (AV)	Period of Performance:	16-18 April, 2014	(b) (4)	(b) (4)	(b) (4)	
(FT - Flight Time)	Hours Estimate:					
(PD - Per Diem)	(b) (4)					
				Project Support Sub-Total	(b) (4)	
3.0 Misc Greenland Handling Fees						
SC	Multiple takeoff/landing/handling at BGSF with cargo and pax			(b) (4)	(b) (4)	(b) (4)
SC	Fuel for Project Support from BGSF (US Gal)					
				Misc Sub-Total	(b) (4)	
					Grand Sub Total (b) (4)	
					Total Estimate (b) (4)	



Statement of Work Flight Services NSF-Arctic Region

The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.

All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2 AMENDMENT/MODIFICATION NO 0016		3 EFFECTIVE DATE 06/02/2014	4 REQUISITION/PURCHASE REQ. NO. 0040153390	1 CONTRACT ID CODE	PAGE OF PAGES 1
6 ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		CODE D41	7 ADMINISTERED BY (if other than item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		
8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		9A AMENDMENT OF SOLICITATION NO (X)			
CODE 0071061255		FACILITY CODE			
		9B DATED (SEE ITEM 11)			
		10A MODIFICATION OF CONTRACT/ORDER NO D12PC00113			
		10B DATED (SEE ITEM 13) 01/05/2012			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended. is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 9 and 10, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required)
01 Net Increase: \$178,362.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A

B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43 103(b)

C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF

D OTHER (Specify type of modification and authority)

X C30 Limitation of Government's Obligation, C1 (FAR 52.212-4 (c) Changes

E. IMPORTANT: Contractor is not X is required to sign this document and return _____ 1 _____ copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

FIXED WING FLIGHT SERVICES IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC AND POLAR REGION SUPPORT 2014.

The purpose of this modification is as follows:

A. Change contract language, paragraph B4.2.7

B. Provide funding for Arctic Programs, SCARF Project, Line 490

A. Remove paragraph B4.2.7 through B4.2.7.2 and replace with the following:

B4.2.7 Landing Gear

B4.2.7.1 For Arctic operations aircraft shall be equipped with either spring ski or

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10A as heretofore changed, remains unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print) John Harmer, President	15B CONTRACTOR/OFFEROR	15C DATE SIGNED June 3 2014	16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	16B UNITED STATES OF AMERICA	16C DATE SIGNED 6/6/2014
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CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0016

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>wheel/ski landing gear (as required by mission).</p> <p>B4.2.7.2 For Antarctic operations (with the exception of deploying and redeploying via Rothera Research Station) aircraft shall be equipped with spring skis.</p> <p>B4.2.7.3 For all other off-strip operations, aircraft shall be equipped with landing gear appropriate for wheeled operations sometimes called "Hi Flotation". Transport Canada/FAA STC, TC or 337 approved for (b) (4) is acceptable.</p> <p>B. The contractor shall provide (b) (4) (b) (4) capable of off-strip operations in support of the National Science Foundation in the Arctic and Polar Regions in accordance with B1.1.1.2. Arctic Programs, Schedule A CLIN 15 and the attached Statement of Work, Flight Services, Arctic Region, Small Canadian Arctic River Flows (SCARFS) project, 2014. The performance period is planned for June 23, 2014 through July 8, 2014, dependent on weather conditions.</p> <p>All Daily Availability, Flight Time and other items are based on Government estimates to complete this project. The contractor shall be paid for actual services performed, not to exceed the estimated values stated in the pricing schedule.</p> <p>Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 04/01/2014 to 08/31/2014</p> <p>Add Item 00490 as follows: Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0016

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3 3

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00490	<p>NSF-Fixed Wing Flt Services Arctic Region, SCARFS 2014 Obligated Amount: \$178,362.00</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values stated on the attached pricing schedule.</p>				178,362.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

0017

06/11/2014

6. ISSUED BY

CODE

D41

Interior Business Center, AQD
Division 4/ Branch 1
300 East Mallard Drive
Suite 200
Boise ID 83706

7. ADMINISTERED BY (If other than Item 6)

CODE

D41

DOI, Interior Business Center, AQD
Division 4/ Branch 1
300 East Mallard Drive
Suite 200
Boise ID 83706

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

BOREK, KENN AIR LTD
Attn: ATTN GOVERNMENT POC
290 MCTAVISH RD NE
CALGARY AB T2E 7G5

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
D12PC00113

10B. DATED (SEE ITEM 13)

01/05/2012

CODE 0071061255

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Decrease:

-\$567,741.56

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X FAR 52.212-4 (c) Changes

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC AND POLAR REGION SUPPORT 2014.

Reason for Modification : Funding Only Action

The purpose of this modification is to de-obligate remaining funds on line items 430, 450 and 460 from the 2013-2014 Antarctica Season. All deliverables have been received, all invoices have been paid and the contractor hereby provides release of claims on these line items.

Obligated Amount for this Modification: -\$567,741.56

New Total Obligated Amount for this Award: (b) (4)

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

J. HARMER PRESIDENT

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Michael Willis

15B. CONTRACT/OFFEROR

16C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

NSN 7540-01-52-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0017

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00430	<p>CHANGES:</p> <p>Line Item 430 total amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Line Item 450 total amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Line Item 460 total amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Payment Terms: PP30 FOB: Destination Period of Performance: 04/01/2014 to 08/31/2014</p> <p>Change Item 00430 to read as follows (amount shown is the obligated amount):</p> <p>(b) (4) Obligated Amount: (b) (4)</p> <p>Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) (b) (4) to the contract to support the NSF and the Center for Remote Sensing of Ice Sheets (CReSIS) in accordance with the attached Statement of Work, titled Aircraft Modification, (b) (4) (b) (4) Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0017

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Payment for the modification will be made on a firm fixed price as detailed in the Statement of Work (SOW), for Items 3.1, 3.2 and 3.3 and shall not exceed the total stated in the SOW. Payment for Item 4.0 will be for actual time expended and not to exceed the estimated cost.</p> <p>Change Item 00450 to read as follows (amount shown is the obligated amount):</p> <p>00450 KBA-FIXED WING FLIGHT SVS TRANSPORT PERSONNEL Obligated Amount: (b) (4)</p> <p>Delivery Location Code: 0008755407 DOI Aviation Management - Acquisiti 300 E Mallard Dr, Ste 200 Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWDAQE000.1K0000 Fund: XXXD4523WD Fund Center: DS68694300 Project/WBS: DR.NONFT.13NSF102 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The contractor shall provide fixed wing flight services in support of the NSF-Antarctica to transport personnel from the South Pole to McMurdo Station. The services include (b) (4) (b) (4) The aircraft will depart Calgary on or about September 27, 2013 and arrive McMurdo Station Antarctica on or about October 5, 2013. The aircraft will fly to the South Pole on October 6 and extract required passengers and return to McMurdo Station. See the attached Pricing/Funding Schedule for details.</p> <p>Change Item 00460 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00460	<p>NSF-Fixed Wing Flt Services-2nd Funding Installment 2013-2014 Obligated Amount: (b) (4)</p> <p>Delivery Location Code: 0009836858 Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0017

PAGE 4 OF 4

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>ACQ Aviation 300 East Mallard Drive Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The Contractor shall provide fixed wing flight services for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP) and NSF's Arctic Program.</p> <p>The contractor shall submit flight data (Daily Availability, Flight Time, Unavailability, etc.) on separate OAS-23's, Aircraft Use Reports, for each aircraft. The flight data will be uploaded to the Aviation Management System (AMS) by the contractor no sooner than every 14 days. See the attached pricing/funding schedule for the corresponding aircraft type, registration number and AMS pay item codes.</p> <p>Line item 460 funding shall not be used until line item 440 funding has \$0.00 remaining.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0018	3. EFFECTIVE DATE 07/30/2014	4. REQUISITION/PURCHASE REQ. NO. 0040169563	5. PROJECT NO. (If applicable)
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41
8. NAME AND ADDRESS OF CONTRACTOR (Firm, street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		9A. AMENDMENT OF SOLICITATION NO. 00	9B. DATED (SEE ITEM 11)
CODE 0071061255	FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	10B. DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the closing hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$334,890.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: B1.1.1 Aircraft Modifications, C30 Limitation of Government's Obligation
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2014-2015.
Reason for Modification : Supplemental Agreement for work within scope

A. Add Line Item 500, (b) (4) to the contract to support the NSF and the University of Texas in accordance with the attached Statement of Work (SOW), titled Aircraft Modification, (b) (4)

B. Funding for this modification in the amount of \$334,890, IAA: AIL-1156664.
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) John H. ...	15B. DATE SIGNED 7/31/2014	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 7/31/2014
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NAME OF OFFEROR OR CONTRACTOR
BORER, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00500	<p>C. The attached statement of work is hereby incorporated into the contract and all terms and conditions shall have the full force and effect as the contract. In accordance with the statement of work, KBA will supply a complete data package to include drawings, documents, engineering designs, Transport Canada approval documents and any other relevant items produced for this modification.</p> <p>Payment Terms: PP30</p> <p>Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Unknown</p> <p>Add Item 00500 as follows:</p> <p>(b) (4) Mod Obligated Amount: \$334,890.00</p> <p>(b) (4) KBA shall perform the (b) (4) to support the NSF and the University of Texas in accordance with the attached Statement of Work, titled Aircraft Modification, (b) (4)</p> <p>(b) (4)</p> <p>All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.2 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts.</p>				334,890.00

Kenn Borek Air Ltd.



**STATEMENT OF WORK (SOW)
Aircraft Modification**

(b) (4)

With

Kenn Borek Air Ltd.

For

**University of Texas (GIMBLE program)
&
National Science Foundation (NSF)**



1.0 INTRODUCTION

This Statement of Work (SOW) is for the installation of U Texas supplied survey equipment on a (b) (4)

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work, information provided, and U Texas provided list of aircraft requirements.

2.0 SCOPE

The installation and Certification will consist of the items listed in Section 3 and 4.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the customer prior to implementation.

KBA will supply engineering services, airworthiness approval, and aircraft modification for the installation.

The aircraft modifications will be completed by KBA in Calgary Alberta, Canada for the National Science Foundation (NSF).

KBA will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

2.1 Item supplied by KBA

- (b) (4) modified to suit U Texas equipment requirements to fly the installation previously flown on (b) (4)
- Certification and installation of new components: pilot display, wing conduits.

2.2 Items Supplied by U Texas

- All Survey equipment with associated hardware and cabling to arrive in Calgary up aircraft modifications being started to aid in aircraft modifications with equipment dependent details (radar antennas, equipment racks, etc.).
- Survey specific parts/materials required for equipment installation if other than standard aircraft specification – such as coax cables for radar antennas and GPS antennas, magnetometer data cable, etcetera.

2.3 Flight Test and Transport Canada Certification

- A short, single flight test will be performed upon installation of all U Texas equipment in the aircraft.

2.4 Schedule (Approximate, to be further defined)

- Aircraft arrives in Calgary for modifications around August 4th.
- KBA to perform modifications August through first week of September.

Kenn Borek Air Ltd.



- Installation/testing of equipment 2nd and 3rd weeks of September.



Kenn Borek Air Ltd.

3.0 AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS

Item	Description	Notes	Labor	Material	Total
3.1	ENGINEERING				
3.1.1	Transport Canada Certification Overall Project: Including items such as EM characteristics, cabin layout, emergency egress, and etcetera.	<p>Services performed by (b) (4)</p> <p>The cabin equipment approval will require the addition of (b) (4) to the allowed aircraft list. (b) (4)</p> <p>(b) (4)</p> <p>The existing approvals for the wing hardpoints, antenna installation already list (b) (4) so no new certification required.</p> <p>(b) (4)</p>	(b) (4)	(b) (4)	(b) (4)
3.1.2		(b) (4)			
3.1.3		(b) (4)			
3.1.4		(b) (4)			
3.1.5		(b) (4)			
3.1.6		(b) (4)			



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Item	Description	Notes	Labor	Material	Total
3.2	AIRFRAME MODIFICATION & INSTALLATION		(b) (4)	(b) (4)	(4)
3.2.1		(b) (4)			
3.2.2					
3.2.3					
3.2.4					
3.2.5					
3.2.6					
3.2.7					
3.2.8					



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Item	Description	Notes	Labor	Material	Total
3.2.9	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
3.2.10	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
3.2.11	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
3.3.12	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
3.3.13	Shop Supplies	Basic shop supplies are included in labor costs.			
			Total Modification Cost: (b) (4)		



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4.0 AIRCRAFT COSTS (OPERATIONS)

Item	Description	Location	Notes	Time	Cost
4.1	MODIFICATION INSTALLATION	KBA Hangar (Calgary)	As per contract aircraft rate of (b) (4)	(b) (4)	(4)
4.2	CERTIFICATION FLIGHT TESTS	Calgary Area	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn: (b) (4)	(b) (4)	(4)
4.3	CALIBRATION AND/OR SURVEY TEST FLIGHTS				
4.3.1	Ground Tests	Calgary Hangar	As per contract aircraft rate of (b) (4) and fuel used if engines started.	(b) (4)	(4)
4.3.2	Flight Tests	Ghost Lake, Alberta (Near Calgary, generally a location requirement for transmitting radar frequencies)	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable) and per diems. Fuel Burn: (b) (4)	(b) (4)	(4)

Total Estimated Aircraft Cost:

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0019	3. EFFECTIVE DATE 08/28/2014	4. REQUISITION/PURCHASE REQ. NO. 0040177135	5. PROJECT NO. (If applicable)
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 0071061255 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	
		10B. DATED (SEE ITEM 13) 01/05/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods (a) By completing Items 8 and 15, and returning _____ copies of the amendment (b) By acknowledging receipt of this amendment on each copy of the offer submitted or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$1,456,596.13

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) C25 Option to Extend, C29 Incrementally Funded, C30 Limitation of Government's Obligation


E. IMPORTANT: Contractor is not. is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2014-2015.

The purpose of this modification is as follows:

- A. This modification exercises the option to extend the term of the contract, Option Year 3, Contract Year 4 in accordance with C25.
- B. The rates are hereby changed in accordance with C31.2 Economic Price Adjustment. See the attached schedule of items.
- C. This modification provides the first installment of funding for Contract Year 4, Option Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR OFFICER SIGNATURE FOR YOUR RECORDS SIGNATURE & RETURN NOT REQUIRED	16B. UNITED STATES OF AMERICA 
15C. DATE SIGNED	16C. DATE SIGNED 8/28/2014

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0019

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00510	<p>3, 2014 to 2015 in accordance with C29 Incrementally Funded Fixed Price Contract. Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015</p> <p>Add Item 00510 as follows:</p> <p>NSF-Antarctica/Arctic Fixed Wing Flight Services-1st Funding Installment 2014-2015 Obligated Amount: \$1,456,596.13</p> <p>The Contractor shall provide fixed wing flight services for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP).</p> <p>The contractor shall submit flight data (Daily Availability, Flight Time, Unavailability, etc.) on OAS-23's, Aircraft Use Reports, for each aircraft. The flight data will be uploaded to the Aviation Management System (AMS) by the contractor no sooner than every 14 days. See the attached pricing/funding schedule for the corresponding aircraft type, registration number and AMS pay item codes.</p>				1,456,596.13

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO 0020		3. EFFECTIVE DATE 09/04/2014		4. REQUISITION/PURCHASE REQ. NO 0040177956	
5. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		6. CODE D41		7. ADMINISTERED BY (If other than item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 293 MCTAVISH RD NE CALGARY AB T2E 7G5		9A. AMENDMENT OF SOLICITATION NO <input type="checkbox"/> 9B DATED (SEE ITEM 11)		9B. MODIFICATION OF CONTRACT/ORDER NO D12PC00113 <input checked="" type="checkbox"/> 9C DATED (SEE ITEM 13) 01/05/2012	
CODE 0071061255		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers. is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 13, and returning _____ copies of the amendment; (b) By acknowledging receipt of the amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of the amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$67,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF 51.1.1 Aircraft Modifications, C29 Incrementally Funded, C30 Limitation of Government's Obligation
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return _____ 1 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by USCP section headings, including solicitation/contract subject matter where feasible)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2014-2015.
Reason for Modification: Supplemental Agreement for work within scope.

A. Add Line Item 520, DHC-6 Twin Otter Antarctica Mapping Project, Aircraft modification.

B. Funding for this modification in the amount of \$67,000, FAA-1156664, NCALM Project Funding

Payment Terms:
PP30

Delivery Location Code: 0009836858

Continued ...

Exempt as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF BUYER (Type or print) BRIAN CROCKER, OPERATIONS MANAGER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	
15B. CONTRACTING OFFICER 		16B. UNITED STATES OF AMERICA 	
15C. DATE SIGNED 12 SEPT. 2014		16C. DATE SIGNED 9/10/2014	

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00520	<p>ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHQAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015</p> <p>Add Item 00520 as follows:</p> <p>Aircraft Modification - NCALM Project Antarctica Obligated Amount: \$67,000.00</p> <p>DHC-6 Twin Otter Antarctica Mapping Project, Aircraft modification. KBA shall perform the NCALM installation in support of National Center for Airborne Laser Mapping and the NSF in accordance with the attached Statement of Work.</p> <p>All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.3 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts</p>				67,000.00

Kenn Borek Air Ltd.



STATEMENT OF WORK (SOW)

Aircraft Modification
Contract D12PC00113

DHC-6 TWIN OTTER
Antarctic Mapping Project

With

Kenn Borek Air Ltd.

For

National Center for Airborne Laser Mapping
(NCALM)

&

National Science Foundation (NSF)



1.0 INTRODUCTION

This Statement of Work (SOW) is for the installation of the NCALM supplied equipment on a Kenn Borek Air DHC-6 Twin Otter. Installation will be applicable and transferable to any KBA DHC-6 Twin Otter with a camera port under contract to the NSF.

Kenn Borek Air Ltd. (KBA) will supply engineering services, airworthiness approval, aircraft modification, and equipment installation for the complete installation.

The aircraft modifications will be completed by KBA at our facility in Calgary Alberta, Canada for the National Science Foundation (NSF).

Costs given in this Statement of Work (SOW) are estimated based on current known scope of work and information provided.

Should the scope of the installation change, pricing may need to be adjusted. Any change in pricing will be discussed with the Contracting Officer prior to implementation.

KBA will supply the customer with a data package sufficient to prove appropriate Transport Canada approvals have been obtained for all relevant aircraft modifications and equipment installed.

2.0 SCOPE

The installation and Certification will consist of the following items:

- 2 camera port mounted LIDAR systems to be certified – one primary system, and one backup system. Only one to be installed at any given time. Includes 1 equipment rack in cabin.
- Certification Flight Testing (EMI only – no external components, aerodynamic not required).

2.1 Items Supplied by NCALM

- All survey specific equipment, sensors, antennas, cabling, and racks.
- Any power condition equipment required (b) (4)
- Engineering support of the installation to aid in the Transport Canada certification process. Examples would be radiated frequencies, component descriptions, etc.

2.2 Items Supplied by Kenn Borek Air

- DHC-6 Twin Otter aircraft with camera port and (b) (4)
- Equipment interface mounts (for camera port sensor and cabin equipment).
- Personnel as required to install equipment and/or modify aircraft.
- Certification approval of equipment installation and Certification Flight Testing.

2.3 Flight Testing & Certification

- Flight Testing scope will be a routine 2-3hr flight to confirm EMI characteristics and interactions between survey equipment and the aircraft nav/comm systems. No effects are anticipated but must be confirmed by a flight.

2.4 Schedule

- Begin installation on or about September 10, 2014.



3.0 AIRFRAME MODIFICATION & EQUIPMENT INSTALLATION COSTS

Item	Description	Notes	Labor	Material	Total
3.1 ENGINEERING					
3.1.1	Transport Canada Certification	Services performed by KBA (b) (4) Estimate is based past projects of similar scope to that currently defined. Scope includes all Certification Engineering associated with obtaining a Transport Canada approval.	(b) (4)		(b) (4)
3.1.2	Drafting/Design	Installation drawing package for Transport Canada review and approval. Consists of generating drawings for cabin layout, cabin-mounted survey equipment, GPS Antenna(s), etcetera.			
3.1.3	Project Coordination	Liaison between KBA, customer, Transport Canada (LIDAR permits for flight testing), and other project related activities.			
3.2 AIRFRAME MODIFICATION					
3.2.1	None Anticipated				
3.3 EQUIPMENT INSTALLATION					
3.3.1	(b) (4)				
3.3.2	(b) (4)				
3.3.5	(b) (4)				

Kern Borek Air Ltd.



Item	Description	Notes	Labor	Material	Total
3.3.6	(b) (4)		(b) (4)		(b) (4)
3.3.7	Shop Supplies	Basic shop supplies are included in labor costs.			

Total Modification Cost: (b) (4)

4.0 AIRCRAFT COSTS (OPERATIONS)

Item	Description	Location	Notes	Time	Cost
4.1	MODIFICATION INSTALLATION	KBA Hangar	As per contract aircraft rate of (b) (4)		(b) (4)
4.2	CERTIFICATION FLIGHT TESTS	Calgary Area	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable), and per diems. Fuel Burn: (b) (4)		(b) (4)
4.3	CALIBRATION AND/OR SURVEY TEST FLIGHTS				
4.3.2	Ground / Flight Tests	Calgary Hangar and Ghost Lake, Alberta (Near Calgary, generally a location requirement if transmitting light or radar)	As per contract aircraft rate of (b) (4) + fuel, landing and Nav fees, crew accommodations (if applicable), and per diems. Fuel Burn: (b) (4)		(b) (4)

Total Estimated Aircraft Cost: (b) (4)

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SECTION A – REQUIREMENTS AND PRICING

A1 SCHEDULE OF ITEMS

SCHEDULE A – CONTRACT LINE ITEM NUMBERS (A-CLINs)

CLIN A1 – (b) (4)

DESCRIPTION

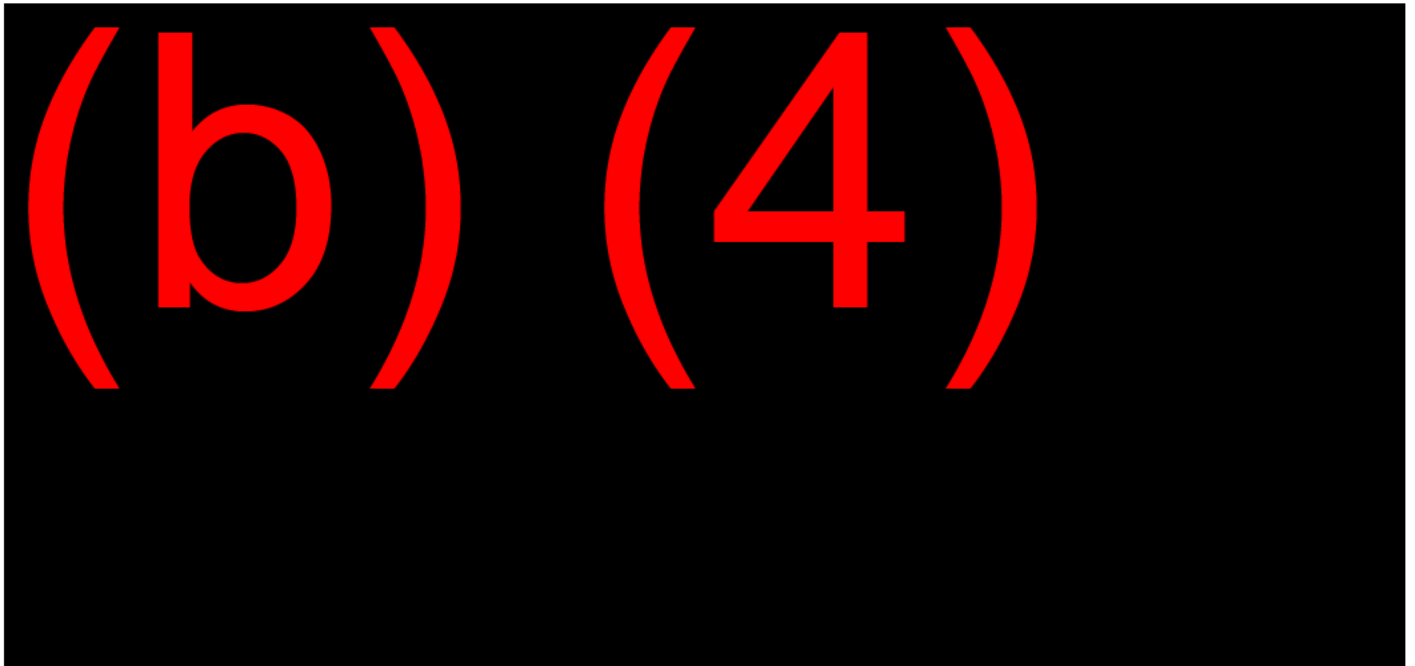
Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A1 PRICING YEAR 1

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

*Can be ordered-up in one day increments, in accordance with paragraph C27.

SECTION A – REQUIREMENTS AND PRICING

YEAR 2

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

YEAR 3

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

YEAR 4

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

YEAR 5

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A2 – (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A2 PRICING

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	2011-2012 Field Season					
A2.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.eb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b)	(4)
A2.ec	Additional Days – Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.ed	Mobilization to McMurdo Station	SC	(b) (4)	LUMP SUM	(b)	(4)
A2.ee	Demobilization from McMurdo Station	SC	(b) (4)	LUMP SUM	(b)	(4)

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A3 – (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.db	Flight Hours	FT		FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3 (b) (4)

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A4 - (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A5 - (b) (4) - “ON CALL”

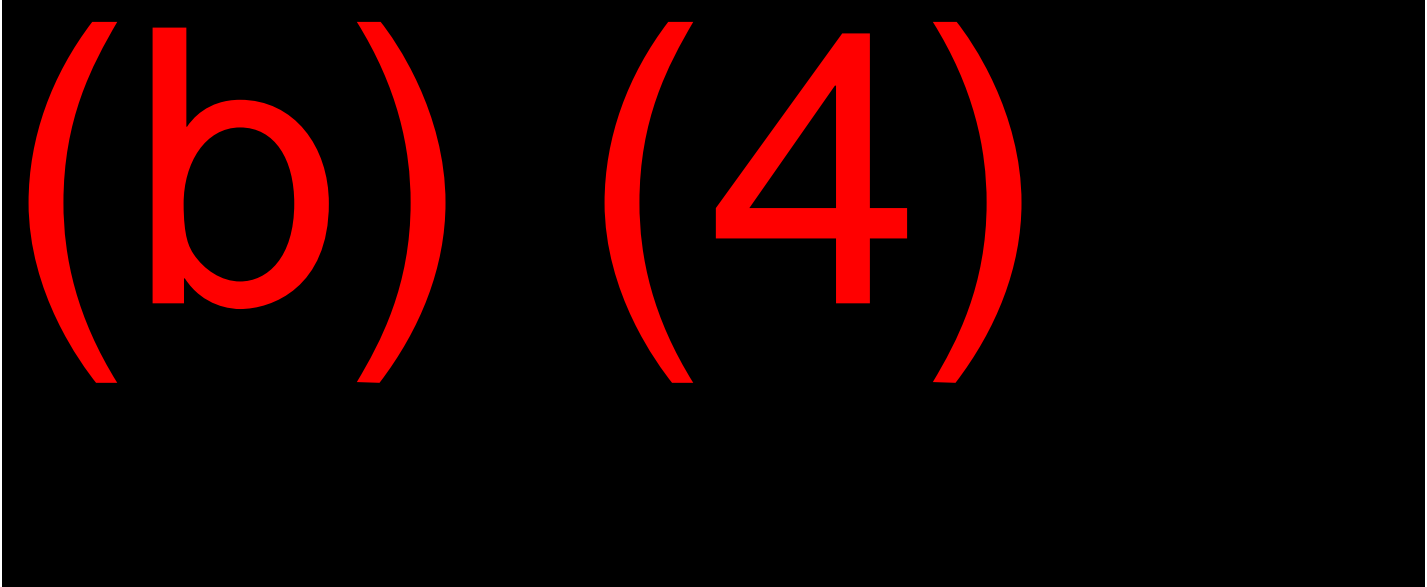
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 3 – ESTIMATED TOTAL 2015						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

SECTION A – REQUIREMENTS AND PRICING

CLIN A6 - (b) (4) - “ON CALL”

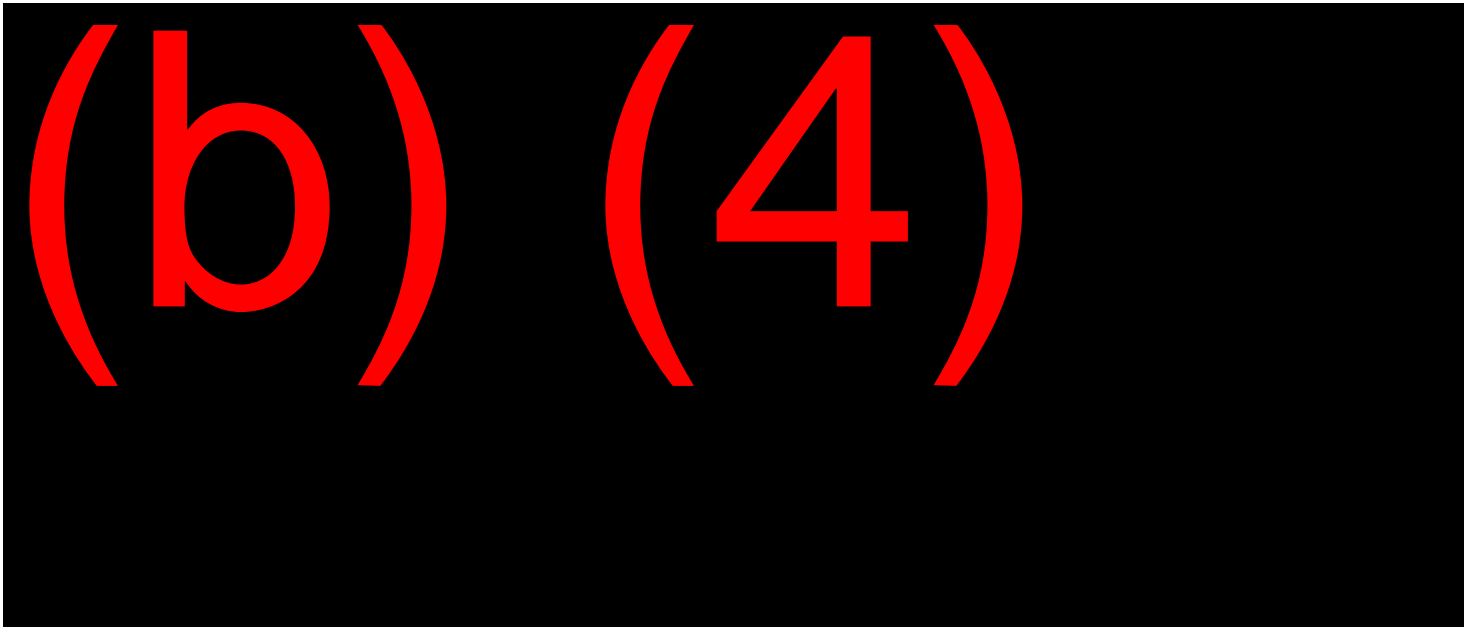
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015						(b) (4)
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SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

SECTION A – REQUIREMENTS AND PRICING

CLIN A7 - (b) (4) “ON CALL” – Mutual Agreement

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability (b) (4)	AV		DAYS		
A7.ag	Daily Availability	AV		DAYS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability (b) (4)	AV		DAYS		
A7.bg	Daily Availability	AV		DAYS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability	AV		DAYS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability (b) (4)	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.ef	Daily Availability (b) (4)	AV		DAYS		
A7.eg	Daily Availability	AV		DAYS		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at anytime during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor’s home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crews PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A8.aa	2011 Additional Crew (b) (4) Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ab	2012 Additional Crew (b) (4) Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ac	2013 Additional Crew (b) (4) Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ad	2014 Additional Crew (b) (4) Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ae	2015 Additional Crew (b) (4) Flight	P01	(b) (4)	DAYS	(b)	(4)

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crew PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A9.aa	2011 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A9.ab	2012 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A9.ac	2013 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A9.ad	2014 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A9.ae	2015 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ab	2012 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ac	2013 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ad	2014 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ae	2015 Mechanic	MC	(b) (4)	DAYS	(b)	(4)

MECHANICS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A11.aa	2011 Apprentice Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS		
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	MC		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS	(b)	(4)
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

Shop Rates for Aircraft in Maintenance - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

SHOP RATE FOR (b) (4) AIRCRAFT

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A13.ab	2012 Shop Rates (b) (4)	TBD		DAYS		
A13.ac	2013 Shop Rates (b) (4)	TBD		DAYS		
A13.ad	2014 Shop Rates (b) (4)	TBD		DAYS		
A13.ae	2015 Shop Rates (b) (4)	TBD		DAYS		

SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS

SHOP RATE FOR (b) (4) AIRCRAFT

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A14.ab	2012 Shop Rates (b) (4)	TBD		DAYS		
A14.ac	2013 Shop Rates (b) (4)	TBD		DAYS		
A14.ad	2014 Shop Rates (b) (4)	TBD		DAYS		
A14.ae	2015 Shop Rates (b) (4)	TBD		DAYS		

SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - ARCTIC POLAR REGIONS

CLIN 15-(b) (4) – Arctic and Polar Regions

DESCRIPTION

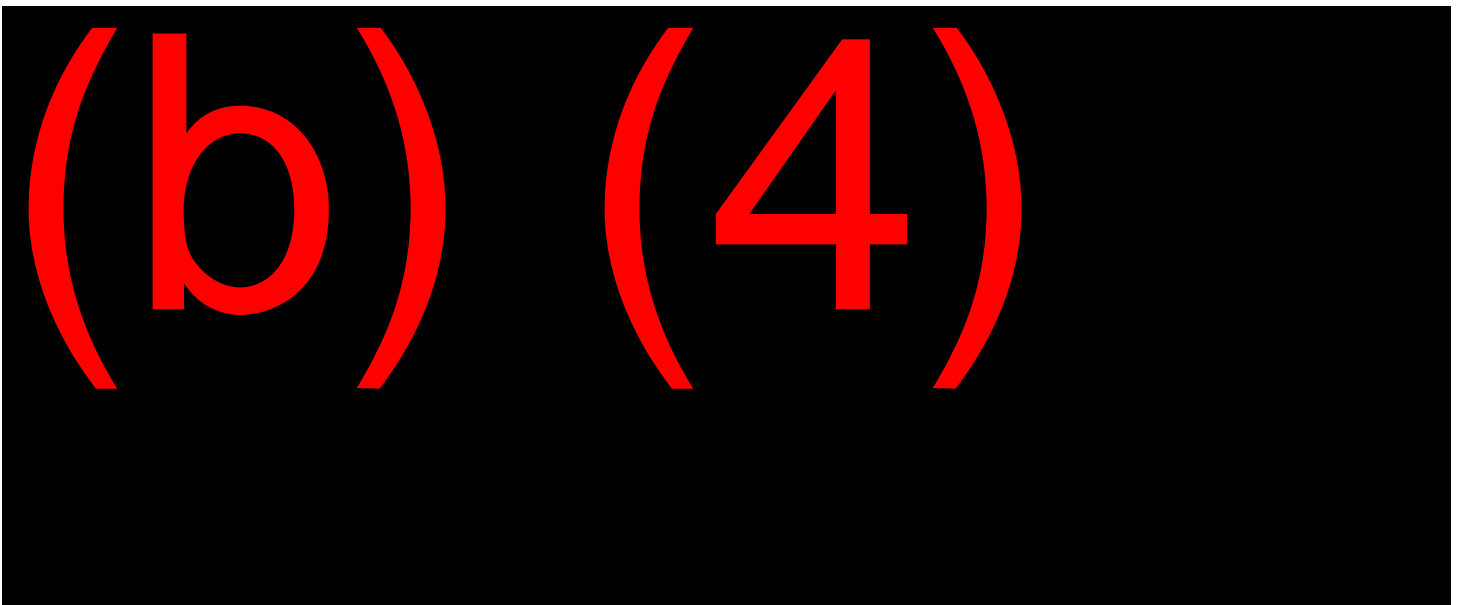
All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



Section A--Requirements and Prices

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	
15.ab	Flight Hours	FT		FLIGHT HOURS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	
15.bb	Flight Hours	FT		FLIGHT HOURS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	
15.cb	Flight Hours	FT		FLIGHT HOURS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.da	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	
15.db	Flight Hours	FT		FLIGHT HOURS		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ea	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	
15.eb	Flight Hours	FT		FLIGHT HOURS		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15

Section A--Requirements and Prices

CLIN 16- (b) (4) – Arctic and Polar Regions

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft **with no guaranteed use**. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor’s home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor’s responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor’s home base are the Contractor’s responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor’s home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

DESCRIPTION

- Designated Base: Determined by each order
- Exclusive Use Period: Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



Section A--Requirements and Prices

CLIN A16 PRICING

CLIN	DESCRIPTION 2013-2014 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.bb	Flight Hours	FT		FLIGHT HOURS		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.cb	Flight Hours	FT		FLIGHT HOURS		
OPTION YEAR 3 – ESTIMATED TOTAL 2015						

CLIN	DESCRIPTION 2015-2016 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.da	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.db	Flight Hours	FT		FLIGHT HOURS		
OPTION YEAR 4 – ESTIMATED TOTAL 2016						

TOTAL ESTIMATED PRICE FOR THREE (3) YEARS CLIN A16 (b) (4)

TOTAL ESTIMATED VALUE OF THE CLINS A1-16 (b) (4)

Section A--Requirements and Prices

A2 CONTRACTOR'S OPERATING BASES / DELIVERY POINTS

All aircraft required for CLINs 1-7 shall be delivered to the Government in accordance with the provisions in Section B of this contract. The delivery point and release point shall be McMurdo Station, Antarctica, unless otherwise specified by the Contracting Officer.

Replacement parts, materials and other consumables destined for McMurdo Station and other locations in Antarctica, not carried onboard the Contractor's aircraft, will be transported by the Government via the USAP's logistics system from Point Hueneme, CA. All costs necessary to prepare and move these items to Point Hueneme are the Contractor's responsibility. The Government will transport items not carried on-board the Contractor's aircraft that are redeployed from Antarctica to the Contractor home base via the USAP's logistics system to Point Hueneme. All costs necessary to prepare and move these items from Point Hueneme are the Contractor's responsibility. Transportation will be provided by either air or surface vessel.

SECTION B - TECHNICAL SPECIFICATIONS

B1 GENERAL REQUIREMENTS

B1.1 Scope of Contract

B1.1.1 Intent

The intent of this contract is to obtain flight services utilizing fully-functional aircraft equipped to meet specifications, operated and maintained by qualified personnel, for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP), and NSF's Arctic Program. The primary role for the aircraft in both theaters of operation will be for utility transportation services, ferrying personnel and materials to remote, often unprepared, field locations. Periodically, at least one of the aircraft will be configured with a downward-looking port, wing hard-points and in-wing cable raceways to allow the aircraft to be used for remote sensing activities to include aerogeophysical surveys, aerial photography, light detection and ranging (LIDAR) and remote digital mapping, and the operation of ice-penetrating radar systems. The Contractor will be required to modify contract aircraft to meet the needs of the program. Modifications will be requested at various levels from simple modifications to major modifications.

B1.1.1.1 United States Antarctic Program

NSF is the executive agency for the USAP. The USAP is this nation's national program of scientific research in Antarctica, and includes the activities of NSF and other U.S. Government agencies, including NASA and NOAA. As the executive agent for the USAP, NSF also has cooperative agreements with other foreign nations and will dispatch aircraft under this contract for cooperative use. The type of services required to be performed include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and Search and Rescue (SAR), as directed by the NSF.

B1.1.1.2 National Science Foundation's Arctic Program

NSF is one of many U.S. Government agencies conducting scientific research in the Arctic regions. NSF-sponsored researchers have conducted research activities in Alaska, Canada, Greenland, Russia, and within Scandinavia, often in cooperation with institutions and researchers located in the aforementioned countries and regions. The types of services required include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and search and rescue (SAR), as directed by the NSF. The Interagency Arctic Research Policy Committee, which NSF chairs, coordinates U.S. Government Arctic research activities. To fulfill agency obligations to provide logistic and operational support to projects sponsored by the US Government, foreign governments, and other parties, NSF may dispatch aircraft under this contract for cooperative use.

B1.1.2 Antarctic Aircraft Deployment

Deployment to and from Antarctica shall be conducted on an annual basis. Aircraft are flown from the Contractor's home base or other locations, through South America, and delivered to McMurdo Station, Antarctica. Aircraft redeploy from McMurdo Station, Antarctica during the first or second week of February at the end of the austral summer season.

During mobilization to McMurdo Station, the aircraft normally fly to Rothera Research Station (located at Rothera Point on Adelaide Island [67°34'S, 68°08W]), a permanent station operated by the British Antarctic Survey (BAS) under the auspices of the United Kingdom.

Rothera Station is the BAS logistics center for the Antarctic Peninsula. The station is situated on a rock and raised beach promontory at the southern extremity of Wormald Ice Piedmont, southeastern Adelaide Island. The station has a 900-meter crushed rock runway, an associated hangar and bulk fuel storage facility, and a wharf for the discharge of cargo from supply ships. There is a transitory summer population of scientists and support staff who reach Rothera either by ship or through use of an intercontinental Dash-7 aircraft flying from the Falkland Islands. Fuel, lodging, flight-following and other in-transit support is provided by BAS through an agreement with NSF at no cost to the Contractor.

From Rothera Station, the aircraft fly directly to McMurdo Station at Ross Island, Antarctica. A refueling stop is normally provided in West Antarctica (at field camp(s)), or the USAP's South Pole Station, from which the aircraft can refuel either from bulk storage containers or drums. Aircraft redeployment is accomplished in reverse order.

SECTION B - TECHNICAL SPECIFICATIONS

All coordination (including country clearances and fuel) for deployment to and redeployment from McMurdo Station, Antarctica, is the responsibility of the contractor. Contractor must submit Deployment and ReDeployment Schedules for each season (including anticipated dates of flights in and out of Rothera) to NSF **no later than September 1** each year. Upon request, the NSF will assist with international support coordination of redeployment and deployment through the continent of Antarctica.

B1.1.3 Support Sites

B1.1.3.1 Antarctic Sites

Typically, research project personnel camp at or close to their work sites. The required aircraft support for these “camp” projects will involve establishment of a campsite from McMurdo, may involve several camp moves over a period of weeks or months, full or half days of close support, moving rapidly between ground sampling sites, resupply from McMurdo and the de-establishment of the campsite. Some large projects will split their activities between the field locations and McMurdo, where there is a fully-capable scientific laboratory (Crary Lab). These camp projects will require frequent, dependable shuttles of personnel, camp supplies, and research samples between the field and the laboratory or inland stations.

The majority of the work in the field is in the following Antarctic locations: Trans-Antarctic Mountains, Western Antarctica Ice Sheet (WAIS) and glaciers, South Pole Station, the Antarctic Eastern Plateau and various deep field camps. Therefore, it is anticipated that frequently the aircraft and crew will stay overnight at locations other than McMurdo to minimize travel time to and from the work sites. Accommodation at these sites will vary between small tents to semi-permanent structures. Cook and galley facilities may be available. The contractor may have to be self-sufficient at some field locations, i.e., “camping” in austere conditions should be anticipated. Occasionally, high altitude sites must be accessed; some of these sites can experience effective pressure altitudes exceeding 14,000 feet EPA. Hence, contractor should be prepared to acclimatize for several days at lesser EPA camps/stations before proceeding to the higher EPA sites.

The terrain will vary from Ross Island (where McMurdo Station is located), which is dominated by the active 13,000-foot volcano, Mount Erebus, to fast-moving sea-ice in McMurdo Sound, to mountainous terrain of the mostly-glaciated Trans-Antarctic Mountains, the relatively-featureless Ross Ice Shelf to the southeast, and to the Polar Ice Cap, where landing elevations can reach over 11,000 feet MSL and 14,000 feet EPA (e.g., Vostok Station).

B1.1.3.2 Arctic Sites

Each year the Office of Polar Programs (OPP) supports approximately 150 projects throughout the Arctic. About half the projects are in Alaska, but the remainder is spread throughout the Arctic, including the Arctic Ocean. Light Utility aircraft are used occasionally in Alaska, but more often in Nunavut, Canada, with springtime operations in the Arctic Ocean and in Greenland. The most concentrated effort, normally supported by Light Utility aircraft, is in support of ocean sampling sites in a broad region between the Canadian Forces Station Alert and the North Pole. This work occurs for several weeks between March and May of each year and involves transport of science teams and their equipment between sea-ice field sites. In Greenland, the work occurs throughout the year but mostly between May and August, and involves ferrying field teams to and around the Greenland Ice Cap.

B1.1.4 Aircraft Scheduling

B1.1.4.1 Antarctica

Aircraft scheduling will occur in McMurdo Station on a weekly and daily basis. The NSF’s Prime Logistics Contractor coordinates the various research parties’ requirements and writes the aircrafts’ daily schedules. Unless otherwise directed by the Government, the Contractor shall execute the schedules provided by the Prime Contractor. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the NSF Representative (“NSF Rep”) in McMurdo Station for resolution.

B1.1.4.2 Arctic Polar Regions

Aircraft may be scheduled in locally, from an off-site location, or as otherwise directed by NSF on a weekly and daily basis. The NSF has contracted with an Arctic Prime Logistics Contractor, to coordinate the various parties’ requirements and prepare aircraft schedules. Services ordered under this contract must be ordered via Task Order to this contract. Services ordered directly by the Arctic Prime Logistics Contractor are not ordered under and will not be paid through this contract. However, should an order be placed under this contract to support Arctic operations, the Arctic Prime Logistics Contractor

SECTION B - TECHNICAL SPECIFICATIONS

may be involved with the coordination and scheduling of aircraft operations. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the appropriate Government personnel for resolution.

B1.1.5 Cargo Preparation

B1.1.5.1 Antarctica

The NSF has contracted with its Prime Logistics Contractor to prepare large and/or heavy cargo for transport on the contract aircraft. However, the fixed-wing aviation contractor is expected to load light cargo. In some cases, no trained personnel will be available at remote locations to prepare cargo. In these instances, the aviation contractor will provide direction to personnel at that location, who will prepare the cargo accordingly.

B1.1.5.2 Arctic Polar Regions

The Contractor will provide direction to personnel on location who will prepare the cargo accordingly.

B1.2 Certification

B1.2.1 Responsibility of the Contractor

The Contractor is responsible for and shall comply with all laws and regulations, and otherwise have or obtain all needed licenses, permits, and certifications, including, but not limited to, those necessary for the carriage of persons or property for hire within the United States, Canada, and Greenland. Likewise, the Contractor is also responsible for obtaining all country clearances necessary to deploy its airplanes to Antarctica.

B1.2.2 Minimum Certification Requirement

The Contractor must maintain certification for the carriage of persons and property for hire by the United States or other foreign country for the duration of this contract. For the purpose of describing certification under this contract, the United States Department of Transportation, Federal Aviation Administration (FAA), and its 14 CFR regulations shall be used as a baseline for all determinations. In the event that the contractor is certified by another country's commercial aviation regulations, the contractor shall prove to the Contracting Officer's (CO's) satisfaction that the intent of the Federal Aviation Regulations has been met. (For the purpose of this section only, the acronym "FAR" means Federal Aviation Regulation -- 14 CFR. All other references to "FAR" shall mean Federal Acquisition Regulation -- 48 CFR Chapter 1). Where a higher standard exists in the contractor's country's aviation regulations or is required by certification by that country, the Contractor shall comply with the higher standard unless authorized in writing by the CO.

NOTE

All references to 14 CFR or to the Federal Aviation Administration (FAA) shall be construed to mean: "or foreign equivalency. "

B1.2.3 Operating Certificate(s)

The Contractor shall hold a current FAA Air Carrier Certificate. Furthermore, the Contractor's Operations Specifications shall authorize operation of the category and class of aircraft, the number of passengers or carriage of cargo offered, and conditions of flight required under this contract, which include conduct of flight operations under both visual flight rules (day and night) and instrument flight rules.

B1.2.4 Aircraft

Aircraft used on this contract will be operated and maintained under the provisions of 14 CFR Part 135 or 121 as appropriate. These aircraft shall be identified as required by 14 CFR Part 121.135(7) or Part 135.63 or Operations Specifications Part D, "Aircraft Listing," as appropriate. The aircraft offered for this contract shall have a Standard Airworthiness Certificate.

NOTE

The installation of any equipment required by this contract must be FAA approved.

SECTION B - TECHNICAL SPECIFICATIONS

B1.2.5 Passenger Carriage

Aircraft shall be fully equipped to carry the number of passengers offered in accordance with the standards of 14 CFR Part 121 or 135, as appropriate.

B2 OPERATIONS

B2.1 Flight Operations

Notwithstanding any public aircraft status, the Contractor shall operate in accordance with their approved FAA Operating Specifications and all portions of 14 CFR 91 (including those portions applicable to civil aircraft) and each certification. Some exceptions are specified below:

B2.1.1 In Antarctica, transportation of hazardous materials or dangerous goods shall be performed in accordance with the company's air operator certificate. It is the aviation contractor's responsibility to ensure that each employee that may transport hazardous materials attends their FAA-approved hazardous materials program certification training.

B2.1.2 The long-range fuel tanks used for deployment, redeployment, and extended flights take from are exempted from certification requirements of 14 CFR.

B2.1.3 Low-level flight (below 500 feet AGL) may be required, 14 CFR 135.203 notwithstanding. The minimum safe altitude requirements of 14 CFR 91.119 will be adhered to at all times.

NOTE

Fly-by's are strictly prohibited under this contract.

B2.1.4 On all missions, the aircraft shall have a two-pilot crew consisting of a pilot-in-command (PIC or Captain) and a second-in-command (SIC or First Officer).

B2.1.4.1 On all missions, prior to flight, the contractor shall designate in writing one PIC as the aircraft's Mission Commander.

B2.1.4.2 Both pilots shall be at their designated flight positions during all takeoffs, landings, instrument flight rules (IFR), low-level (below 500'), and any inherently-risky evolutions.

B2.2 PIC Authority and Responsibilities

B2.2.1 The PIC is responsible for the safe operation of the aircraft and the safety of its occupants and cargo. The PIC shall comply with the directions of the Government, except, when in his judgment, such compliance will be a violation of applicable Federal or State regulations or contracting provisions. The PIC shall refuse any flight or landing which the pilot considers hazardous or unsafe. The Contractor's on-site Station Supervisor shall report such refusal to the NSF Rep or the AMD on-site project inspector if the NSF Rep is unavailable..

B2.2.2 The PIC shall not permit any passenger to ride in the aircraft or any cargo to be loaded therein unless authorized by the CO or his authorized representative(s).

NOTE

No passengers shall be permitted to ride in the cockpit area of the aircraft.

B2.2.3 The PIC is responsible for computing the weight and balance for all flights and for assuring that the gross weight and center of gravity do not exceed the aircraft manufacturer's limitations.

B2.2.4 Before each takeoff, the PIC must ensure that all passengers have been briefed in accordance with 14 CFR 135. Briefings for short flights do not need to be repeated unless new passengers come aboard. The briefing must describe the location/use of the following:

- a. Emergency locator transmitter
- b. First aid/survival kits

SECTION B - TECHNICAL SPECIFICATIONS

- c. Personal protective equipment to include survival bags, suits, life vests and rafts for over-water evolutions
- d. Emergency Exits
- e. Fire extinguishers

B2.2.5 Pilots assigned to primary duty as pilot may function as a mechanic when the aircraft is not available due to maintenance provided the following requirements are met:

B2.2.5.1 The pilot holds a valid FAA mechanic certificate with airframe or power plant ratings as appropriate and meets the currency requirements of 14 CFR 65.83.

B2.2.5.2 The pilot's duty limitations shall apply when the pilot is functioning as a mechanic.

B2.2.5.3 The pilot shall not accomplish scheduled maintenance and inspections, other than daily inspections.

B2.2.6 The PIC is responsible for ensuring that any aircraft functional discrepancy is promptly reported and corrected, and that the aircraft is inspected and maintained in accordance with the contractor's operating certificate.

B2.2.7 The contractor may substitute aircraft or personnel during performance of the contract provided each substitution is inspected and accepted in accordance with paragraph C3. Substitutions shall be requested from the NSF or its designated representative 7days in advance.

B2.2.8 Day, night and IFR flights may be required by this contract.

B2.3 Personal Protective Equipment

The following items will be furnished by the contractor, and inspected for condition at the start of the contract.

B2.3.1 P shall at all times, have available for use, the items identified at Exhibit 1 unless otherwise directed by the Government. Contractor personnel shall wear the items identified in Exhibit 1 as conditions warrant and shall ensure that they are adequately dressed for the current conditions.

B2.3.2 Overwater flights and extended overwater flights shall comply with 14 CFR 135.167. The contractor shall furnish the equipment required by 14 CFR 135.167.

B2.3.2.1 For overwater flights the contractor shall furnish six (6) "Fitz Wright" dry flight survival suits, or equal, for use by the Government (not including the contractor's PIC/SIC requirement). Sizes shall be one small, one medium, three extra large, and one XXXL (U.S. sizes).

B2.3.2.2 Life preservers, required for overwater flights, must meet TSO C13d or equivalent, with approved water-activated lights. The life preservers shall be readily available and accessible to each occupant in the aircraft.

B2.3.2.3 For flights over water the contractor shall furnish a life raft(s) rated for the total number of occupants (not overloaded). The raft(s) shall meet TSO C-70 Type II standards and shall provide a full canopy system. The raft(s) location shall be readily accessible for deployment from the main cabin door.

B3 PERSONNEL REQUIREMENTS

[New sub-topics to incorporate:

- TRAINING: FSTP training, required within 6 weeks of arrival. Done below
- TRAINING: Try to pair non-completed FSTP-trained crew member with a crew member that has
- MEDICAL: Flight surgeon remove from duty/return to duty requirement see below
- DUTY: Crew expectations re: general labor] Done below

B3.1 Pilot Requirements

B3.1.1 All pilots shall have at least an FAA Commercial Pilot Certificate with instrument rating and appropriate category and class ratings.

B3.1.2 All pilots shall hold at least a current Second-Class Medical Certificate issued under provisions of 14 CFR 67.

SECTION B - TECHNICAL SPECIFICATIONS

B3.1.3 PICs shall provide evidence of satisfactorily passing an FAA Competency (14 CFR 135.293) and Instrument Proficiency Check (14 CFR 135.297) in the make and model offered for this contract. This flight check must be valid for the contract Exclusive Use period.

B3.1.4 All pilot flying hours shall be verified from a certified pilot log. Further verification of flying hours may be required at the discretion of the CO.

B3.1.5 Each PIC shall, at the discretion of the Contracting Officer's Technical Representative (COTR), pass a Department of Interior (DOI) Agency Flight Evaluation in make and model of aircraft to be flown on this contract. The flight evaluation will be in an aircraft supplied by the Contractor, at no expense to the Government. The satisfactory completion of the evaluation flight will not substitute for any of the total flight hour requirements listed in this contract.

B3.1.5.1 Services provided under this contract require DOI Special Use Flight Activities as identified below. Pilots must have satisfactorily completed an agency Initial and/or Periodic Flight Evaluation(s) for these activities before being approved for use under the contract, unless otherwise indicated in the contract. The COTR will provide detailed information concerning the types and frequency of special use pilot flight evaluations when requested.

- Low-level Flight (within 500' of the surface)
- Off Airport Landings
- Ski Operations

B3.1.6 PICs shall display evidence of experience in using all equipment specifically identified in Section C for performance of contract work (HF radio, global positioning system [GPS], AFF, etc.). This includes programming of the GPS to get equipment-compatible GPS data output to the DB-9 data port. Pilots may be required to demonstrate proficiency during the agency evaluation flight. Pilots may use an abbreviated checklist in the performance of this evaluation.

B3.1.6.1 Pilots shall demonstrate their ability to perform the following functions with the required GPS, and other equipment outlined in the avionics section. The pilot may use only an abbreviated checklist in the performance of this evaluation.

B3.1.6.1.1 Determine the geographic coordinates of a destination identified on a sectional aeronautical chart.

B3.1.6.1.2 Install destination coordinates.

B3.1.6.1.3 Acquire distance/bearing information to a destination.

B3.1.6.1.4 Record as a waypoint, coordinates of various locations while en route to a primary destination.

B3.1.6.1.5 Navigate from a present position to a selected recorded waypoint or between two recorded waypoints.

B3.1.6.1.6 Operate the GPS unit in a transect type (offset) program if required.

B3.1.7 PICs and SICs shall have logged minimum flying time as follows:

Item	Total Time in Hours				Description
	Light		Medium		
	PIC	SIC	PIC	SIC	
1	<div style="font-size: 4em; color: red; font-weight: bold;">(b) (4)</div>				
2					
3					
4					
5					
6					
7					
8					

SECTION B - TECHNICAL SPECIFICATIONS

9	(b) (4)
10	
11	

B3.1.8 The Contractor shall submit for approval an experience resume for each pilot offered on the contract. The resume shall include names and addresses of past employers, substantiation of related type and typical terrain flying, and must show any and all accidents involving aircraft. The information shall be submitted on form AMD-64A, with supplements if requested (See Section C3.2.1, C11.1 and Section C Exhibits), "Airplane Pilot Qualifications and Approval" no later than **August 15 each year**.

B3.1.9 Pilot's shall perform general labor during the performance of this contract; however, the extent of the general labor shall be at the discretion of the contractor.

B3.2 Flight Crew Members Flight and Duty Limitations

B3.2.1 Flight Limitations

Flight crews shall not exceed the following flight time and crew duty limitations except as permitted by 14 CFR 135.267.

B3.2.1.1 During routine missions, a maximum of ten (10) hours flight time per duty period for two-pilot crews (PIC and SIC). For extended flights, Contractor shall comply with their Air Carrier Certificate and Civil Aviation Authority.

B3.2.1.2 At no time will a pilot exceed the maximum of 50 hours flight time during any consecutive six-day period. At the end of the rest period, a new six-day cycle will begin.

B3.2.1.3 Pilot flight time computations will be in accordance with 14 CFR Part 1.1: Pilot time commences when an aircraft moves under its own power for the purposes of flight and ends when the aircraft comes to rest after landing.

B3.2.1.4 All flight time, regardless of how or where performed (except for personal pleasure flying), will be recorded in the aircraft log and monitored by both the Contractor's Chief Pilot and each flight crew member pursuant to company policy and used to administer flight time and duty time limitations. Flight time to and from a duty station as a flight crewmember (commuting) will be reported and counted toward limitations if it is flown on a duty day. Flight time includes but is not limited to military, charter, flight instruction, biennial flight review, flight examinations by FAA designees, or any other flight time of a commercial nature, whether compensated or not.

B3.2.1.5 Pilot's total flying time per quarter, half, and full year shall not exceed the limits established by 14 CFR 135.

B3.2.2 Duty Time

B3.2.2.1 Duty includes flight time, ground duty of any kind, checking weather, and standby or alert status at any job site.

B3.2.2.2 During routine missions, a maximum crew duty period including flight and standby time is 14-hours in any 24-hour period. The Contractor may exceed the 14-hour duty day to perform extended duty, provided the Contractor is authorized in accordance with their Air Carrier Certificate or civil aviation authority.

B3.2.3 Mandatory Rest Period

B3.2.3.1 At least ten (10) consecutive hours of rest shall be required immediately prior to each duty period. (Rest is defined as the time spent between duty periods characterized by inactivity or ease and is free from labor or disturbance).

B3.2.3.2 Pilots shall have two (2) 24-hour periods off duty during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.2.3.3 The Government may further restrict daily flight hour limitations. Pilots may also be removed by the CO, or their delegated representative, from duty for fatigue or other causes before reaching their flight hour or duty limitations.

B3.2.4 Medical Release

SECTION B - TECHNICAL SPECIFICATIONS

B3.2.4.1 Flight crews requiring medical attention during their performance in Antarctica shall visit the on call Flight Surgeon / Aviation Medical Examiner (AME) when available to determine their flight status. Once removed from flight status for any medical reason, all flight crews shall be returned to flight status by the onsite AME prior to returning to flight status. When AME's are not available to perform this function, the local medical doctor shall perform this function.

B3.3 Mechanic Requirements

B3.3.1 The mechanic shall be the holder of a valid FAA mechanic certificate with airframe and power plant ratings, must have held the certificate with both ratings for a period of 24 months, and meet the following experience requirements:

<i>C3.3.1.x</i>	<i>Time</i>	<i>Description</i>
1	(b)	(4)
2		
3		

B3.3.2 Mechanic Duty Limitations

Mechanics shall not exceed the following duty time limitations:

B3.3.2.1 Within any 24-hour period, mechanics shall have a minimum of eight (8) consecutive hours off duty immediately prior to the beginning of any duty day. Travel, not local in nature, may be counted as duty time.

B3.3.2.2 Mechanics will have two (2) full days off during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.3.2.3 Duty time includes availability and work or alert status at any job site, including time in transport to and from the airfield.

B3.3.3 Availability of Mechanic

A mechanic shall be available at the designated or alternate station(s)/camp(s) during the periods in which the aircraft is operating in the performance of this contract. A mechanic shall be present to service, inspect and repair the aircraft. The mechanic is considered a required crewmember during deployment/redeployment flights.

B3.4 All Contractor Personnel

B3.4.1 All contractor personnel are required to meet the specific training requirements of the NSF as required for operations in Antarctica. The contractor's personnel shall attend this mandatory training at no additional cost to the Government within six (6) weeks of arrival at McMurdo Station. The training will be considered duty time and unavailability shall not be assessed for the time required to meet the NSF training requirements.

B4 AIRCRAFT REQUIREMENTS

B4.1 Condition of Equipment

B4.1.1 Contractor-furnished aircraft and equipment shall be operable, free of damage, and in good repair. Aircraft systems and components shall be free of leaks except where specified by the manufacturer. Any non-deferrable system degradation requiring unplanned maintenance, placing the aircraft in a non-airworthy status or when any one item/system identified below does not meet the specified standards listed herein will impact payment of daily availability (DA) in accordance with Section C7.2.1.

SECTION B - TECHNICAL SPECIFICATIONS

B4.1.2 All windows and windshields shall be clean and free of scratches, cracks, crazing, distortion or repairs that hinder visibility. Repairs such as safety wire lacing and stop drilling of cracks are not acceptable permanent repairs. Prior to acceptance, all temporarily-repaired windows and windshields shall have permanent repairs completed or shall be replaced.

B4.1.3 The aircraft interior shall be clean and neat. There shall be no unrepaired tears, rips or other damage in the upholstery or headliner. Broken interior trim with sharp points or edges is not acceptable.

B4.1.4 The exterior finish and paint shall be clean and in good condition. The airplane fuselage shall be painted in high-visibility color differing from the typical white or gray terrain. Upper wing surfaces shall be painted in high-contrast colors that distinguish them from a white snow surface.

B4.1.5 These conditions of equipment concerns are in addition to airworthiness requirements.

B4.2 Equipment Requirements

B4.2.1 Current navigational publications are required for the area(s) of operations, to include VFR sectional aeronautical charts, current IFR charts, and current approach plates and shall be carried on board the airplane at all times.

B4.2.2 A first aid kit containing the items specified at Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.3 A flight-crew survival kit containing items specified in Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.4 Fire extinguisher(s), required by 14 CFR Part 135, for the purposes of this contract, must be a handheld bottle, minimum 2-B-C rating, mounted and accessible to the flight crew while seated. The fire extinguisher must be maintained in accordance with *National Fire Protection Association (NFPA) Manual 10, Standards for Portable Fire Extinguishers* or the Contractor's 135 operations manual.

B4.2.5 The Contractor shall provide aircraft ground support equipment and mission essential accessories to operate in areas with minimal support, including at a minimum: ice anchors and tie-down lines for all aircraft, ladders, barrel ramp, fuel pumps, and other cargo loading gear.

B4.2.6 The aircraft shall be equipped with individual lap belts for each occupant and FAA-approved shoulder harness with inertia reel for both front seat positions. Shoulder harness and lap belt shall fasten with metal-to-metal, single-point, quick-release mechanism. Harness and belts are to be fastened during all flight evolutions. See Section C Exhibits, "Unacceptable Lap Belt and Shoulder Harness Conditions."

B4.2.7 Skis

B4.2.7.1 For Arctic operations aircraft shall be equipped with wheel/ski landing gear.

B4.2.7.2 For Antarctic operations aircraft shall be equipped with spring skis.

B4.2.8 Cabin heater with windshield defogger.

B4.2.9 The aircraft shall be equipped in accordance with 14 CFR 135 for IFR and known icing conditions

NOTE

Alcohol windshield de-ice system is NOT acceptable.

B4.2.10 Lights

B4.2.10.1 Two high visibility strobe lights (one above and one below the fuselage) or a wingtip strobe system

B4.2.10.2 The aircraft shall have approved lighting for night operation in accordance with 14 CFR 91 including instrument lights.

B4.2.10.3 The aircraft shall be equipped with a pulse type light system to enhance recognition of the aircraft. A Pulselite model 1220/2410-2 or equal will meet this requirement.

SECTION B - TECHNICAL SPECIFICATIONS

B4.2.11 RESERVED

B4.2.12 RESERVED

B4.2.13 Cargo Provisions

B4.2.13.1 The aircraft shall be equipped with FAA-approved cargo tie-down provisions, cargo straps and cargo tie-downs for cargo operations.

B4.2.13.2 Cargo restraint installation shall secure cargo from shifting, or slipping through or underneath restraint.

B4.2.13.3 Cargo tie-down provisions shall conform to FAA Advisory Circular AC 43.13-2A or other approved data.

B4.2.13.4 Cargo nets and straps shall not be attached to pilot and/or passenger seat structures.

B4.2.14 (b) (4)

B4.2.15 RESERVED

B4.2.16 Oxygen

B4.2.16.1 For (b) (4): Minimum six (6) hour oxygen system for flight crew. Passenger oxygen equipment shall be installed at each seating position. System shall have sufficient capacity for six (6) person hours at 15,000 feet MSL.

B4.2.16.2 For (b) (4): Minimum eight (8) hour oxygen system for flight crew. The oxygen system must be permanently-installed and accessible to the pilot, copilot, and all passenger seats while seated. System shall have sufficient capacity for eight (8) person hours at 15,000 feet MSL.

B4.2.17 Aircraft seats, other than the pilot and copilot, should be foldable or removable to allow for the carrying of cargo.

B5 AVIONICS REQUIREMENTS

B5.1 General

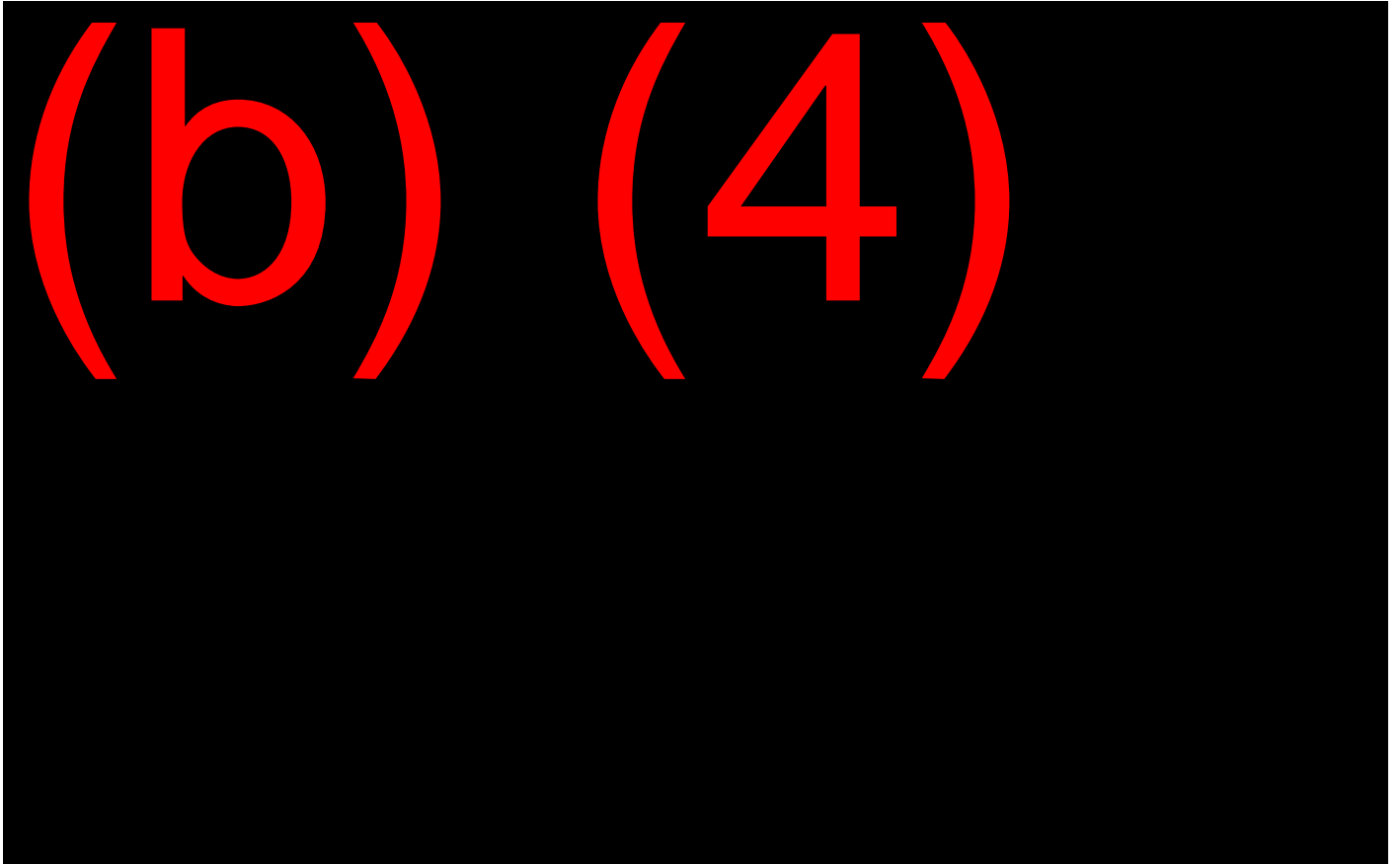
The following systems shall be furnished, installed, and maintained in each aircraft by the Contractor in accordance with the manufacturer's specifications and the installation and maintenance standards of Section B5.6. Detailed avionics systems performance requirements are listed in *Avionics Operational Test Standards*, as detailed in Section C Exhibits. (Copies also available upon request from DOI NBC Aviation Management Directorate or at <http://amd.nbc.gov/library/handbooks/aots/pdf>).

B5.2 Communications Systems

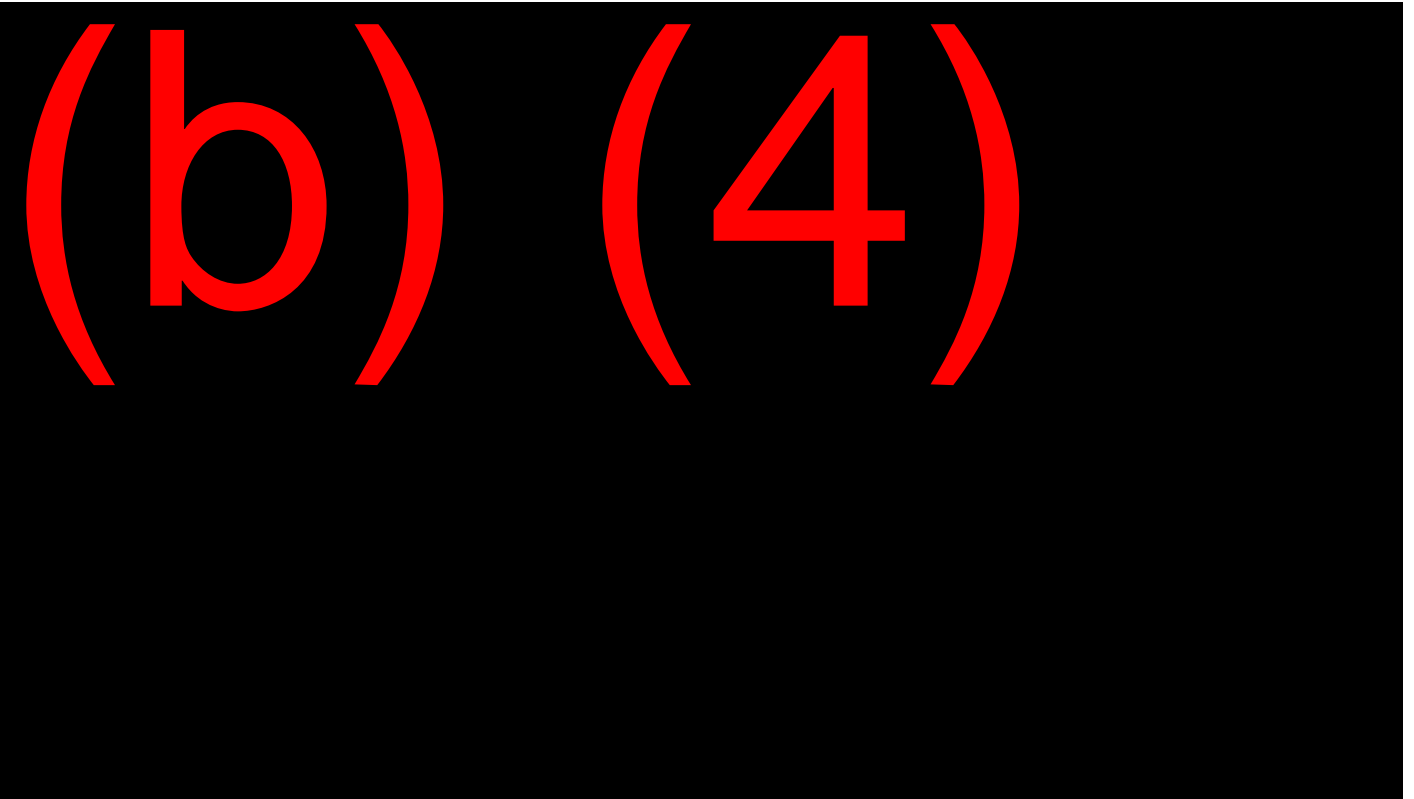
(b) (4)

SECTION B - TECHNICAL SPECIFICATIONS

B5.3 Navigational Systems



B5.4 Audio Systems



SECTION B - TECHNICAL SPECIFICATIONS

(b) (4)

B5.5 Other Avionics

(b) (4)

B5.6 Avionics Installation and Maintenance Standards

(b) (4)

SECTION B - TECHNICAL SPECIFICATIONS

(b) (4)

B5.7 Additional Aircraft-Specific Avionics

(b) (4)

SECTION B - TECHNICAL SPECIFICATIONS

**Subject to change seasonally

(b) (4)

B5.8 Automated Flight-Following

(b) (4)

B6 MAINTENANCE REQUIREMENTS

B6.1 General

The aircraft shall be operated and maintained in accordance with the manufacturer's specifications and applicable portions of 14 CFR.

B6.2 Maintenance

B6.2.1 Aircraft shall be maintained in accordance with the Contractor's 14 CFR Part 135 certificate.

SECTION B - TECHNICAL SPECIFICATIONS

B6.2.2 All maintenance, including inspection, rebuilding, alteration, and installation shall be accomplished by a person authorized to perform maintenance in accordance with 14 CFR Part 43.

B6.2.3 Field Maintenance: The Contractor's maintenance organization shall be capable of providing field maintenance support for each aircraft during extended periods of heavy use. The Contractor may have arrangements with other appropriately rated facilities to perform maintenance for which the Contractor is not qualified.

B6.2.4 50-Hour Inspection: A mechanic meeting the contract qualifications shall inspect the aircraft each 50 hours of flight. The 50-hour inspection shall be accomplished in accordance with the procedures outlined in the Contractor's approved/accepted maintenance program or, if not covered by the maintenance program, it shall include, but not be limited to, the following: lubrications, if applicable, and a thorough visual inspection of power plant, control systems, and airframe instruments. A record of this inspection shall be entered in the aircraft maintenance records in accordance with 14 CFR Part 43.9. Such entry shall also include the aircraft time in service.

B6.3 Preventive Maintenance

B6.3.1 The pilot, under the terms of this contract, may perform preventive maintenance in accordance with 14 CFR Part 43.3(h). All maintenance performed will be recorded in accordance with 14 CFR Part 43.9.

B6.3.2 Routine maintenance shall be performed before or after the daily use or as approved by the CO or designated representative.

B6.4 Post Maintenance Check Flight

B6.4.1 Check Flight: A functional maintenance check flight shall be performed, at the Contractor's expense, following installation, overhaul, major repair, major inspection or removal/replacement of any engine, power train, propeller system, or flight control rigging or system. This shall be accomplished before the aircraft resumes service under the contract. The pilot shall enter the result of this check flight in the aircraft records.

B6.4.2 The Contractor shall immediately notify the CO or designated representative of any change to any engine, power train, flight control, propeller, or major airframe component, or of any major repair following an incident or accident, including the circumstances involved.

B6.5 Time Between Overhaul (TBO) and Life-Limited Parts

B6.5.1 All components, including engines and props shall be replaced upon reaching the factory recommended Time Between Overhaul (TBO) or FAA-approved extension. Life-limited Parts (LLP) shall be replaced at the specified time in service hours or cycles. At the time of the initial agency inspection, the aircraft will have a fresh phase inspection and a minimum of 750 hours remaining on the turbine engines until the next "hot section" or major overhaul.

B6.5.2 Aircraft operated with components or accessories on approved TBO extension programs are acceptable provided, (1) the Contractor is the holder of the approved extension authorization (not the owner if the aircraft is leased), and (2) the Contractor operates in accordance with the extension authorization.

B6.5.3 The Contractor shall supply, at the time of the initial agency inspection, a list of all items installed on the aircraft that are required to be overhauled or replaced on a specified time basis. This list shall include the components name, part number, serial number, total time, service life (or inspection/overhaul time interval), and time and date when component was overhauled, replaced, or inspected.

B6.6 Airworthiness Directives and Manufacturer's Mandatory Service Bulletins

All applicable FAA Airworthiness Directives (ADs) and required Manufacturer's Mandatory Service Bulletins (MMSBs) shall be complied with prior to the performance of this contract. A list of FAA ADs and required MMSBs on the make and model of aircraft offered shall be made available upon request by the Government. The list will be similar to that in Advisory Circular AC 43-9C. Signature of persons verifying accuracy of the list is required. All applicable ADs and required MMSBs issued during the contract shall be complied with.

B6.7 Weight and Balance

SECTION B - TECHNICAL SPECIFICATIONS

B6.7.1 The aircraft's required weight and balance data shall be determined by actual weighing of the aircraft within twenty-four (24) months of the contract's effective date, and following any major repair, major alteration, or change to the equipment list which significantly affects the center of gravity of the aircraft (i.e., per AC-43-13, any piece of equipment weighing more than 1 pound (½ Kg)).

B6.7.2 All weighing of aircraft shall be performed on scales that have been certified as accurate within the preceding twenty-four (24) calendar months. The certifying agency may be any accredited weights and measures laboratory.

B6.7.3 A list of equipment installed in the aircraft at the time of weighing must be compiled. The equipment list will include the name and location of each item installed. Items that may be easily removed or installed for aircraft configuration changes (seats, radios, special mission equipment, etc.) shall also be listed including the name, the weight and arm of each item. Each page of the equipment list must identify the specific aircraft by at least serial number or registration number of the aircraft. Each page of the equipment list will be dated indicating the last date of weighing or computation. The weight and balance must be revised each time new equipment is installed or old equipment is removed. Weight and balance procedures under 14 CFR Parts 135.23(b) and 135.185 are acceptable, except where exceeded by this contract.

B6.8 Manuals and Records

B6.8.1 The Contractor shall ensure that all maintenance performed on contract aircraft is recorded in the affected aircraft's maintenance record in accordance with 14 CFR Parts 43 and 91 (reference 14 CFR Parts 43.9, 43.11, and 91.417).

B6.8.2 A copy of the contract aircraft's current maintenance record, containing, as a minimum, the information required by 14 CFR Part 91.417, shall be kept at the designated base of operations. The Contractor shall have a current set of maintenance / parts manuals that will accompany each aircraft at all times.

B6.8.3 If requested by the Government, a copy of the Contractor's procedures manuals, as outlined in 14 CFR Part 135.21, shall be furnished to the CO or designated representative. Revisions made during the period of this contract shall be forwarded to the CO.

B6.8.4 Fifteen (15) days before the start date of the contract, all maintenance deficiencies shall be corrected or deferred in accordance with the operator's Accepted/Approved Maintenance Program. Deferred discrepancies will be evaluated by the DOI AMD Technical Services Division and the aircraft approved for contract use on a case-by-case basis. The CO or his designated representative shall be supplied with a listing of all deferred discrepancies prior to the start of the Antarctic/Arctic season. Those deficiencies occurring during performance under the contract shall be corrected in accordance with the appropriate portions of 14 CFR or the Approved Maintenance Program. Items deferred by use of an FAA-approved minimum equipment list, shall not be mission essential.

B7 FUEL AND SERVICING REQUIREMENTS

B7.1 General

B7.1.1 Antarctica: The Government will supply all aircraft fuel for use by the Contractor in Antarctica. The Contractor shall supply oil and other lubricating fluids and grease. The pilot-in-command (PIC) shall keep careful record of fuel withdrawals by airplane tail number for all remote fuel caches and airfield fuel stations (fuel pit), except at McMurdo Station or South Pole.

B7.1.2 Arctic: The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

B7.1.3 All fuel shall be commercial or military grade aviation fuel approved for use by the airframe and engine manufacturer. Only fuels meeting American Society for Testing and Material (ASTM) or military specifications are authorized for use; e.g., ASTM D-1655 (Jet A, A-1, or B), Mil T-5624 (JP-4, JP-5, JP-8), ASTM-D-910 or MIL T-910 (Grade 80, 100, or 100LL), or AN8.

B7.1.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR AIRCRAFT REFUELING. Fueling operations, including storage and handling, shall comply with the airframe and engine manufacturer's recommendations and all applicable FAA standards. The Contractor shall have and apply a fuel quality assurance program – including but not limited to visual inspection for the proper type and grade, that the fuel is clean, bright and free from contamination. The National Fire Protection Association's fuel-handling handbook shall be used as a guide.

SECTION B - TECHNICAL SPECIFICATIONS

NOTE

No passengers shall be on board the aircraft during fueling operations. Smoking is prohibited within 50 feet of the aircraft.

Copies of *NFPA 407: Aircraft Fuel Servicing* can be obtained from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

B7.2 Fuel Servicing Equipment

B7.2.1 PORTABLE PUMPS: One portable fuel pump, barrel stem, and hoses shall be carried onboard the aircraft at all times for servicing the aircraft from 55-gallon barrels. The filter manufacturer's operating, installation, and service manual shall be followed. At least one spare filter, seals, and other spare components shall be carried with the portable fuel pump.

B7.3 NSF Antarctic Fuel Filtering Systems

B7.3.1 The NSF fuel filtration systems provided in the Antarctic are designed to provide pressures of 200 psi and flow rates of 300 gpm. Normal pressures/flow rates should be expected in the range of 90 psi and 230 gpm, respectively.

B7.3.2 The NSF filtration will meet one of the following qualifications: Institute of Petroleum (IP), API 1581, or MIL-F-8901E. Some examples of IP qualified elements are Velcon CDF 210K, CDF 220K, ACO 51201K, ACO 21201K, ACO 40501SPK, and ACO 40901SPK.

B7.3.3 The filter vessels will be placarded indicating the filter change date. Spare filters shall be available to allow periodic and emergency filter changes.

B7.3.4 Three-Stage (filter, water separator, monitor) Systems (API 1581 or MIL-F-8901E qualified). Fueling systems utilize a three-stage system such as a Facet Part Number 050970 M2 for 20 gallons per minute pump, or equal. A Facet Part Number 050971-M2 for a 10 gallon per minute pump, or equal. An acceptable third stage (monitor) unit is Velcon CDF 220K for 20-gpm flow or Velcon CDF 210K for 10-gpm systems.

B7.3.5 Single-Stage System or Three-In-One Filter Canister Systems (IP qualified) utilize a single element system such as a Velcon filter canister with Aquacon cartridge of a size compatible with pumps flow rate (e.g., Velcon VF-61 canister with an ACO-51201K cartridge for 50 to 60 GPM flow rate or ACO-40501SPK for 10 to 15 GPM flow rate).

B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS

B8.1 Definitions

The following definitions apply for the purposes of this section only.

B8.1.1 *Antarctica* means the area south of 60 degrees south latitude.

B8.1.2 *Antarctic Specially Protected Area* means any area designated by the Antarctic Treaty Parties to protect outstanding environmental, scientific, historic, aesthetic, or wilderness values or to protect ongoing or planned scientific research, designated at 45 CFR §670.29. Antarctic Treaty Parties also designate areas where activities are being conducted or may be conducted in the future as an Antarctic Specially Managed Area, to assist in the planning and co-ordination of activities, avoid possible conflicts, improve co-operation between Parties or minimize environmental impacts.

B8.1.3 *Harmful interference* means: (a) flying or landing helicopters or other aircraft in a manner that disturbs concentrations of birds or seals; (b) using vehicles or vessels, including hovercraft and small boats, in a manner that disturbs concentrations of birds or seals; (c) using explosives or firearms in a manner that disturbs concentrations of birds or seals; (d) willfully disturbing breeding or molting birds or concentrations of birds or seals by persons on foot; (e) significantly damaging concentrations of native terrestrial plants by landing aircraft, driving vehicles, or walking on them, or by other means; and (f) any activity that results in the significant adverse modification of habitats of any species or population of native mammal, native bird, native plant, or native invertebrate.

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B8.1.4 *Management plan* means a plan to manage the activities and protect the special value or values in an Antarctic Specially Protected Area designated by the United States as such a site in 45 CFR §670.29 or by the Antarctic Treaty Parties in the “Status of Antarctic Specially Protected Area and Antarctic Specially Managed Area Management Plans” Please note that the Antarctic Treaty Parties also designate management plans for Antarctic Specially Managed Areas and Historic Sites and Monuments.

B8.1.5 *Native bird* means any member, at any stage of its life cycle, of any species of the class Aves which is indigenous to Antarctica or occurs there seasonally through natural migrations, designated in 45 CFR §670.20. . It includes any part, product, egg, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.6 *Native invertebrate* means any terrestrial or freshwater invertebrate, at any stage of its life cycle, which is indigenous to Antarctica. It includes any part thereof but excludes fossils.

B8.1.7 *Native mammal* means any member, at any stage of its life cycle, of any species of the class Mammalia, which is indigenous to Antarctica or occurs there seasonally through natural migrations, that is designated in 45 CFR §670.19. It includes any part, product, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.8 *Native plant* means any terrestrial or freshwater vegetation, including bryophytes, lichens, fungi, and algae, at any stage of its life cycle which is indigenous to Antarctica that is designated at 45 CFR §670.21. It includes seeds and other propagules or parts of such vegetation but excludes fossils.

B8.1.9 *Protocol* means the Protocol on Environmental Protection to the Antarctic Treaty, signed October 4, 1991, in Madrid, and all annexes thereto, including any future amendments to which the United States is a Party.

B8.1.10 *Take or taking* means to kill, injure, capture, handle, or molest a native mammal or bird, or to remove or damage such quantities of native plants that their local distribution or abundance would be significantly affected or to attempt to engage in such conduct.

B8.1.11 *Treaty* means the Antarctic Treaty signed in Washington, D.C. on December 1, 1959.

B8.2 Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts, unless a permit has been issued pursuant to NSF Regulation. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B8.2.1 Taking any native mammal or native bird, or native plant.

B8.2.2 Engaging in harmful interference.

B8.2.3 Entry into any Antarctic Specially Protected Area (ASPA) except in accordance with the relevant ASPA Management Plan.

B8.2.4 Possess, sell, offer for sale, deliver, receive, transport, or ship by means any native mammals, plants, or birds. It is unlawful for any person to receive, acquire, transport, offer for sale, sell, purchase, export, import, or have custody, control, or possession of, any native bird, native mammal, or native plant which the person knows, or in the exercise of due care should have known, was taken in violation of the Act.

B8.2.5 Import or export any native mammals, plants, or birds collected in Antarctica to or from the United States and its possessions and jurisdictions, or any third country.

B8.2.6 Introduce any non-indigenous animals or plants into Antarctica.

B8.2.7. Violate regulations or permit conditions that are in violation of the Act.

B8.3 Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in B8.2.

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B8.3.1 Acts committed under emergency circumstances to prevent the loss of human life or of ships, aircraft, or other equipment and facilities of high value, or protection of the environment.

B8.3.2 Acts committed to aid or salvage native mammals or birds if such action is necessary to aid a sick, injured, or orphaned specimen; to dispose of a dead specimen; or salvage a dead specimen which may be useful for scientific study.

B8.3.3 Any acts taken per B8.3.1 or B8.3.2 shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B8.3.4 Transport of native birds, mammals or plants, or any non-indigenous animals or plants within Antarctica in the normal course of work, provided a permit has been issued in accordance with 45 CFR Part 670 by the United States or other third country in accordance with the Protocol.

B9 ANTARCTIC WASTE MANAGEMENT

B9.1 Definitions

The following definitions apply for the purposes of this section only.

B9.1.1 *Antarctic hazardous waste* means any waste containing one or more designated pollutants.

B9.1.2 *Antarctica* has the same meaning as stated in C8.1.1.

B9.1.3 *Banned substance* means any polychlorinated biphenyls (PCBs); non-sterile soil; polystyrene beads, plastic chips or similar loose polystyrene packing material; pesticides (other than those required for scientific, medical, or hygiene purposes) or other substances as designated in accordance with 45 CFR §671.14.

B9.1.4 *Designated pollutant* means any substance designated in accordance with 45 CFR §671.14; any pesticide, radioactive substance, or substance consisting of or containing any chemical listed by source, generic or chemical name at 40 CFR 61.01, Table 116.4A of 40 CFR 116.4, subpart D of 40 CFR Part 261, 40 CFR 302.4, part 355, and part 372; and any substance which exhibits a hazardous waste characteristic as defined in subparts B and C of 40 CFR part 261; but shall not include any banned substance.

B9.1.5 *Permit* means a permit issued pursuant to 45 CFR Part 671, Subpart C.

B9.1.6 *Release* means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, leaching, dumping, burying, or disposing of a substance whether intentionally or accidentally.

B9.1.7 *Substance* means any gas, liquid, or solid, or mixture thereof, including biological material.

B9.1.8 *Use* means to use, generate or create a substance, or to import a substance into Antarctica, but does not include the shipboard use of a substance, provided that substance is not released or removed from the vessel.

B9.1.9 *Waste* means any substance that will no longer be used for any useful purpose, but does not include substances to be recycled in Antarctica, or substances to be reused in a manner different than their initial use, provided such substances are stored in a manner that will prevent their dispersal in to the environment, and further provided that they are recycled, reused, or disposed of in accordance with this contract within three years. Recycling includes, but is not limited to, the reuse, further use, reclamation or extraction of a waste through a process or activity that is separate from the process or activity that produced the waste.

B9.2 Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B9.2.1 Use or release of any banned substance in Antarctica.

SECTION B - TECHNICAL SPECIFICATIONS

B9.2.2 Use or release of any designated pollutant in Antarctica without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.3 Use or release of any waste in Antarctic without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.4 Violate the terms and conditions of any prior approval granted per C9.2.2 or C9.2.3.

B9.3 Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in C9.2.

B9.3.1 Any use or release of designated pollutants or waste allowed under the Act to Prevent Marine Pollution from Ships (33 U.S.C. 1901 et seq.) as amended, or any shipboard use of banned substances or designated pollutants, provided such substances are not removed from the vessel in Antarctica.

B9.3.2 Acts committed in cases of emergency relating to the safety of human life or of ships, aircraft or other equipment and facilities of high value, or the protection of the environment. Any acts taken per this exception shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.4 Prior Approval Requirements

The Contractor shall submit the following information to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director (dated and signed) when seeking prior approval in accordance with C9.2.2 or C9.2.3. This information shall be submitted at least 120 calendar days prior to the desired effective date of such prior approval.

B9.4.1 The Contractor's name, address, telephone number, and identification of the president, principal officer or managing partner submitting the information.

B9.4.2 A description of the types, expected concentrations and volumes of wastes and designated pollutants to be released in Antarctica; the nature and timing of such releases; arrangements for waste management, including without limitation, plans for waste reduction, minimization, treatment and processing, recycling, storage, transportation and disposal; arrangements for training and educating personnel to comply with these waste management requirements and procedures; and other arrangements for minimizing and monitoring the environmental impacts of proposed operations and activities.

B9.4.3 A description of the types, expected concentrations and volumes of designated pollutants to be used in Antarctica; the nature and timing of such uses; the method of storage of designated pollutants; and a contingency plan for controlling releases in a manner designed to minimize any resulting hazards to health and the environment.

B9.4.4 The desired effective date and duration of such prior approval

B9.4.5 The sufficiency of the information submitted shall be determined by the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director. The Director may waive any request for information, or require such additional information as necessary to the processing and evaluation of the request for prior approval.

B9.5 Waste Disposal

The Contractor shall dispose of all wastes generated in the performance of work under this contract and comply in all respects with the USAP Standard Operating Procedures titled *Solid Waste Standard Operating Procedure* (see Section C Exhibits) and *Hazardous Waste Standard Operating Procedure* (see Section C Exhibits).

B9.6 Permits

The Contractor, at the sole discretion of the Government, may be required to apply for a permit pursuant to 45 CFR Part 671. Pricing, work and delivery requirements shall be specified in accordance with this contract's "Changes" clause.

SECTION B - TECHNICAL SPECIFICATIONS

B10 ANTARCTIC METEORITES

B10.1 Definition

Antarctica has the same meaning as set forth at B8.1.1.

B10.2 Prohibited Acts

The Contractor and its personnel shall not collect nor transport meteorites in Antarctica unless the transportation of meteorites is in support of the USAP, NSF science groups, or Grantee programs that have written authorization to transport meteorites. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B11 REQUIRED MEETINGS

The Contractor shall be responsible for attending up to three conferences per year at various locations in the contiguous United States at no additional cost to the Government. Each conference will typically last two days exclusive of travel. The Contractor's participation at these conferences is required.

B12 POST AWARD CONFERENCE

Contractor will be required to attend a Post Award meeting after award of the contract. This meeting shall be held at the Contractor's facility and will be to review the contract in detail, discuss operational issues associated with Antarctica, identify Points of Contact, and to answer questions.

B13 PACKAGING AND SHIPPING

Unless otherwise specified, all items shall be packaged and marked in accordance with normal commercial practices. If magnetic media is involved, packaging shall be clearly marked identifying the contents as such and with a warning for protection against exposure to magnetic fields or temperature extremes. For greater detail refer to USAP document "INSTRUCTIONS ON PACKAGING AND SHIPPING 2002-2003" on the USAP web site.

B14 SHIPPING TO McMURDO STATION, ANTARCTICA

Items shipped to McMurdo Station (other than personal items) shall be packaged and shipped in accordance with the USAP publication titled *Instructions on Packaging and Shipping* (see Section C Exhibits).

NOTE

Styrofoam "peanuts" packaging material is prohibited in all packages bound for McMurdo

SECTION C - TERMS AND CONDITIONS

C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (52.212-4 Jun 2010) [Tailored Sept 2005]

(SEE ADDENDA WHICH FOLLOWS IMMEDIATELY AFTER CLAUSE 52.212-5)

(a) *Inspection/Acceptance.* The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no expense to the government. If repair/replacement or re-performance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) *Assignment.* The Contractor or its assignee's may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Government-wide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) *Changes.* Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) *Disputes.* This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) *Definitions.* The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) *Excusable delays.* The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the CO in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the CO of the cessation of such occurrence.

(g) *Invoice.*

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized,) to the address designated in the contract to receive invoices. An invoice must include--

- (i) Name and address of the Contractor
- (ii) Invoice date and number
- (iii) Contract number, contract line item number and, if applicable, the order number
- (iv) Description, quantity, unit of measure, unit price and extended price of the items delivered

SECTION C - TERMS AND CONDITIONS

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading

(vi) Terms of any discount for prompt payment offered

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice, and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by EFT -Central Contractor Registration, or 52.232-34, Payment by EFT-Other Than Central Contractor Registration), or applicable agency procedures

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) *Patent indemnity.* The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) *Payment*

(1) *Items accepted.* Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) *Prompt Payment.* The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) *Electronic funds transfer (EFT).* If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) *Discount.* In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) *Over-payments.* If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall --

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including:

(A) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected contract line item or sub-line item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the CO.

(6) *Interest.* (i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 611 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in (i)(6)(V) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract.

(iii) *Final decisions.* The CO will issue a final decision as required by 33.211 if --

(A) The CO and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;

(B) The Contractor fails to liquidate a debt previously specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the CO (see 32.607-2).

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

SECTION C - TERMS AND CONDITIONS

- (A) The date fixed under this contract.
- (B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.
- (vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on—
- (A) The date on which the designated office receives payment from the Contractor;
- (B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or
- (C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.
- (vii) The interest charge made under this clause may be reduced under the procedures prescribed in 32.608-2 of the Federal Acquisition Regulation in effect on the date of this contract.
- (j) *Risk of loss.* Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:
- (1) Delivery of the supplies to a carrier, if transportation is FOB origin; or
 - (2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is FOB destination.
- (k) *Taxes.* The contract price includes all applicable Federal, State, and local taxes and duties.
- (l) *Termination for the Government's convenience.* The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.
- (m) *Termination for cause.* The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.
- (n) *Title.* Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.
- (o) *Warranty.* The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- (p) *Limitation of liability.* Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.
- (q) *Other compliances.* The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.
- (r) *Compliance with laws unique to Government contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C 3701, *et seq.*, Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.
- (s) *Order of precedence.* Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.
- (t) *Central Contractor Registration (CCR)*
- (1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any

SECTION C - TERMS AND CONDITIONS

liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR Subpart 42.12, the Contractor shall provide the responsible CO a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible CO. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (q)(2)(i) of this clause, or fails to perform the agreement at paragraph (q)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS – COMMERCIAL ITEMS (52.212-5 Jul 2010)

(a) The Contractor shall comply with the following Federal Acquisition Regulations (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest after Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) Public L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEPT 2006), with Alternate I (SEPT 2006) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.203-13, Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(3) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010) (Pub. L. 109-282) (31 U.S.C. 6101 Note).

(5) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (JUL 2010) (Pub.L. 111-5).

(6) 52.219-3, Notice of Total HUBZone Small Business Set-Aside (JAN 1999) (15 U.S.C 657a).

(7) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JULY 2005) (if the Offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

(8) [Reserved]

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- (9) (i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).
- (ii) Alternate I (OCT 1995) of 52.219-6.
- (iii) Alternate II (MAR 2004) of 52.219-6.
- (10) (i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).
- (ii) Alternate I (OCT 1995) of 52.219-7.
- (iii) Alternate II (MAR 2004) of 52.219-7.
- (11) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)).
- (12)(i) 52.219-9, Small Business Subcontracting Plan (NOV 2007)(15 U.S.C. 637(d)(4).
- (ii) Alternate I (OCT 2001) of 52.219-9.
- (iii) Alternate II (OCT 2001) of 52.219-9.
- (13) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14).
- (14)(i) 52.219-16, Liquidated Damages – Subcontracting Plan (JAN 1999) (15U.S.C. 637(d)(4)(F)(i).
- (15)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008)(10 U.S.C. 2323) (if the Offeror elects to waive the adjustment, it shall so indicate in its offer).
- (ii) Alternate I (JUNE 2003)of 52.219-23.
- (16) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (OCT 1999)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (17) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (15 U.S.C. 657f).
- (19) 52.219-28, Post Award Small Business Program Representation (APR 2009) (15 U.S.C. 632(a)(2).
- (20) 52.222-3, Convict Labor (JUNE 2003)(E.O. 11755).
- (21) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).
- (22) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- (23) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246).
- (24) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).
- (25) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).
- (26) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).
- (27) 52.222-54, Employment Eligibility Verification (JAN 2009). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- (28)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (MAY 2008)(42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).
- (30)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007)(E.O. 13423).
- (ii) Alternate I (DEC 2007) of 52.223-16.
- (31) 52.225-1, Buy American Act-Supplies (FEB 2009)(41 U.S.C. 10a - 10d).
- (32)(i) 52.225-3, Buy American Act - Free Trade Agreements-Israeli Trade Act (JUN 2009) (41U.S.C. 10a - 10d, 19U.S.C. 3301 note, 19U.S.C. 2112 note, 19U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).
- (ii) Alternate I (JAN 2004) of 52.225-3.
- (iii) Alternate II (JAN 2004) of 52.225-3.
- (33) 52.225-5, Trade Agreements (JUN 2009)(19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).
- (34) 52.225-13, Restriction on Certain Foreign Purchases (JUNE 2008) (E.O's, proclamations and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- (35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (NOV 2007) (42 U.S.C. 5150).
- (36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (NOV 2007) (42.U.S.C. 5150)
- (37) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

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(38) 52.232-30, Installment Payments for Commercial Items (OCT 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

(39) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (OCT 2003)(31 U.S.C. 3332).

(40) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999)(31 U.S.C. 3332).

(41) 52.232-36, Payment by Third Party (FEB 2010)(31 U.S.C. 3332).

(42) 52.239-1, Privacy or Security Safeguards (AUG 1996)(5 U.S.C. 552a).

(43)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631).

(ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, which the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-41, Service Contract Act of 1965 (NOV 2007)(41 U.S.C. 351, *et seq.*).

(2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989)(29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*). (See Exhibits)

(3) 52.222-43, Fair Labor Standards Act and Service Contract Act-Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(4) 52.222-44, Fair Labor Standards Act and Service Contract Act-Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41 U.S.C. 351, *et seq.*).

(6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41 U.S.C. 351, *et seq.*).

(7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247).

(8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEPT 2008) (31 U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record.* The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause –

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small

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business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the sub-contractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

- (iii) [Reserved.]
- (iv) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246);
- (v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212);
- (vi) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998)(29 U.S.C. 793);
- (vii) [Reserved]
- (viii) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351, *et seq.*).
- (ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.
- (x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41U.S.C. 351, *et seq.*).
- (xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).
- (xii) 52.222-54, Employment Eligibility Verification (JAN 2009).
- (xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clauses 52.226-6.
- (xiv) 52.247-64, Preference for Privately Owned U.S.- Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

ADDENDA TO CONTRACT TERMS AND CONDITIONS

C3 INSPECTIONS / ACCEPTANCE (52.212-4(a)), the following is added:

C3.1 Scheduling Inspections

C 3.1.1 The Contracting Officer's Technical Representative (COTR) will schedule, in writing (email is acceptable), all initial inspections prior to the aircraft's delivery to the Government. Hours for inspection are 0730 to 1630 local time, Monday through Friday (Government holidays excluded) unless otherwise scheduled by the Government. The Contractor may request rescheduling of any inspection; such request must be in writing to the COTR and no later than 20 days prior to the date of the scheduled inspection. The COTR will attempt to accommodate the request, if it does not interfere with other scheduled inspections.

C3.1.2 The inspection will be conducted at the designated base or other location acceptable to the Government at a mutually agreed upon time and date subject to the following: The inspection shall commence not later than 24 days prior to the established date set for deployment, unless a later inspection is mutually agreed upon.

C3.1.3 Location and time of pilot evaluation flights may be the same as established for equipment inspections.

C3.2 Personnel

C3.2.1 The Contractor's Chief Pilot shall submit annually on Form AMD-64A **no later than August 15** each year, and in no case later than 24 days prior to the delivery date, completed pilot (and mechanic, if applicable) information forms for all personnel that may be utilized under the contract. Information from these forms will assist in evaluating the pilot's and mechanic's qualifications. Only those individuals whose experience/credentials comply with Section B3 of this Contract and whose past experience can be verified from log books, employment records, etc. will be considered for use on this contract. It is the Chief Pilot's responsibility to ensure offered personnel meet the contract's requirements. Concurrent with the Form AMD-64 submission, the Chief Pilot shall state in writing to the CO or his designated representative that all offered personnel records have been screened and comply with Section B3 of this contract.

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NOTE

Submission by the Chief Pilot of non-qualified personnel to the government shall negatively impact the Past Performance Evaluation for the year in which the submission was submitted. The Contractor shall be assessed unavailability should the submission of non-qualified personnel cause delays to the approval process that ultimately effect the availability of the aircraft on the start date of the season.

C3.2.2 Pilot flight performance evaluation shall be conducted when determined necessary by the COTR to further verify the pilot's ability to perform on this contract. The aircraft used for this evaluation will be the same make, model, and series as offered for this contract, shall be equipped with dual controls, and shall be provided by the Contractor for the evaluation flight(s) at the Contractor's expense. Location of the evaluation flight(s) may include access to terrain similar to that to be flown during the contract period. The determination as to the ability of the pilot, through an evaluation flight, to successfully meet the requirements of this contract, will rest solely with the Government.

C3.2.3 Upon determination that the proposed personnel meet all contract requirements, an Aviation Management Division (AMD) Pilot Qualification Card will be issued. The pilot qualification card shall be in the possession of the pilot and available for inspection at all times during the performance of this contract.

C3.3 Equipment

If the aircraft and supporting equipment meet all requirements of the contract, the COTR will issue an aircraft data card authorizing use of the aircraft. The aircraft data card must be clearly displayed in the aircraft's cockpit at all times during the contract period.

C3.4 Substitute Personnel or Equipment

C3.4.1 Inspection of substitute personnel or equipment shall be requested in writing by the Contractor not later than twenty (20) days prior to deployment to any location unless approved at the initial inspection. The Government will, at no cost to the Contractor, inspect substitute personnel and/or equipment on a basis of one additional inspection per quarter (after the first 60 calendar days).

C3.4.2 Notwithstanding the clause titled *Government-Furnished Office Space, Furnishings and Services*, transportation of substitute aircraft and/or personnel to any location will be at the Contractor's expense. When pilots are exchanged or replaced after the initial pilot approval, any training or familiarization flight time, up to three hours for each replacement pilot as deemed necessary by the Government, shall be accomplished at the Contractor's expense.

C3.5 Inspection Expenses

C3.5.1 The Contractor shall be responsible for all costs incurred per the following:

C3.5.1.1 Re-inspection of personnel or equipment that did not comply with contract specifications upon initial inspection.

C3.5.1.2 Inspection of substitute personnel or equipment, except as otherwise provided herein.

C3.5.2 Costs may include, but are not limited to, inspector(s) time, transportation, and subsistence computed as follows:

C3.5.2.1 Inspector time at \$75.00 per hour per inspector, for all re-inspection hours including travel time from Boise, Idaho.

C3.5.2.2 Transportation and Subsistence. Actual cost for required personnel.

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C3.5.3 Re-inspection costs may be deducted from payments due the Contractor.

C4 DESIGNATED BASES

C4.1.1 All equipment, facilities, and personnel required under this contract shall be delivered (report) to, and shall be removed (released) from McMurdo Station, Antarctica.

C4.1.2 Aircraft may be required to operate from bases other than those stipulated in the Schedule of Items at the discretion of the Government. Additional allowances specified elsewhere in Section C32 may apply under such circumstances.

C5 EXCLUSIVE USE PERIOD

C5.1 Aircraft furnished under this contract shall be subject to the exclusive use and control of the Government 24 hours per day, seven (7) days per week throughout the exclusive use period and any ordered period of use. The anticipated exclusive use period is set forth in CLINs 1-7. In the event the Government chooses to extend the exclusive use period beyond the anticipated period, payment shall be at the rates set forth in the schedule for additional days of availability.

C5.1.1 Release of aircraft for other use. The contract aircraft are for the exclusive use of the Government 24 hours per day, during the exclusive use period. However, the Government may not use the aircraft each day. At times that the Government may not require the aircraft, the Contractor is encouraged to utilize the aircraft for other uses as long as such use will not adversely impact performance of this contract. Accordingly, the Government will provide the Contractor with advance notice of potential days the aircraft will not be required. The Contractor may request and the Government may agree to release the aircraft for non-Government uses. When released, no payment for availability or flight hours will accrue for the period released.

C5.2 Availability

F5.2.1 Availability is the period of each day that the aircraft, crew, and all equipment are contractually compliant and available for service as scheduled by the Government.

C5.2.1 The Government will establish the availability period that will not exceed the maximum crew duty limitations as set forth below. The Government may order service beyond the basic twelve (12) hours, however, the total availability period will not exceed the maximum crew duty limitations as follows:

Pilots/Co-Pilots: Maximum of 14 hours per day
Mechanic: Maximum of 16 hours per day

C5.3 Schedule of Operations and Reaction Time

The Government will coordinate daily scheduled operations with the Contractor's designated on-ice representative. The Contractor shall provide availability of service, as directed by the Government, at the times specified in the daily flight schedule.

C5.3.1 Should an unscheduled event occur, flight crews shall initiate preflight preparations within 30 minutes of notification of that event.

C5.3.2 During weather delays, crews shall maintain continued communications with Government Representatives until conditions improve and flight resumes, until the conclusion of the duty day, or official release from duty as specified below.

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C5.3.3 Release From Duty. The Contractor's personnel may be released and be considered off duty. Once released, they cannot be required to return to duty status that day. Service shall be recorded as available provided the Government has approved release of the Contractor's personnel in advance.

C5.4 Mechanic Availability

A mechanic shall be available at the base of operations during the periods in which the aircraft is operating in performance of this contract. A mechanic shall be present to service and inspect the aircraft.

C5.4.1 Maintenance During Availability Period

The COTR may approve removal of the aircraft from service to permit the Contractor to perform scheduled or unscheduled maintenance. Approval to remove the aircraft from service shall be wholly discretionary by the Government. Availability shall continue to be measured and paid throughout periods approved for maintenance, PROVIDED:

C5.4.1.1 The Contractor requests permission to remove the aircraft from service well in advance of the maintenance.

C5.4.1.2 The Government, at its discretion, shall have the right to require the Contractor to resume service at any time within the period specified under the schedule of operations.

C5.4.1.3 The aircraft and crew are ready to take off within 60 minutes of any order to resume service.

C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM

C6.1 Unavailability

C6.1.1 Services shall be recorded as unavailable whenever the Contractor fails to comply with the requirements specified in this contract. Service will continue as unavailable, throughout the period scheduled above, until the failure is corrected, as determined by the Contracting Officer or their designated representative. .

C6.1.2 Service shall be recorded as unavailable whenever the aircraft is removed from service for use in inspecting pilots under C3. The Contractor shall notify the COR/COTR of the exact date and time the aircraft is requested to be removed from service. Service shall be recorded as unavailable throughout the entire period, including preparation for inspection and return to service.

C6.1.3 The Contractor shall notify the COR/COTR when the service is again available.

C7 MEASUREMENT, PAYMENT AND GUARANTEE

C7.1 Measurement of Daily Availability

Availability of service will be measured and recorded in days for the period service is ordered by the CO or COR and performed by the Contractor in accordance with contract specifications. The daily availability rate shall include all fixed and variable costs (depreciation, salaries, overhead, annual inspections, permanent shop facilities, etc.) incurred in providing continuous service, exclusive of those costs directly attributable to actual flight.

C7.2 Payment for Daily Availability

C7.2.1 Payment will be made for daily availability at the rates set forth in the Schedule of Items except that availability will be reduced for each hour or portion thereof service is listed as unavailable as follows:

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SINGLE CREW: 1/14 per hour not to exceed 14/14 per day
DOUBLE CREW: 1/20 per hour not to exceed 20/20 per day

C7.2.2 The Government will pay for daily availability for each airplane ordered during the exclusive use period from the date that the Contractor is required to deliver the airplane to the delivery point until it is released from service. Payment for daily availability shall not begin if the airplane is not properly prepared, as determined by the COTR.

NOTE

The Government shall notify the Contractor of the required actual aircraft delivery date not later than forty-five (45) calendar days prior to the time the aircraft are required at the delivery point.

ARRIVAL AT DELIVERY POINT: Upon arrival at the required delivery point, the Contractor shall ensure that the flight crews receive two days rest prior to beginning services as ordered. Availability will not be paid for the two days of rest. Contractor will be allocated one paid day of Availability per aircraft ordered for unloading and reconfiguration of the aircraft for Antarctic work upon arrival at the required delivery point.

RETURN TO HOME BASE: The Contractor shall prepare the aircraft for return shipment/redeployment. The Contractor will be permitted one day of availability per aircraft to prepare the aircraft for shipment/redeployment prior to its scheduled release time. The airplane shall be considered unavailable if not properly prepared for return shipment/redeployment as determined by the COTR. In the event the Contractor requests that an aircraft be removed from service in sequence that would exceed the allotted period per aircraft, daily availability payments will be suspended for the excess time.

C7.3 Measurement and Payment for Flight Time

C7.3.1 Flight time shall be defined and reported as the time from the moment an aircraft first moves under its own power for the purpose of taking off until the moment it comes to rest at the end of the flight

C7.3.2 Payment will be made at the rates set forth in the Schedule of Items for all flights ordered by the Government and flown by the Contractor.

C7.4 Flights for Contractor's Benefit

Payment will not be made for flights for the benefit of the Contractor, such as maintenance test flights, ferrying to and from maintenance facilities, training or familiarization flights (as described in Section C3.4.2), flights required following an engine change, or transportation of Contractor's support personnel.

C8 GOVERNMENT-FURNISHED PROPERTY

C8.1 Ownership and Control

C8.1.1 The Government will retain full ownership and control of all property furnished by the Government. Government-furnished property not consumed in performance shall be surrendered upon demand (i.e., during performance or end of the exclusive use period).

C8.1.2 The Contractor shall execute receipt of property documents for any property furnished by the Government.

C8.1.3 During the term of the contract, certain Government-owned equipment may be assigned to the Contractor. If the equipment is lost, damaged or totally destroyed as a result of the Contractor's negligence or as a result of any accident, the fair market value of the equipment will be charged to the Contractor and withheld from payments due under this contract.

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C8.2 Government-Furnished Property\Equipment For Use

The Government will provide the following equipment for use by the Contractor while deployed to Antarctica. However, notwithstanding the clause **52.245-01 Government Furnished Property**, the Contractor shall not be responsible for its maintenance. The Government will not provide any equipment for the performance of work in the Arctic Polar Regions.

C8.2.1 Common ground servicing equipment; e.g., ladders, work stands, and other general, non-powered equipment,

C8.2.2 Heated spare parts storage at McMurdo Station and South Pole.

C8.2.3 Fueling equipment (except as otherwise identified herein)

C8.2.4 Heaters (Herman-Nelson)

C8.2.5 Auxiliary Power Units

C8.3 Government-Furnished Property\Equipment For Installation

The Government may provide scientific equipment for installation in the Contractor's airplanes to partially satisfy the requirement set forth at Table B5.7.1.4. If approved by the government, the Contractor may temporarily remove this equipment, however, the Contractor is responsible for all cost associated with removal and reinstallation, as well as re-certifying this equipment prior to its reinstallation. The Contractor is also responsible for maintenance and care of this equipment at all times (even while temporarily removed) as required by the clause **52.245-01 Government Furnished Property**.

C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES

C9.1 Government-Furnished For Antarctica

The Government will furnish at no cost to the Contractor:

C9.1.1 Deploy/Redeployment Transportation

C9.1.1.1 Air transportation (one time) from Pt. Hueneme, CA to Government sites in Antarctica for replacement and/or other equipment and materials not deployed via the Contractor's aircraft

C9.1.1.2 Either surface or air transportation between Government sites in Antarctica and the Pt. Hueneme, CA for equipment and materials not demobilized by the Contractor's aircraft

C9.1.2 Facilities as necessary for personnel assigned to work under this contract in Antarctica

C9.1.2.1 Office Facilities

C9.1.2.1.1 Office space (including maintenance and housekeeping)

C9.1.2.1.2 Utilities, including telephone service

C9.1.2.1.3 General-purpose office equipment and office furniture

C9.1.2.2 Maintenance Facilities

C9.1.2.3 Lodging

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C9.1.2.3.1 Food and lodging (double occupancy) for the Contractor's personnel while performing work in Antarctica

C9.1.2.4 Services

C9.1.2.4.1 Meteorology

C9.1.2.4.2 Air traffic control

C9.1.2.4.3 Waste disposal and spill clean-up

C9.1.2.4.4 Access to the USAP Medical Clinics

C9.1.2.4.5 Oxygen shall be available to flight crews at South Pole Station upon request, unless not available due to higher priority medical requirements.

C9.1.2.5 Vehicle: the Government shall provide, from a pool of vehicles, a vehicle to be used to transport Contractor staff to and from McMurdo and airfields

C9.1.3 Personal Gear

C9.1.3.1 Extreme cold weather gear for use in Antarctica (other than that required elsewhere by this contract)

C9.1.3.2 Other items required per the USAP Personnel Manual, such as sunglasses and personal toiletry items, are the responsibility of the Contractor.

C9.1.4 Airport facilities: The Government shall provide office space to include work desk, phone, and computer with internet and storage area for reference manuals. Space will be provided for Do Not Freeze (DNF) and hazmat items. Maintenance facilities shall be provided to the Contractor while in McMurdo.

C9.2 Government-Furnished For Arctic

For work in the Arctic, any transportation, facilities, lodging, services or personal gear provided by the Government will be identified on each order; however, the Contractor shall be prepared to provide their own services for Arctic work.

C10 AFTER-OPERATIONS REPORT

The Contractor shall annually prepare and furnish copies of an After-Operations Report, detailing for the period from each March through the following February:

- (a) status of all major events and activities identified in this contract, and other correspondence from the CO;
- (b) a summary of all NSF-approved changes to the contract since the beginning of the contract;
- (c) a concise summary of all work performed during the reporting period, including
 1. flight hours by airplane by day, segregated by location (i.e., Arctic or Antarctic);
 2. days of no flight or partial flight, with explanation as to why (e.g., weather; maintenance; etc)
 3. days detached to other sites (e.g., deployed to CTAM; WAIS; etc), inclusive of data per items 1 and 2 above
 4. and any problems encountered;
- (d) a summary of all unscheduled heavy maintenance performed on aircraft used in the performance of the contract;
- (e) a summary and detail of any and all aircraft Incidents or Mishaps;
- (f) a financial report for the period;
- (g) a cumulative financial report for the contract; and
- (h) future plans and actions required of the Government.

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The After Operations Report shall be submitted to the NSF NLT 1 May following the conclusion of each season.

C11 CONTRACTOR DATA REQUIREMENTS

C11.1 Contractor-Provided Data

The Contractor shall provide the Government the following data at the intervals indicated:

C11.1.x	Description	Interval	Contract Ref	Notes
1	List of installed items required to be overhauled or replaced on a specified time basis	Prior to initial aircraft inspection	B6.5.3	(3)
2	List of FAA ADs and required MMSBs on the make and model of aircraft offered	Upon request	B6.6	(3)
3	Contractor's 14 CFR 135.21 procedures manual	Upon request	B6.8.3	(3)(7)(8)
4	Report concerning allowable exceptions to the prohibited acts described at Section B8.2	W/in five calendar days of event	B8.3.4	(1)
5	Report concerning allowable exception to the prohibited acts described at Section B9.2	W/in five calendar days of event	B9.3.2	(1)
6	Prior approval to use or release designated pollutants in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
7	Prior approval to use or release waste in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
8	Form AMD-64A – <i>Airplane Pilot Qualifications and Approval</i>	Annually; No later than August 15	C3.2.1	(2)(3)
9	After-Operations Report	Annually, NLT 1 May	C10	(5)(6)(11)
10	Copies of reports submitted to the FAA or other civil aviation authorities	Simultaneously with original submission	C17.1	(3)
11	Information needed to complete NTSB Form 6120.1/2	W/in one calendar day of event	C18.3.1	(9)
12	Form AMD-34 or FS 5700-14, <i>SafeCom</i>	W/in five calendar days of event	C18.3.2	(9)
13	Aircraft Use Report - Aviation Management System	Bi-weekly	C20	(1)
14	Security investigation form(s)	W/in seven working days of receipt	C22	(1)
15	Medical and dental examination forms	Upon completion	C23	(10)

Note (1): Submit as described per contract reference.

Note (2): No later than 14 days prior to delivery of airplanes to the delivery point.

Note (3): Submit to the COTR per AMD appointment.

Note (4): Reserved for future use.

Note (5): Submit NLT 1 May, 2011 and annually thereafter.

Note (6): Submit three copies each to the CO. Copies may be electronic.

Note (7): Submit revisions as they are published.

Note (8): Submit to NSF Program Manager.

Note (9): Submit to AMD Aviation Safety Manager (ASM) with copy to NSF/OPP Health and Safety Officer.

Note (10): Submit as described therein.

Note (11): Contractor shall not use, release to others, reproduce, distribute or publish this without the CO's written authorization per the authority of the clause titled *Rights in Data – General*, Paragraph (d)(1).

C11.2 Addresses For Submission

Data shall be submitted as directed to the following addresses:

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C11.2.1 DOI/AQD Contracting Officer:

Interior Business Center, Acquisitions Services Directorate
300 E. Mallard Dr., Ste. 200
Boise, ID 83706-3991
ATTN: Michael Willis, Contracting Officer

C11.2.2 OAS Aviation Safety Manager:

National Business Center, Aviation Management Directorate
300 E. Mallard Dr., Ste. 200
Boise, ID 83706-3991
ATTN: Keith Raley, Aviation Safety Manager

C11.2.3 NSF Program Office:

National Science Foundation
Office of Polar Programs
4201 Wilson Boulevard, Room 755.17
Arlington, VA 22230
ATTN: Michael Scheuermann, Program Manager

C12 FAR CLAUSES INCORPORATED BY REFERENCE

NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

Federal Acquisition Regulations (48 CFR Chapter 1) Clauses

52.245-01	GOVERNMENT FURNISHED PROPERTY	AUG 2010
52.242-17	GOVERNMENT DELAY OF WORK	APR 1984

C13 CONTRACTS

C13.1 One conformed copy of the contract will be furnished to the Contractor.

C13.2 The Contractor shall maintain a copy of the contract and all modifications at its base of operations throughout the contract's term.

C14 AUTHORITY OF GOVERNMENT PERSONNEL

(a) The CO is the only individual authorized to enter into or terminate this contract, modify any term or condition of this contract, waive any requirement of this contract, or accept nonconforming work.

(b) The CO will designate a Contracting Officer's Representative (COR) at time of award. The COTR will be the CO's designated representative and shall be responsible for technical monitoring of the Contractor's performance and deliveries. The COR will be appointed in writing, and a copy of the appointment will be furnished to the Contractor. Changes to this delegation will be made by written changes to the existing appointment or by issuance of a new appointment. The COR for this contract will be:

Mr. Andrew Barry
Office of Aviation Services
300 E. Mallard Dr. Ste 200
Boise, ID 83706

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Phone: (208) 433-5080

Fax: (208) 433-5085

(c) The COR is not authorized to perform, formally or informally, any of the following actions:

- 1) Promise, award, agree to award, or execute any contract, contract modification, or notice of intent that changes or may change this contract;
- 2) Waive or agree to modification of the delivery schedule;
- 3) Make any final decision on any contract matter subject to the Disputes Clause;
- 4) Terminate, for any reason, the Contractor's right to proceed;
- 5) Obligate in any way, the payment of money by the Government.

(d) The Contractor shall comply with the written or oral direction of the CO or authorized representative(s) acting within the scope and authority of the appointment memorandum. The Contractor need not proceed with direction that it considers to have been issued without proper authority. The Contractor shall notify the CO in writing (email is acceptable), with as much detail as possible, when it is perceived the COR has taken an action or has issued direction (written or oral) that the Contractor considers to exceed the COR's appointment, within 2 days of the occurrence. Unless otherwise provided in this contract, the Contractor assumes all costs, risks, liabilities, and consequences of performing any work it is directed to perform that falls within any of the categories defined in paragraph (c) prior to receipt of the CO's response issued under paragraph (e) of this clause.

(e) The CO shall respond in writing within 30 days to any notice made under paragraph (d) of this clause. A failure of the parties to agree upon the nature of a direction, or upon the contract action to be taken with respect thereto, shall be subject to the provisions of the Disputes clause of this contract.

(f) The Contractor shall provide copies of all correspondence to the CO and the COR.

(g) Any action(s) taken by the Contractor, in response to any direction given by any person acting on behalf of the Government or any Government official other than the CO or the COR acting within his or her appointment, shall be at the Contractor's risk.

C15 CONTRACTOR'S ON-SITE STATION SUPERVISOR

For work performed in Antarctica or other locations designated by the Government, the Contractor shall designate an on-site manager, with full authority to receive instruction and act on the firm's behalf. The Contractor shall provide this designation to the CO no later than 1 October 2011 and/or upon change of delegation. This authority need not include the authority to bind the firm contractually. However, the individual shall have knowledge of the duties and responsibilities of the Government personnel identified herein. This individual shall be a working manager whose collateral duties may involve flying (i.e. currency requirements, replacement of medically down pilot, etc), however not as their primary role and shall be available to manage issues promptly and effectively. In addition, the Contractor shall designate an alternate on-site manager to function in the place of the on-site manager in his/her absence. The on-site manager or his/her alternate shall supervise the execution of the fixed wing flight schedule, be available and off of the daily flight schedule at all times when the Contractor's employees are working in Antarctica. Contractor will arrange for a dedicated On Site Station Supervisor for time periods when more than three (3) Twin Otters and one (1) Basler aircraft are deployed in Antarctica under this contract.

C16 CHOICE OF LAW

This contract shall be construed and interpreted in accordance with the substantive laws of the United States of America. By the execution of this contract, the Contractor expressly agrees to waive any rights to invoke the jurisdiction of local national courts where this contract is performed and agrees to accept the exclusive jurisdiction of the Interior Board of Contract Appeals and the United States Court of Federal Claims for the hearing and determination of any and all disputes that may arise under the Disputes clause of this contract. Furthermore, the Contractor expressly agrees to recognize the jurisdiction and authority of the U.S. National Transportation Safety

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Board, its agents and its employees in the conduct of investigations determined to be necessary by the Board as a consequence providing flight services under this contract.

C17 SAFETY AND ACCIDENT PREVENTION

C17.1 FAA Reporting Requirements

The Contractor shall furnish to the CO a copy of all reports required to be submitted to the FAA by the Federal Aviation Regulations, or other civil aviation authority, in accordance with 14 CFR that relate to pilot and maintenance personnel performance, aircraft airworthiness or operations.

C17.1.1 Examples of these reports are paragraphs 14 CFR Part 135.415 Mechanical Reliability Reports and Part 135.417 Mechanical Interruption Summary Reports required of the Federal Aviation Regulations, 49 CFR Part 830, and FAA Form 8010-4, Malfunction or Defect Report.

C17.2 Determination of Compliance

Following the occurrence of a mishap, the CO will evaluate whether noncompliance or violation of provisions of the contract, the Federal Aviation Regulations applicable to the Contractor's operations, company policy, procedures, practices, programs, and/or negligence on the part of the company officers or employees may have caused or contributed to the mishap. The Contractor shall fully cooperate with the CO in the fulfillment of this clause.

C17.3 Safety Programs

The Contractor shall keep and maintain programs necessary to assure safety of ground and flight operations. The development and maintenance of these programs are a material part of the performance of the contract.

C17.3.1 Examples of such programs are:

- Personnel activities
- Maintenance
- Safety
- Compliance with regulations

C18 MISHAPS

C18.1 Definitions

As used throughout this contract, the following terms shall have the meaning set forth below:

C18.1.1 *Aircraft Accident* means an occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage. For purposes of this part, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined herein.

C18.1.2 *Airspace Conflict* means a near mid-air collision, intrusion, or violation of airspace rules.

C18.1.3 *Aviation Hazard* means any condition, act, or set of circumstances that exposes an individual to unnecessary risk or harm during aviation operations.

C18.1.4 *Fatal Injury* means any injury which results in death within 30 days of the accident.

C18.1.5 *Incident* means an occurrence other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operations.

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C18.1.6 *Incident with Potential* means an incident that narrowly misses being an accident and in which the circumstances indicate significant potential for substantial damage or serious injury. Classification of an incident as an "Incident with Potential" is determined by the agency Aviation Safety Officer (ASO.)

C18.1.7 *Maintenance Deficiency* means an equipment defect or failure which affects or could affect the safety of operations, or that causes an interruption to the services being performed.

C18.1.8 *Operator* means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

C18.1.9 *SafeCom* means an agency Aviation Safety Communiqué used to report any condition, observance, act, maintenance problem, or circumstance that has potential to cause an aviation related accident (Form AMD-34 or FS 5700-14).

C18.1.10 *Serious Injury* means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

C18.1.11 *Substantial Damage* means damage or failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component. Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

C18.2 Mishap Reporting

C18.2.1 The Contractor shall immediately, and by the most expeditious means available, notify the National Transportation Safety Board (NTSB), the civil aviation authority in the country that the aircraft are certificated, the Office of Aircraft Service's Aviation Safety Officer (ASO), and the NSF's Safety and Health Officer (S&HO) when an "Aircraft Accident" or NTSB reportable "Incident" occurs.

C18.2.2 The ASO and S&HO shall immediately be notified when an "Incident with Potential" occurs.

C18.2.3 The toll free 24-hour Interagency Aircraft Accident Reporting Hot Line number is: 1-888-4MISHAP (1-888-464-7427). The NSF's S&HO, Mr. James Karcher, is available at 1-703-292-7477. Cell is 703-819-0283.

C18.3 Forms Submission

C18.3.1 Following an "Aircraft Accident" or when requested by the NTSB following the notification of a reportable "Incident," the Contractor will provide the ASO with information necessary to complete a NTSB Form 6120.1/2. A copy of this information shall be submitted to the S&HO.

C18.3.2 The NTSB Form 6120.1/2 does not replace the Contractor's responsibility, within 5 days of an event, to submit to the agency ASO a "SafeCom" to report any condition, observance, act, maintenance problem, or circumstance which has potential to cause an aviation-related mishap. Submission via the internet at <http://nbc.amd.gov> is preferred. Blank SafeComs can be obtained from agency ASMs. A copy of this information shall be submitted to the S&HO.

C18.4 Pilot Suspension

C18.4.1 Upon classification of a mishap as an "Aircraft Accident" by the NTSB, a pilot operating under this contract will be suspended by the DOI Investigator in Charge (IIC) from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot.

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C18.4.2 Upon classification of an incident as an "Incident with Potential" by the AMD ASM, a pilot operating under this contract may be suspended by the DOI IIC from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot. The AMD ASM may take suspension action if an immediate safety concern is indicated.

C18.4.2 Whenever the pilot is suspended by the DOI IIC, the pilot Qualification Card shall be surrendered to the DOI IIC. Suspension will continue until:

C18.4.3.1 Rescinded by the CO or designated technical representative, or

C18.4.3.2 Revocation action is taken by AMD in accordance with procedures contained in Interior Departmental Manual 351 DM 3. A copy of these procedures is available from AMD upon request.

C18.5 Preservation Requirements

C18.5.1 The Contractor shall not permit removal or alteration of the aircraft, aircraft equipment or records following an Aircraft Accident, Incident, or Incident with Potential, until authorized to do so by the CO or other authorized agency representative. Exceptions are when threat to life or property exists; the aircraft is blocking an airport runway, etc. The CO or COTR shall be immediately notified when such actions take place.

C18.5.2 The NTSB's or other civil aviation authorities' release of the wreckage does not constitute a release by the CO.

C18.6 Mishap Investigations

The Contractor shall maintain an accurate record of all aircraft accidents, incidents, aviation hazards and injuries to Contractor or Government personnel arising in the course of performance under this contract. Further, the Contractor fully agrees to cooperate with the Government during an investigation. This includes, but is not limited to: (1) making personnel available for interviews by Government investigators; (2) making personnel available for sampling of blood and other bodily fluids for analysis; and (3) making personnel records, aircraft records, and any equipment, damaged or undamaged, deemed necessary by the agency available for inspection. Non-compliance is cause for contract termination.

C18.7 Costs Related to Investigation

The Government will be responsible for any costs, including necessary transportation, associated with the disassembly of the aircraft or any of its components deemed necessary by the AMD and/or other Investigators-In-Charge. The Contractor will be fully responsible for any cost associated with the reassembly, approval for return-to-service, and return transportation of any items disassembled by the Government.

C18.8 Rescue and Salvage Responsibilities

The cost of search, rescue and salvage operations made necessary due to causes other than negligent acts of a Government employee shall be the responsibility of the Contractor.

C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT

C19.1 Contractor Personnel

The Contractor shall be responsible for the furnishing of personnel fully qualified to perform the services as provided for in this contract. As a designated representative of the Contractor, Contractor personnel are expected to perform and act in a professional manner at all times. The Contractor shall be fully responsible for the actions of Contractor employees during the performance term of this contract. NSF has a zero tolerance for fisticuffs or other

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pugilistic actions; such behavior will result in immediate removal of involved personnel from the ice, with concomitant replacement of such personnel at the Contractor's expense.

C19.2 Rules of Conduct

Performance of contract services will involve work and/or residence on Federal and other national Antarctic program facilities. Contractor employees are expected to follow the rules of conduct established by the manager of such facilities that apply to all (both Government or non-Government) personnel working or residing on such facilities.

C19.3 Replacement of Personnel

The Contractor's employees are an integral element of the project for which the aircraft was acquired. As a team member, cooperation, within the scope of this contract, is essential to the successful completion of the effort. Personnel who perform ineffectively, refuse to cooperate in the fulfillment of the project objectives, are unable or unwilling to adapt to communal and/or field living conditions, or whose general performance is unsatisfactory or otherwise disruptive, shall be replaced by the Contractor. Pilots who fly recklessly or fail to follow safe operating practices shall be replaced by the Contractor. The Government has sole discretion as to when replacement of Contractor personnel is warranted. When conditions warrant, the Government may request immediate removal of Contractor personnel from performance under the contract. When immediate removal of the Contractor's personnel is required by the Government, the Contractor shall immediately direct the identified personnel to leave the facilities. Failure of the Contractor to fulfill their crew requirements as a result of the removal of personnel from the contract will result in the aircraft being unavailable.

C19.4 Unsatisfactory / Unsafe Performance

The Contractor shall be notified by the CO, or designated representative, of all unsatisfactory conduct or performance, stating the conditions of unsatisfactory or unsafe performance by his personnel. An opportunity for corrective action may be afforded when the conditions warrant. When directed by the CO, the Contractor shall replace unacceptable personnel in a time period as mutually agreed upon.

C19.5 Determination of Unacceptability

The decision as to unacceptability shall be at the sole discretion of the CO. Failure to replace a Contractor employee based upon the conditions set forth herein, may also constitute a basis for Termination for Cause.

C20 BILLING AND PAYMENT REQUIREMENTS

C20.1 Designated Agency Office and Payment Office

C20.1.1 The office identified in Block 18a of the SF 1449 is the office designated by the contract to issue payments. It is the Contractor's responsibility to submit invoices as identified below.

C20.1.2 The Contractor may submit invoices every two weeks starting the first day services begin. Services provided must be shown on a daily basis.

C20.1.3 Invoicing and the issuance of payments will be accomplished through a DOI Government provided electronic payment system, the Aviation Management System (AMS). The Contractor will be required to enter/confirm electronic data on a web-based application with payment submission on intervals as stated above. The Government will provide advance information concerning the details of the system.

C20.2 Guarantee

It is the Contractor's responsibility to compute and submit a properly detailed "Aircraft Use Report" in the Aviation Management System (AMS) for any guarantee due under the contract.

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C20.3 Improper Invoices

The Contractor will be notified in accordance with the provisions of the Prompt Payment Act if the invoice (Aircraft Use Report in AMS) is not properly completed. If the invoice is determined to be improper, the payment due date will then be computed from the date of receipt by the designated billing office of the properly completed Aircraft Use Report.

C20.4 Disputed Payments

Claims for payment of supplies or services that involve disagreements between the Government and the Contractor about quantity, quality, or Contractor compliance with contract requirements, must be submitted separately and will be processed in accordance with the Disputes clause 52.212-4 (d).

C21 HOLIDAYS AND LEAVE

General administrative or holiday leave (as observed locally) may be granted by the NSF Director, by the Office of Personnel Management, by the Senior U.S. Representative in Antarctica, or other local Government authority due to inclement weather or other compelling reason. Any such leave will also apply to Contractor personnel assigned to work at an NSF site.

C22 PERSONNEL SECURITY REQUIREMENTS

C22.1 NSF Security Requirement

If required by NSF, each position under this contract will be assigned a position sensitivity level based upon the criteria in Chapter IX, National Science Foundation (NSF) Personnel Manual No. 14.

The position sensitivity level will be determined by the NSF personnel Security Officer.

For each position classified as sensitive, the Contractor shall be provided appropriate security investigation forms by the NSF Personnel Security Officer and shall be responsible for furnishing them to the employee occupying, or proposed to occupy, the position under this contract. The employee must complete the forms and deliver them in person within seven (7) days from the date the forms are furnished to the Contractor to:

National Science Foundation
Head, Personnel Processing Services Center
Division of Human Resource Management
Room 315
4201 Wilson Boulevard
Arlington, VA 22230

Failure to return the completed security investigation forms in person within seven (7) working days shall be cause for making a determination that the employee may not perform, or continue to perform, in the case of contracts in effect at the date of issuance of this requirement, in any sensitive capacity under the contract, whether on-site or off-site. The employee may be eligible for reinstatement to the contract if the completed forms are submitted after the seven-day period, at the discretion of the NSF Personnel Security Officer.

Cost for conducting the required personnel investigation will be paid by NSF. Investigations will be conducted in accordance with Office of Personnel Management minimum investigative requirements.

If an investigation report contains information that is deemed significant or derogatory, a determination will be made with regard to the Employee's eligibility to serve in the subject position by the NSF Personnel Security Officer, pending adjudication or other disposition of the case.

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The Contractor is required to insert terms that conform substantially to the language of this clause, including this paragraph, in all subcontracts under this contract.

C22.2 Contractor Personnel Security Requirements

C22.2.1 It has been determined that Contractor personnel utilized in the support of this contract will not be allowed routine and regular unsupervised access to a federally controlled facility for more than 180 days, nor will they need unsupervised access to a Federally controlled Level 3 or 4 information system.

C22.2.2 Contractor employees utilized in support of this contract will be treated as visitors (uncredentialed Contractor) and not be required to receive background investigations and credentialing. However, uncredentialed Contractors may be subject to the screening processes utilized at each federally controlled facility where the Contractor services are required. At a minimum, Contractor employees will be issued a temporary/visitor badge and shall display it at all times during contract performance when accessing a federally controlled facility. The COTR is responsible for ensuring that all Contractor employees are issued a temporary/visitor badge.

C22.3 Information Technology Security

C22.3.1 The Contractor is required to take Information Security Awareness Training prior to deployment to Antarctica each year. See Section C Exhibits.

C22.3.2 The Contractor shall comply with all information technology requirements for connecting personal computers to the USAP networks. See Section C Exhibits.

C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL

In addition to any other medical or dental requirements established by this contract, persons traveling to Antarctica are subject to medical evaluation to determine whether the individual is physically qualified for deployment to Antarctica (see 45 CFR 675). Medical and dental criteria are enumerated in the Medical Screening Guidelines for the United States Antarctic Program (1998). Deployment of Contractor personnel to Antarctica is contingent upon medical and dental qualification (see Section C Exhibits for USAP medical and dental examination forms).

C24 CONTRACT PERIOD

The contract period will be from date of award through August 31, 2012, unless otherwise extended as allowed herein. The start date is based on the assumption that the Contractor will receive notification of contract award at least 120 days before the start date. If notice of award is not received at least 120 days in advance of the start date, the exclusive use period will start 120 calendar days after notice of award is received. With the written concurrence of both parties, service may begin prior to that date.

The contract period for option years are as follows:

Year 2: September 1, 2012 through August 31, 2013

Year 3: September 1, 2013 through August 31, 2014

Year 4: September 1, 2014 through August 31, 2015

Year 5: September 1, 2015 through August 31, 2016

C25 OPTION TO EXTEND THE TERM OF THE CONTRACT (48 CFR 52.217-9, Mar 2000)

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(a) The Government may extend the term of this contract by written notice to the Contractor at least 30 days prior to expiration of the contract.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) Options exercised prior to the availability of funds for a new fiscal year are subject to FAR 52.232-18 Availability of Funds, which is incorporated by reference.

(d) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 66 months (5.5 years).

1

C26 OPTION TO EXTEND SERVICES (48 CFR 52.217-8, Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. This option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The CO may exercise the option by written notice to the Contractor prior to the expiration of the contract.

C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD

The Government may order additional days of service under the contract on a day-to-day basis, either prior to the established starting date or subsequent to the ending date. The contract terms, conditions, specifications and prices will apply to such extension.

C28 AVAILABILITY OF FUNDS

Funds are not presently available for any award term periods earned. The Government's obligation under this contract concerning award term periods earned is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the CO for the award term periods and until the Contractor receives notice of such availability, to be confirmed in writing by the CO.

C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT

As identified by the clause titled *Limitation of Government's Obligation*, this is an incrementally funded, fixed-price contract. Upon receipt of the Contractor's notice under paragraph (c) of the clause titled *Limitation of Government's Obligation*, the CO shall promptly provide written notice to the Contractor that the Government is:

- Allotting additional funds in a specified amount for continued performance;
- Terminating the contract; or
- Considering whether to allot additional funds; and (i) the Contractor is entitled to stop work in accordance with paragraph (b) of the clause; and (ii) any costs expended beyond the amount specified in the modification as the limitation of the Government's obligation are incurred at the Contractor's risk.

Should the Government determine that the contract will receive no further funds, the CO shall promptly give notice of the Government's decision and terminate for the convenience of the Government.

C30 LIMITATION OF GOVERNMENT'S OBLIGATION (AUGUST 1993)

(a) All CLINs are incrementally funded. For these item(s), the sum of \$1 of the total price is presently available for payment and allotted to this contract. An allotment schedule is set forth in paragraph (i) of this clause.

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- (b) For item(s) identified in paragraph (a) of this clause, the Contractor agrees to perform up to the point at which the total amount payable by the Government, including reimbursement in the event of termination of those item(s) for the Government's convenience, approximates the total amount currently allotted to the contract. The Contractor will not be obligated to continue work on those item(s) beyond that point. The Government will not be obligated in any event to reimburse the Contractor in excess of the amount allotted to the contract for those item(s) regardless of anything to the contrary in the clause entitled "Termination for Convenience of the Government." As used in this clause, the total amount payable by the Government in the event of termination of applicable contract line item(s) for convenience includes costs, profit, and estimated termination settlement costs for those item(s).
- (c) Notwithstanding the dates specified in the allotment schedule in paragraph (i) of this clause, the Contractor will notify the CO in writing at least ninety days prior to the date when, in the Contractor's best judgment, the work will reach the point at which the total amount payable by the Government, including any cost for termination for convenience, will approximate 85 percent of the total amount then allotted to the contract for performance of the applicable item(s). The notification will state (1) the estimated date when that point will be reached and (2) an estimate of additional funding, if any, needed to continue performance of applicable line items up to the next scheduled date for allotment of funds identified in paragraph (i) of this clause, or to a mutually agreed upon substitute date. The notification will also advise the CO of the estimated amount of additional funds that will be required for the timely performance of the item(s) funded pursuant to this clause, for a subsequent period as may be specified in the allotment schedule in paragraph (i) of this clause or otherwise agreed to by the parties. If after such notification additional funds are not allotted by the date identified in the Contractor's notification, or by an agreed substitute date, the CO will terminate any item(s) for which additional funds have not been allotted, pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (d) When additional funds are allotted for continued performance of the contract line item(s) identified in paragraph (a) of this clause, the parties will agree as to the period of contract performance which will be covered by the funds. The provisions of paragraphs (b) through (d) of this clause will apply in like manner to the additional allotted funds and agreed substitute date, and the contract will be modified accordingly.
- (e) If, solely by reason of failure of the Government to allot additional funds, by the dates indicated below, in amounts sufficient for timely performance of the contract line item(s) identified in paragraph (a) of this clause, the Contractor incurs additional costs or is delayed in the performance of the work under this contract and if additional funds are allotted, an equitable adjustment will be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the item(s), or in the time of delivery, or both. Failure to agree to any such equitable adjustment hereunder will be a dispute concerning a question of fact within the meaning of the clause entitled "Disputes."
- (f) The Government may at any time prior to termination allot additional funds for the performance of the contract line item(s) identified in paragraph (a) of this clause.
- (g) The termination provisions of this clause do not limit the rights of the Government under the clause entitled "Default." The provisions of this clause are limited to the work and allotment of funds for the contract line item(s) set forth in paragraph (a) of this clause. This clause no longer applies once the contract is fully funded except with regard to the rights or obligations of the parties concerning equitable adjustments negotiated under paragraphs (d) and (e) of this clause.
- (h) Nothing in this clause affects the right of the Government to terminate this contract pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (i) The parties contemplate that the Government will allot funds to this contract in accordance with the following schedule:

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On execution of contract	\$1
October 15, 2011	\$TBD
October 15, 2012	\$TBD
October 15, 2013	\$TBD
October 15, 2014	\$TBD
October 15, 2015	\$TBD

C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT

C31.1 AIRCRAFT INSURANCE

The Contractor must maintain as a minimum, aircraft insurance coverage required by 14 CFR, Part 205, during contract performance.

C31.2 ECONOMIC PRICE ADJUSTMENT

(b) (4)

C32 ADDITIONAL PAY ITEMS

Claims for additional pay items addressed herein must be documented on the invoice for payment and supported by invoice(s) and/or document(s), as required below. The Government will not pay claims submitted with incomplete or missing supporting documentation.

C32.1 Subsistence Allowance. A claim for a subsistence allowance (lodging and/or meals) may be made for each authorized crewmember's overnight stay, including mandatory days off, when assigned to a base away from the designated base subject to the following:

C32.1.1 The Government, at its option, may provide meals and/or lodging (which may be remote field or camp accommodations).

C32.1.1.1 No additional amount(s) shall be paid for lodging taxes, occupancy sales tax, city tax, or such taxes or other costs that may be imposed by lodging facilities at any location. No additional amount shall be paid for lodging amounts that exceed the FTR applicable standard or high rates.

NOTE: Any invoice that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to re-submit payment for the appropriate FTR specified rate.

NOTE: Any invoice submission that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to resubmit at the FTR allowable rate for the overnight area.

C32.1.1.2 No lodging receipts are required to support the subsistence claim.

SECTION C - TERMS AND CONDITIONS

C32.1.2 If the Contractor does not use Government provided meals and/or lodging, the Government will not pay for Contractor costs incurred for travel to alternate meal or lodging locations.

C32.1.3 Unless the Government makes three meals available to the Contractor's employees, the applicable FTR total rate for meals and incidental expenses will be paid.

C32.1.4 If partial subsistence, either three meals or lodging, is provided by the Government, the Contractor will be paid at current FTR rates for the portion that is Contractor provided. Lodging will be handled as stated above. Current rates established by the FTR are:

STANDARD

Meals and Incidental Expense: (b) (4)

Lodging: (b) (4)

Total: (b) (4)

HIGH RATE

For current FTR per diem rates see Internet site <http://www.gsa.gov/portal/category/21287>.

C32.1.5 Miscellaneous Contractor Costs. Miscellaneous unforeseeable costs that cannot be recovered through the contract payment rates and that are the direct result of ordered services away from the designated base may be paid at actual costs, when authorized in advance by the COR. Examples of such items are airport use costs (tie-downs) and truck permits at ports-of-entry, etc.. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.6 Landing Fees. The Government will pay the Contractor for all landing fees the Contractor is required to pay. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.7 Government Miscellaneous Charges

The Government will deduct payment for miscellaneous charges for goods or services furnished to the Contractor.

C32.3 Airframe Modifications

The contractor shall be reimbursed for the completion of all airframe modifications directed by the Government. All aircraft modifications performed under this contract shall be approved in advance by written modification to the contract.

C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (July 2010)

(a) FAR 42.1502 directs all Federal agencies to collect past performance information on contracts. The Department of the Interior (DOI) has implemented the Contractor Performance Assessment Reporting System (CPARS) to comply with this regulation. One or more past performance evaluations will be conducted in order to record your contract performance as required by FAR 42.15.

(b) The past performance evaluation process is a totally paperless process using CPARS. CPARS is a web-based system that allows for electronic processing of the performance evaluation report. Once the report is processed, it is available in the Past Performance Information Retrieval System (PPIRS) for Government use in evaluating past performance as part of a source selection action.

(c) We request that you furnish the Contracting Officer with the name, position title, phone number, and email address for each person designated to have access to your firm's past performance evaluation(s) for the contract no later than **30 days after award**. Each person granted access will have the ability to provide comments in the Contractor portion of the report and state whether or not the Contractor agrees with the evaluation, before returning the report to the Assessing Official. The report information must be protected as source selection sensitive information not releasable to the public.

SECTION C - TERMS AND CONDITIONS

(d) When your Contractor Representative(s) (Past Performance Points of Contact) are registered in CPARS, they will receive an automatically-generated email with detailed login instructions. Further details, systems requirements, and training information for CPARS is available at <http://www.cpars.csd.disa.mil/>. The CPARS User Manual, registration for On Line Training for Contractor Representatives, and a practice application may be found at this site.

(e) Within 60 days after the end of a performance period, the Contracting Officer will complete an interim or final past performance evaluation, and the report will be accessible at <http://www.cpars.csd.disa.mil/>. Contractor Representatives may then provide comments in response to the evaluation, or return the evaluation without comment. Comments are limited to the space provided in Block 22. Your comments should focus on objective facts in the Assessing Official's narrative and should provide your views on the causes and ramifications of the assessed performance. In addition to the ratings and supporting narratives, blocks 1 – 17 should be reviewed for accuracy, as these include key fields that will be used by the Government to identify your firm in future source selection actions. If you elect not to provide comments, please acknowledge receipt of the evaluation by indicating "No comment" in Block 22, and then signing and dating Block 23 of the form. Without a statement in Block 22, you will be unable to sign and submit the evaluation back to the Government. If you do not sign and submit the CPAR within 30 days, it will automatically be returned to the Government and will be annotated: "The report was delivered/received by the Contractor on (date). The Contractor neither signed nor offered comment in response to this assessment." Your response is due within 30 calendar days after receipt of the CPAR.

(f) The following guidelines apply concerning your use of the past performance evaluation:

(1) Protect the evaluation as "source selection information." After review, transmit the evaluation by completing and submitting the form through CPARS. If for some reason you are unable to view and/or submit the form through CPARS, contact the Contracting Officer for instructions.

(2) Strictly control access to the evaluation within your organization. Ensure the evaluation is never released to persons or entities outside of your control.

(3) Prohibit the use of or reference to evaluation data for advertising, promotional material, preaward surveys, responsibility determinations, production readiness reviews, or other similar purposes.

(g) If you wish to discuss a past performance evaluation, you should request a meeting in writing to the Contracting Officer no later than seven days following your receipt of the evaluation. The meeting will be held in person or via telephone or other means during your 30-day review period.

(h) A copy of the completed past performance evaluation will be available in CPARS for your viewing and for Government use supporting source selection actions after it has been finalized.

SECTION C - TERMS AND CONDITIONS

C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

These documents are attached in the following Sections and are made a part of this contract, incorporated by reference, and are available at www.amd.nbc.gov or by the following hyperlink:

<https://webapp2.nbc.gov/apps/oassol.nsf/7435d479f4fc9fbe882569ca0071a792/bd2cflb330c314f9872577b100610ff4?OpenDocument>

No	Document	Date	No. of Pages	Section Ref.
1	Pilot's Personal Protective Equipment	None	1	B2.3
2	First Aid Kit and Survival Kit	16 Dec 1997	1	B4.2.2 & B4.2.3
3	Solid Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	14	B9.5
4	Hazardous Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	21	B9.5
5	Instructions on Packaging and Shipping	14 Aug 2002	37	B14
6	USAP Medical and Dental Examination Forms			C23
	a) Medical and Dental Instruction Guide, Long Form	July 2008	2	
	b) "Dear Doctor" Letter	July 2009	2	
	c) NSF Form 1422 – Medical History	April 2002	8	
	d) NSF Form 1423 – Polar Physical Examination – Antarctica	April 2002	2	
	e) NSF Form 1424 – Medical Screening for Blood-borne Pathogens	April 2002	1	
	f) "Dear Dentist" Letter	May 2010	2	
	g) NSF Form 1425 – Polar Dental Examination – Antarctica	April 2002	1	
	h) NSF Form 1421 – Medical Risks for NSF-Sponsored Personnel Traveling to Antarctica	April 2002	1	
	i) Important Notice for Participants in the United States Antarctic Program	May 2000	1	
	j) Medical Examination Records for Service in the Polar Regions	July 2008	1	
	k) NSF Form 1424 – Personal Information	Feb 2005	2	
7	Avionics Operational Test Standards	1 Dec 1998	3	B5.1
8	USAP deployment requirements and Information Security Training and Acknowledgement	<i>Release 3.0 August 6, 2009</i>	1	C22.3.1
9	Computer requirements for connecting to the USAP network	<i>Version 5.0 March 4, 2009</i>	3	C22.3.2
10	Unacceptable Lap Belt Conditions and Shoulder Harness Conditions		1	B4.2.6

SECTION E – OFFEROR REPRESENTATIONS AND CERTIFICATIONS

OFFEROR’S MISCELLANEOUS INFORMATION

Offeror’s Company Name	Kenn Borek Air, Ltd.	
Offeror’s DUNS Number		
Offeror’s Complete E-mail Address	bcroker@borekair.com	
Offeror’s Office Telephone Number	403-291-3300	
Offeror’s Facsimile (FAX) Number		
Offeror Contact Representative(s)	1. Name Brian Crocker	Telephone 403-291-3300
	2. Name John Harmer	Telephone 403-291-3300

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0021	3. EFFECTIVE DATE 09/17/2014	4. REQUISITION/PURCHASE REQ. NO. 0040179760	5. PROJECT NO. (If applicable)
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 0071061255	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113	10B. DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
01 Net Increase: \$20,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B1.1.1 Aircraft Modifications, C29 Incrementally Funded

E. IMPORTANT: Contractor is not. is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ANTARCTICA and ARCTIC, 2014-2015.

Reason for Modification : Funding Only Action

Add Line item 530 to obligate additional funds for GIMBLE equipment testing as needed. These funds are in addition to line item 500, Modification 18 GIMBLE Aircraft Modification Project.

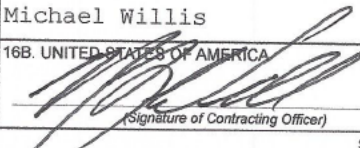
Obligated Amount for this Modification: \$20,000.00, IAA NSF-AIL-115664-003, Amend A012.

New Total Obligated Amount for the GIMBLE Project: (b) (4)

Payment Terms:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFEROR FOR YOUR RECORDS SIGNATURE & RETURN NOT REQUIRED (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/17/14

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0021

PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00530	<p>PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015</p> <p>Add Item 00530 as follows:</p> <p>(b) (4) GIMBLE Mod Add Funds Obligated Amount: \$20,000.00</p> <p>Follow on to modification 18 which added line 500 for the GIMBLE Aircraft Modification project. Additional Funds are obligated to provide required testing of installed GIMBLE equipment as needed, not to exceed amount.</p> <p>The contractor shall continue to invoice against line item 500 until zero dollars remain and then invoice against line item 530 for the GIMBLE aircraft modification project for further testing as needed.</p>				20,000.00

2. AMENDMENT/MODIFICATION NO. 0022 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 0040183983 5. PROJECT NO. (If applicable) 1 29

6. ISSUED BY CODE D41 7. ADMINISTERED BY (If other than Item 6) CODE D41
 Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706
 DOI, Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 BOREK, KENN AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH RD NE
 CALGARY AB T2E 7G5
 9A. AMENDMENT OF SOLICITATION NO. (x)
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. x D12PC00113
 10B. DATED (SEE ITEM 13) 01/05/2012
 CODE 0071061255 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.
 12. ACCOUNTING AND APPROPRIATION DATA (If required) 01 Net Increase: \$2,660,377.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
 CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
 D. OTHER (Specify type of modification and authority)
 X Unilateral IAW C29 Incrementally Funded, C30 Limitation of Government's Liability

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.
 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION IN ANTARCTICA, 2014-2015 SEASON.

The purpose of this modification is to obligate the second installment of funding for the 2014-15 Antarctica Season in accordance with C29 Incrementally Funded and C30 Limitation of Government's Obligation. This modification also revises the rates due to a change in the economic price adjustment currency rate used in Modification 19. See the attached conformed contract, A1 Schedule of Items Pricing Pages and funding pricing schedule.

Continued ...
 Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/ORDER NO. 15C. DATE SIGNED 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED
 Michael Willis
 11/07/2014
 (Signature of person authorized to sign) (Signature of Contracting Officer)

FOR YOUR RECORDS
 SIGNATURE & RETURN NOT REQUIRED

CONTINUATION SHEET

REFERENCE NO. OF [REDACTED] PART BEING CONTINUED
D12PC00113/0022

PAGE 2 OF 29

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00540	<p>Delivery: 08/30/2015 Payment Terms: PP30 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015</p> <p>Add Item 00540 as follows:</p> <p>2nd Installment of Funding, 2014-15 Antarctica Season Obligated Amount: \$2,660,377.00</p> <p>The contractor shall submit flight data into AMS on line item 10 for all Light Utility Aircraft and line item 20 for the Medium Utility Aircraft. The contractor shall submit invoices against contract line items 510 until the mission is complete or the balance is zero dollars and then line item 540 per the attached pricing schedule.</p> <p>The total obligation for this modification is \$2,660,377.00, The total obligated amount for this award is \$18,109,215.61.</p>				2,660,377.00

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SECTION A – REQUIREMENTS AND PRICING

A1 SCHEDULE OF ITEMS

SCHEDULE A – CONTRACT LINE ITEM NUMBERS (A-CLINs)

CLIN A1 – (b) (4)

DESCRIPTION

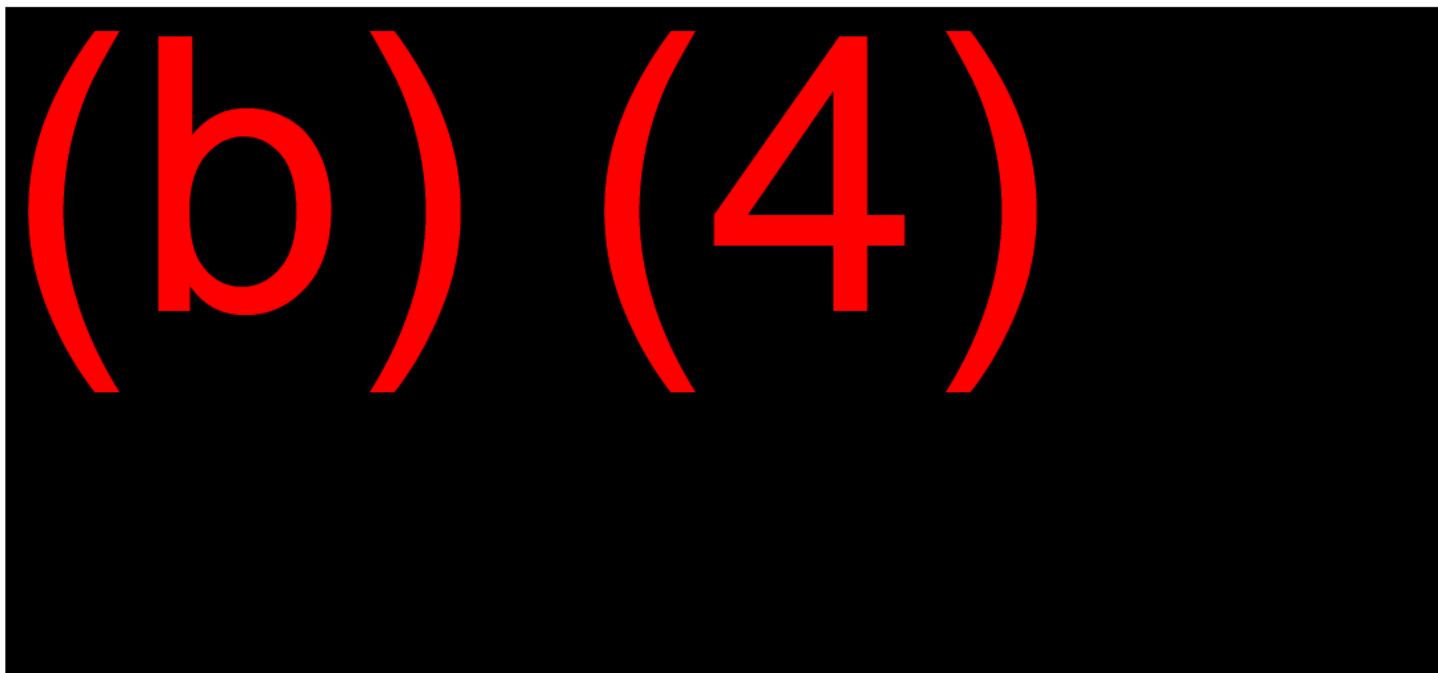
Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A1 PRICING YEAR 1

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

*Can be ordered-up in one day increments, in accordance with paragraph C27.

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.be	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

YEAR 3

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

YEAR 4

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.de	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

YEAR 5

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1 (b) (4)

YEAR 2

CLIN A2 – (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A2 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.ab	Flight Hours	FT		FLIGHT HOURS	(b)	(4)
A2.ac	Additional Days – Availability	AV		DAYS	(b)	(4)
A2.ad	Mobilization to McMurdo Station	P61		LUMP SUM	(b)	(4)
A2.ae	Demobilization from McMurdo Station	P62		LUMP SUM	(b)	(4)

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.be	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.de	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.eb	Flight Hours	FT	(b) (4)	FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A3 – (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.be	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.db	Flight Hours	FT		FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.de	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3 (b) (4)

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A4 - (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	P62		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.be	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.de	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4

(b) (4)

SECTION A – REQUIREMENTS AND FILING

CLIN A5 - (b) (4) - "ON CALL"

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	P62		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.be	Demobilization from McMurdo Station	P62		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	P62		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.de	Demobilization from McMurdo Station	P62		LUMP SUM		
OPTION YEAR 3 – ESTIMATED TOTAL 2015						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

SECTION A – REQUIREMENTS AND PLANNING

CLIN A6 - (b) (4) "ON CALL"

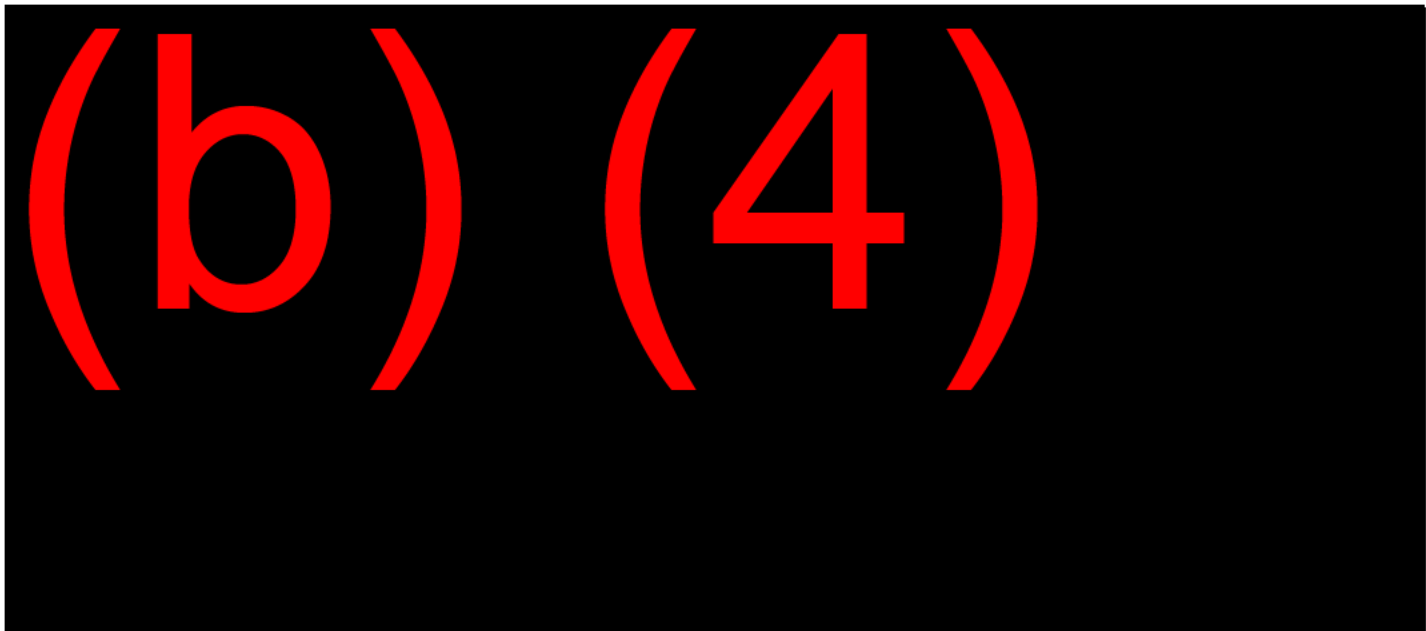
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	P62		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.be	Demobilization from McMurdo Station	P62		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	P62		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.de	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	P62		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

CLIN A7 - (b) (4) "ON CALL" – Mutual Agreement

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.af	Daily Availability (b) (4)	AV		DAYS		
A7.ag	Daily Availability (b) (4)	AV		DAYS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.be	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.bf	Daily Availability (b) (4)	AV		DAYS		
A7.bg	Daily Availability (b) (4)	AV		DAYS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability (b) (4)	AV		DAYS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

SECTION A - REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.de	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.df	Daily Availability (b) (4)	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		

OPTION YEAR 3 - ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	P61		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	P62		LUMP SUM		
A7.ef	Daily Availability (b) (4)	AV		DAYS		
A7.eg	Daily Availability	AV		DAYS		

OPTION YEAR 4 - ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at anytime during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor's home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crews PIC/SIC)

SECTION A - REQUIREMENTS AND PRICING

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A8.aa	2011 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A8.ab	2012 Additional Flight Crew	P01		DAYS		
A8.ac	2013 Additional Flight Crew	P01		DAYS		
A8.ad	2014 Additional Flight Crew	P01		DAYS		
A8.ae	2015 Additional Flight Crew	P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) - ESTIMATED TOTAL 5 YEARS

ADDITIONAL FLIGHT CREW (b) (4) AIRCRAFT (2 person crew PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A9.aa	2011 Additional Flight Crew (b) (4)	P01	(b) (4)	DAYS	(b)	(4)
A9.ab	2012 Additional Flight Crew	P01		DAYS		
A9.ac	2013 Additional Flight Crew	P01		DAYS		
A9.ad	2014 Additional Flight Crew	P01		DAYS		
A9.ae	2015 Additional Flight Crew	P01		DAYS		

ADDITIONAL FLIGHT CREWS (b) (4) - ESTIMATED TOTAL 5 YEARS

ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ab	2012 Mechanic	MC		DAYS		
A10.ac	2013 Mechanic	MC		DAYS		
A10.ad	2014 Mechanic	MC		DAYS		
A10.ae	2015 Mechanic	MC		DAYS		

MECHANICS - ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A11.aa	2011 Apprentice Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS		
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	MC		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS	(b)	(4)
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

Shop Rates for Aircraft in Maintenance - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A13.ab	2012 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A13.ac	2013 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A13.ad	2014 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A13.ae	2015 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		

SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A14.ab	2012 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ac	2013 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ad	2014 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		
A14.ae	2015 Shop Rates (b) (4)	TBD	(b) (4)	DAYS		

SHOP RATE, (b) (4) – ESTIMATED TOTAL 5 YEARS

SCHEDULE A - ARCTIC POLAR REGIONS

CLIN 15 (b) (4) - Arctic and Polar Regions

DESCRIPTION

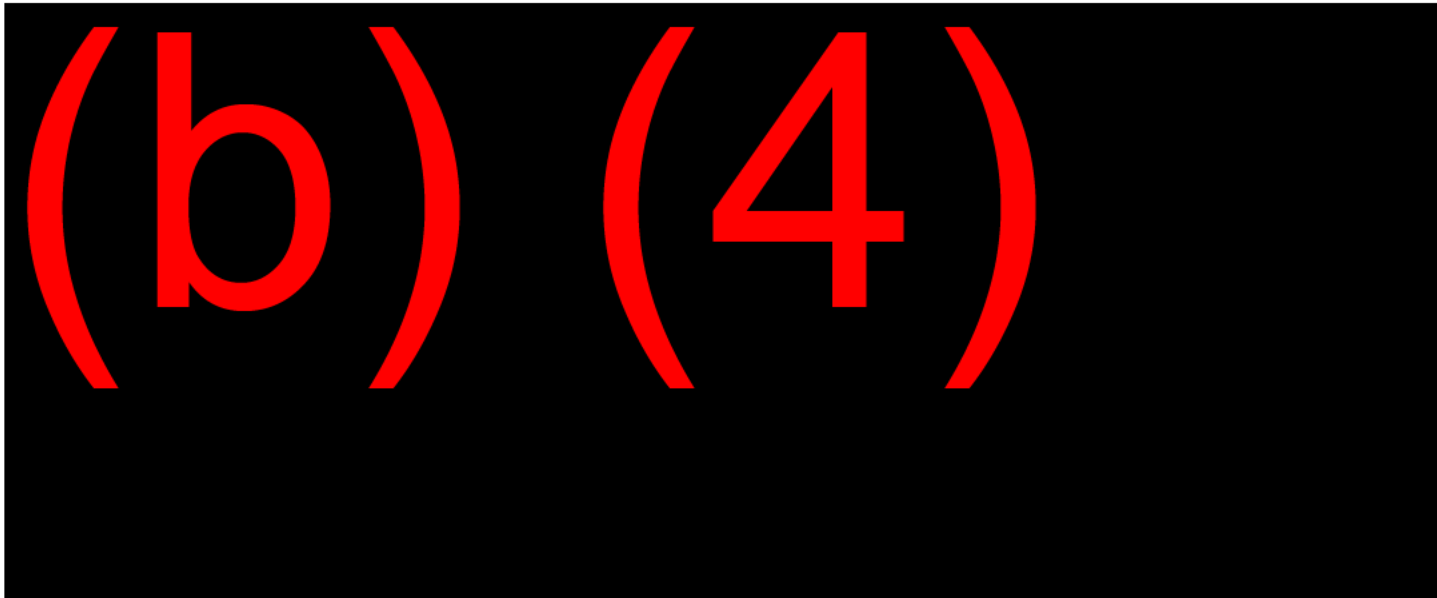
All airplanes required by this contract line item are referred to as *On Call aircraft with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



Section A--Requirements and Prices

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.ab	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.bb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.cb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.da	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.db	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ea	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.eb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 4 – ESTIMATED TOTAL 2016

						(b) (4)
TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15						

CLIN 16- (b) (4) – Arctic and Polar Regions

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

DESCRIPTION

- Designated Base: Determined by each order
- Exclusive Use Period: Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



2. AMENDMENT/MODIFICATION NO. 0023	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">9A. AMENDMENT OF SOLICITATION NO.</td> <td style="width:50%;"></td> </tr> <tr> <td>9B. DATED (SEE ITEM 11)</td> <td></td> </tr> <tr> <td>9C. DATED (SEE ITEM 11)</td> <td></td> </tr> <tr> <td>10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113</td> <td></td> </tr> <tr> <td>10B. DATED (SEE ITEM 13) 01/05/2012</td> <td></td> </tr> </table>	9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)		9C. DATED (SEE ITEM 11)		10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113		10B. DATED (SEE ITEM 13) 01/05/2012	
9A. AMENDMENT OF SOLICITATION NO.											
9B. DATED (SEE ITEM 11)											
9C. DATED (SEE ITEM 11)											
10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113											
10B. DATED (SEE ITEM 13) 01/05/2012											

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule	Net Decrease:	-\$163,912.86
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Bilateral IAW FAR 52.212-4(c) Changes

E. IMPORTANT Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION IN THE ARCTIC AND ANTARCTICA, 2014-2015 SEASONS.

The purpose of this modification is to deobligate the remaining funds on the following lines. All deliverables have been received, all invoices have been paid and the contractor hereby provides release of claims on the stated line items.

LIST OF CHANGES:
Reason for Modification : Funding Only Action
Total Amount for this Modification: -\$163,912.86
New Total Obligated Amount for this Award: (b) (4)

Continued ...
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0023

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 470 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 480 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 490 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 500 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 520 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 530 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US</p> <p>FOB: Destination Period of Performance: 09/01/2014 to 08/31/2015</p> <p>Change Item 00470 to read as follows (amount shown is the obligated amount):</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0023

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00470	<p>NSF-Fixed Wing Flt Services Arctic Region 2014</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68677000 Functional Area: DWDC A0000.IB0000 Fund: XXXD4523WD Fund Center: DS68677000 Project/WBS: DR.NONFT.12NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.</p> <p>Change Item 00480 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00480	<p>NSF-Fixed Wing Flt Services Arctic Region 2014 IT Approval Num: N</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Change Item 00490 to read as follows (amount shown is the obligated amount): Continued ...</p>				(b) (4)

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00490	<p>NSF-Fixed Wing Flt Services Arctic Region, SCARFS 2014</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF739 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values stated on the attached pricing schedule.</p> <p>Change Item 00500 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00500	<p>(b) (4) GIMBLE Mod</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) Modification, KBA shall Continued ...</p>				(b) (4)

NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>perform the GIMBLE Installation to support the NSF and the University of Texas in accordance with the attached Statement of Work, titled Aircraft Modification, (b) (4) GIMBLE Installation and Aircraft Provisions.</p> <p>All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.2 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts.</p> <p>Change Item 00520 to read as follows (amount shown is the obligated amount):</p>				
00520	<p>Aircraft Modification - NCALM Project Antarctica</p> <p>Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>(b) (4) Antarctica Mapping Project, Aircraft modification. KBA shall perform the NCALM installation in support of National Center for Airborne Laser Mapping and the NSF in accordance with the attached Statement of Work.</p> <p>All pay items identified in the SOW shall be submitted on an AMD-23 and subsequently in AMS. Items 3.1, 3.3 shall be submitted in AMS as a special charge (SC). Item 4 shall also be submitted in AMS and clearly identify hanger time, daily availability, flight time, and other allowable costs with attached receipts</p> <p>Change Item 00530 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00530	<p>(b) (4) GIMBLE Mod Add Funds</p> <p>Accounting Info: Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0023

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>Follow on to modification 18 which added line 500 for the GIMBLE Aircraft Modification project. Additional Funds are obligated to provide required testing of installed GIMBLE equipment as needed, not to exceed amount.</p> <p>The contractor shall continue to invoice against line item 500 until zero dollars remain and then invoice against line item 530 for the GIMBLE aircraft modification project for further testing as needed.</p>				

2. AMENDMENT/MODIFICATION NO. 0024	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 0040202898	5. PROJECT NO. (If applicable)
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6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BOREK, KENN AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE CALGARY AB T2E 7G5	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113 10B. DATED (SEE ITEM 13) 01/05/2012
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNT NG AND APPROPRIATION DATA (If required) 01	Net Increase:	\$412,000.00
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: C29 Incrementally-Funded Fixed Price Contract
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC REGION, 2015 SEASON.
Reason for Modification : Supplemental Agreement for work within scope

Total Amount for this Modification: \$412,000.00
New Total Obligated Amount for this Award: (b) (4)

The contractor shall provide (b) (4) and (b) (4) (b) (4) to support the National Science Foundation in the Arctic Regions in accordance with B1.1.1.2. Arctic Programs and the attached Statement of Work, Arctic Flight Services. The required services are divided into two separate projects and planned for Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>
15C. DATE SIGNED	16C. DATE SIGNED

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0024

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NAME OF OFFEROR OR CONTRACTOR
BOREK, KENN AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00550	<p>April 2015, dependent on weather and ice conditions.</p> <p>Delivery: 08/30/2015 Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Suite 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015</p> <p>Add Item 00550 as follows:</p> <p>FLIGHT SERVICES ARCTIC REGION Obligated Amount: \$412,000.00</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.</p>				412,000.00

2. AMENDMENT/MODIFICATION NO. 0025	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113 10B. DATED (SEE ITEM 13) 01/05/2012
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) 01	Net Decrease:	-\$198,372.21
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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor is not. is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC REGION, 2015 SEASON.

LIST OF CHANGES:
Reason for Modification : Funding Only Action
Total Amount for this Modification: -\$198,372.21
New Total Obligated Amount for this Award: (b) (4)

CHANGES FOR LINE ITEM NUMBER: 550
Total Amount changed
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0025

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00550	<p>from (b) (4) to (b) (4)</p> <p>Obligated Amount for this modification: -\$198,372.21</p> <p>Delivery: 08/30/2015 Payment Terms: PP30 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Suite 200 Boise ID 83706 US</p> <p>Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 09/01/2013 to 08/31/2015</p> <p>Change Item 00550 to read as follows (amount shown is the obligated amount):</p> <p>FLIGHT SERVICES ARCTIC REGION 2015 Obligated Amount: -\$198,372.21</p>				-198,372.21

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2 AMENDMENT/MODIFICATION NO 0026		3 EFFECTIVE DATE See Block 16C		4 REQUISITION/PURCHASE REQ. NO 0040227623	
5 PROJECT NO (if applicable)		6 ISSUED BY CODE D41		7 ADMINISTERED BY (if other than item 6) CODE D41	
Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706		DOY, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706			
8 NAME AND ADDRESS OF CONTRACTOR (Pub. or priv. entity, State and ZIP Code)		(X) 9A AMENDMENT OF SOLICITATION NO			
KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5		9B DATED (SEE ITEM 11)			
CODE 0071061255 FACILITY CODE		X 10A MODIFICATION OF CONTRACT ORDER NO D12PC00113			
		10B DATED (SEE ITEM 11)		01/05/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is amended. is not amended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 9 and 15 and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and the amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (if required) Net Increase: \$228,122.00
01

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR (48 CFR) 101.11
X	C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF C30 Limitation of Government's Obligation
	D OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF action headings, including solicitation/contract subject matter where feasible)

FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION, ARCTIC REGION, 2015 SEASON.

Delivery: 08/30/2015

Payment Terms:

PP30

Account Assignment: K G/L Account: 6100.252L0

Business Area: DD00 Commitment Item: 252L00 Cost

Center: DS68694300 Functional Area:

DWHAQ000.1K0000 Fund: XXXD4523WH Fund Center:

DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9 A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print) J Harmer President		16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	
15B CONTRACTOR/OFFEROR 	15C DATE SIGNED Jul 27, 2015	16B UNITED STATES OF AMERICA 	16C DATE SIGNED 7/27/2015

ISBN 7540-01-152-0070
Previous editions unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

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D12PC00113/0026

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00560	<p>Assign Line: 01 FOB: Destination Period of Performance: 07/23/2015 to 08/31/2015</p> <p>Add Item 00560 as follows:</p> <p>NSF-Fixed Wing Flight Services, Arctic Region, (SCARF's Project 2015) Obligated Amount: \$228,122.00</p> <p>The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.</p> <p>All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values. See attached Statement of Work and Cost Estimates.</p>				228,122.00

1.0 Objectives

CH2M Hill, Polar Field Services, SRI, and UMIAQ form the CPS team that provides support services for Arctic research activities that are funded by the National Science Foundation (NSF), Division of Polar Programs (PLR). The NSF is a U.S. government agency that promotes scientific research.

On behalf of the NSF, CPS will acquire fixed wing aircraft flight services from Kenn Borek Air, Ltd. (KBA), under Contract D12PC00113.

The 2015 support requirements include:

1. (b) (4) supporting the trans-Canada SCARFS project in July & August.

2.0 Scope

2.1 Small Canadian Arctic River Flows to the Freshwater Budget of the Canadian Archipelago support (SCARFS): ~31 July -> 22 August

A team of four personnel will obtain water samples from seven small rivers in the Canadian Archipelago. The team will have two small collapsible "zodiac" style boats with small boat motors and associated field/sampling gear. The intent is to fly to each site and obtain samples during the day while returning to a town each evening. The team will start the expedition in Kugluktuk and finish in Clyde River. Kenn Borek supported this project in 2014 and the research team primarily focused on river sampling from the shore. In 2015 the team will also sample in the estuaries of each river using small boats. This will require multiple visits to the same landing sites used in 2014 and increase the period of performance to approximately twenty-three days. We estimate approximately (b) (4) hours flown during the project not including ferry flights.

In 2014 Kenn Borek operated on intermediate floatation support tires during this project. We anticipate that the flight crew will work with the field team to book accommodations during the project

2.2 The COR will provide the contractor with the Office of Aircraft Services (OAS) status report template to list the work accomplished each day throughout the period of performance. The contractor shall complete and forward the report weekly to the COR. The contractor shall notify the CO or COR when 75% of the estimated total is reached for any item. The contractor shall be reimbursed for fuel, aircraft handling and parking based on actual receipts. The COR must be notified if the actual cost would exceed the authorized per diem for any location.

All Daily Availability, Flight Time and other line items are based on Government estimates to complete each project. The contractor shall be paid for actual services performed, not to exceed the estimated values.

NSF Arctic Flight Services

Date	(b) (4) Day	Activity	Notes
20-Jul		Field team arrives Kugluktuk	
21-Jul		Local meetings and preparation	
22-Jul		Sampling on Coppermine/Field tech training	
23-Jul		Estuary sampling	
24-Jul		Estuary sampling	
25-Jul		Estuary sampling	
26-Jul		Estuary sampling	
30-Jul		Mobilize (b) (4) (Inuvik > Kugluktuk); packing & shipment of samples	
31-Jul	1	Kugluktuk -> Cambridge Bay; prep. & sample Ellice River	
1-Aug	2	Cambridge Bay -> Ellice (sample) RTB & RON Cambridge Bay	estuary sampling
2-Aug	3	Cambridge Bay -> Ellice (sample) RTB & RON Cambridge Bay	estuary sampling
3-Aug	4	Cambridge Bay -> Ellice (sample) ferry to Gjoa Harbor (RON)	estuary sampling
4-Aug	5	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	river & estuary sampling
5-Aug	6	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	estuary sampling
6-Aug	7	Gjoa Harbor -> Back River (sample) RTB Gjoa Harbor RON	estuary sampling
7-Aug	8	Gjoa Harbor -> Back River (sample) ferry to Holman	estuary sampling
8-Aug	9	Holman meetings & prep; Kujjuua River sampling	river sampling
9-Aug	10	Kuujjaa River (sampling) Holman RON	estuary sampling
10-Aug	11	Kuujjaa River (sampling) Holman RON	estuary sampling
11-Aug	12	Kuujjaa River (sampling) Holman RON; town presentation?	estuary sampling
12-Aug	13	Ferry to Sachs Harbour; local meetings & prep	
13-Aug	14	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	river sampling
14-Aug	15	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
15-Aug	16	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
16-Aug	17	Sachs Harbor -> Thomsen River sample RTB Sachs Harbour RON	estuary sampling
17-Aug	18	Ferry to Resolute; prep; sample river	river sampling
18-Aug	19	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
19-Aug	20	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
20-Aug	21	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
21-Aug	22	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
22-Aug	23	Resolute -> Cunningham River (sample) RTB & RON Resolute	estuary sampling
23-Aug		A/C De-mobilizes to Iqaluit and on to Calgary; prep & meetings	
24-Aug		Team samples at Clyde River	estuary sampling
25-Aug		Team samples at Clyde River; local meetings & packing	estuary sampling
26-Aug		Team samples at Clyde River; local meetings & packing	estuary sampling
27-Aug		Packing & shipment of samples	
28-Aug		Team departs for U.S.	

Project Estimate High Arctic (SCARFS)

1.0 (b) (4) Transit	30 July, 2015	QTY	Unit Cost	Total Cost for Line
P61 - Deployment Resolute - Inuvik (815 NM)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
DA				
FT				
PD				
Fuel (SC)				
En route landing / handling fees				
Deploy Sub-Total				(b) (4)
P62 - Redeployment Clyde - Iqaluit (410 NM) OR Clyde - Resolute (530 NM) 23 August, 2015	(b) (4)	(b) (4)	(b) (4)	(b) (4)
DA				
FT				
PD				
Fuel (SC)				
En route landing / handling fees				
Redeploy Sub-Total				(b) (4)
Project Support Sub-Total				(b) (4)
Grand Total				(b) (4)

2.0 Project Support

(b) (4)	AV	Period of Performance:	31 July - 22 August, 2015
FT		Hours Estimate:	(b) (4)
PD			
Fuel (SC)			
En Route Nav and Handling (SC)			

3.0 Notes

KBAL will notify OAS daily with a work status progress schedule, OAS will provide KBAL with the OAS status report template this will list the work accomplished for each day, over the period or performance. KBAL shall track and notify OAS when 75% of funded flight hours are reached in addition to prior to any single line item cost overrun. OAS will reimburse KBAL for all transit fuel based on actual receipts. Per Diem paid by actual location. If actual costs exceed authorized amount for location, itemized receipts must be provided. Per Diem Reference <http://www.defensetravel.dod.mil/site/perdiemCalc.cfm> All landing counts, sea ice landing assumptions based upon compliance with CARs and existing contract crew day/ crew rest limitation. All DA and FT are based on estimates. KBAL will be paid for actual, NTE values.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
7 AMENDMENT/MODIFICATION NO 0027	3 EFFECTIVE DATE See Block 16C	4 REQUISITION/PURCHASE REQ NO 0040231827	5 PROJECT NO. (if applicable)
6 ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7 ADMINISTERED BY (if other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41
8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5		(X) 9A AMENDMENT OF SOLICITATION NO	
CODE 0071061255 FACILITY CODE		9B DATED (SEE ITEM 11)	
		(X) 10A MODIFICATION OF CONTRACT/ORDER NO D12PC00113	
		10B DATED (SEE ITEM 12) 01/05/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 9 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
D1 Net Increase: \$3,380.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.103(h).
X	C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF C30 Limitation of Government's Obligation
	D OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION.

Reason for Modification : Supplemental Agreement for work within scope
Total Amount for this Modification: \$3,380.00
New Total Obligated Amount for this Award:

(b) (4)

The contractor shall provide a review and upgrade to the engineering approvals for equipment
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A as herebefore changed, remains unchanged and in full force and effect

13A. NAME AND TITLE OF SIGNER (Type or print) <i>J. H. ...</i>	13B. DATE SIGNED Jul 28 2015	18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	18B. UNITED STATES OF AMERICA MICHAEL WILLIS 1405 HALLS, Government, Department of the Interior, Interior Business Center, 4000 HALLS, 4000 20150810 105511 4000
15B. CONTRACTOR/OFFICER <i>[Signature]</i>	16C. DATE SIGNED	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis	16B. UNITED STATES OF AMERICA MICHAEL WILLIS 1405 HALLS, Government, Department of the Interior, Interior Business Center, 4000 HALLS, 4000 20150810 105511 4000

CONTINUATION SHEET

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00570	<p>installed on the (b) (4) and (b) (4) aircraft used in support of the NASA-LDB Survey in Antarctica per the attached SOW, dated 10 July 2015.</p> <p>Delivery: 08/30/2015 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.14NSF664 PR Acct Assign Line: 01 FOB: Destination Period of Performance: 07/23/2015 to 08/31/2015</p> <p>Add Item 00570 as follows:</p> <p>ENGINEERING APPROVALS FOR NASA/LDB SUREVY Obligated Amount: \$3,380.00</p> <p>See attached Statement of Work, Engineering Approvals for LDB Survey in (b) (4) and (b) (4) Aircraft.</p>				3,380.00

2. AMENDMENT/MODIFICATION NO. 0028	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113
CODE 0071061255	FACILITY CODE	10B. DATED (SEE ITEM 13) 01/05/2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) C25 Option to Extend, C29 Incremental Funded, C30 Limitation of Government's Obligation

E. IMPORTANT Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION. ANTARCTICA AND ARCTIC, 2015-2016
 The purpose of this modification is as follows:
 A. This modification exercises the option to extend the term of the contract, Option Year 4, Contract Year 5 in accordance with C25, 9/1/2015 to 8/31/2016.
 B. The rates are hereby changed in accordance with C31.2 Economic Price Adjustment. See the attached schedule of items.
 The first installment of funding for Contract Year 5, Option 4, 2015 to 2016 in accordance
 Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
(Signature of person authorized to sign)	(Signature of Contracting Officer)

For only

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REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>with C29 Incrementally Funded Fixed Price Contract will be obligated prior to October 15, 2015.</p> <p>Payment Terms: PP30 Period of Performance: 09/01/2015 to 08/31/2016</p>				

For Only

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For Only

SECTION A – REQUIREMENTS AND PRICING

A1 SCHEDULE OF ITEMS

SCHEDULE A – CONTRACT LINE ITEM NUMBERS (A-CLINs)

CLIN A1 – (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year beginning on or about 15 Oct each year and ending on or about February 15 the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A1 PRICING YEAR 1

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.ab	Flight Hours	FT		FLIGHT HOURS		
A1.ac	Additional Days – Availability	AV		DAYS		
A1.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

*Can be ordered-up in one day increments, in accordance with paragraph C27.

Contract D12PC00113 Rate Adjustment 2015
NSF – Fixed Wing

For Only

SECTION A – REQUIREMENTS AND PRICING

YEAR 2

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.bb	Flight Hours	FT		FLIGHT HOURS		
A1.bc	Additional Days – Availability	AV		DAYS		
A1.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

YEAR 3

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.cb	Flight Hours	FT		FLIGHT HOURS		
A1.cc	Additional Days – Availability	AV		DAYS		
A1.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

YEAR 4

CLINA	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.db	Flight Hours	FT		FLIGHT HOURS		
A1.dc	Additional Days – Availability	AV		DAYS		
A1.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

YEAR 5

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A1.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A1.eb	Flight Hours	FT		FLIGHT HOURS		
A1.ec	Additional Days – Availability	AV		DAYS		
A1.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A1.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A1

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A2 – (b) (4)

DESCRIPTION

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



CLIN A2 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(4)
A2.ab	Flight Hours	FT		FLIGHT HOURS		
A2.ac	Additional Days – Availability	AV		DAYS		
A2.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.bb	Flight Hours	FT		FLIGHT HOURS		
A2.bc	Additional Days – Availability	AV		DAYS		
A2.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.cb	Flight Hours	FT		FLIGHT HOURS		
A2.cc	Additional Days – Availability	AV		DAYS		
A2.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.db	Flight Hours	FT		FLIGHT HOURS		
A2.dc	Additional Days – Availability	AV		DAYS		
A2.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A2.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A2.eb	Flight Hours	FT		FLIGHT HOURS		
A2.ec	Additional Days – Availability	AV		DAYS		
A2.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A2.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A2

SECTION A – REQUIREMENTS AND PRICING

CLIN A3 – (b) (4)

DESCRIPTION

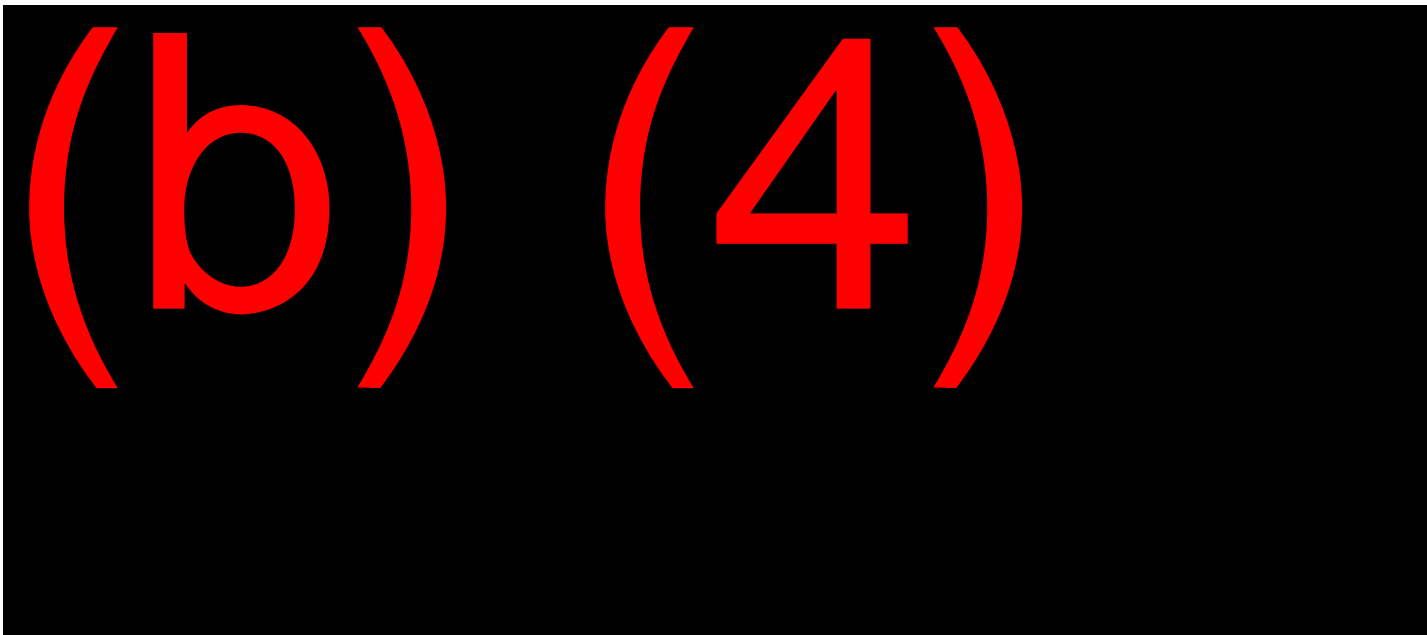
Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year. Additional Days can be ordered-up in one-day increments.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One Mechanic.

Minimum Aircraft Requirements



CLIN A3 PRICING (b) (4)

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.ab	Flight Hours	FT		FLIGHT HOURS		
A3.ac	Additional Days – Availability	AV		DAYS		
A3.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

For Only

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.bb	Flight Hours	FT		FLIGHT HOURS		
A3.bc	Additional Days - Availability	AV		DAYS		
A3.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION *2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.cb	Flight Hours	FT		FLIGHT HOURS		
A3.cc	Additional Days - Availability	AV		DAYS		
A3.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.db	Flight Hours	FT		FLIGHT HOURS		
A3.dc	Additional Days - Availability	AV		DAYS		
A3.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A3.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A3.eb	Flight Hours	FT		FLIGHT HOURS		
A3.ec	Additional Days - Availability	AV		DAYS		
A3.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A3.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A3 (b) (4)

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A4 - (b) (4)

DESCRIPTION

Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica

Exclusive Use Period: (b) (4) Aircraft will be ordered each year between the dates of 15 Oct and 15 Feb the following year.

Aircraft Requirement: (b) (4) equipped as specified in Section B.

Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements

(b) (4)

CLIN A4 PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.ab	Flight Hours	FT		FLIGHT HOURS		
A4.ac	Additional Days - Availability	AV		DAYS		
A4.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ae	Demobilization from McMurdo Station	SC		LUMP SUM		

BASE YEAR – ESTIMATED TOTAL 2012

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.bb	Flight Hours	FT		FLIGHT HOURS		
A4.bc	Additional Days - Availability	AV		DAYS		
A4.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.be	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.cb	Flight Hours	FT		FLIGHT HOURS		
A4.cc	Additional Days - Availability	AV		DAYS		
A4.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ce	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.db	Flight Hours	FT		FLIGHT HOURS		
A4.dc	Additional Days - Availability	AV		DAYS		
A4.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A4.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A4.eb	Flight Hours	FT		FLIGHT HOURS		
A4.ec	Additional Days - Availability	AV		DAYS		
A4.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A4.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A4

(b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN A5 - (b) (4) - “ON CALL”

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.ab	Flight Hours	FT		FLIGHT HOURS		
A5.ac	Additional Days - Availability	AV		DAYS		
A5.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.bb	Flight Hours	FT		FLIGHT HOURS		
A5.bc	Additional Days - Availability	AV		DAYS		
A5.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.cb	Flight Hours	FT		FLIGHT HOURS		
A5.cc	Additional Days - Availability	AV		DAYS		
A5.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.db	Flight Hours	FT		FLIGHT HOURS		
A5.dc	Additional Days - Availability	AV		DAYS		
A5.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.de	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 3 – ESTIMATED TOTAL 2015						

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A5.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A5.eb	Flight Hours	FT		FLIGHT HOURS		
A5.ec	Additional Days - Availability	AV		DAYS		
A5.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A5.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C5

SECTION A – REQUIREMENTS AND PRICING

CLIN A6 - (b) (4) - “ON CALL”

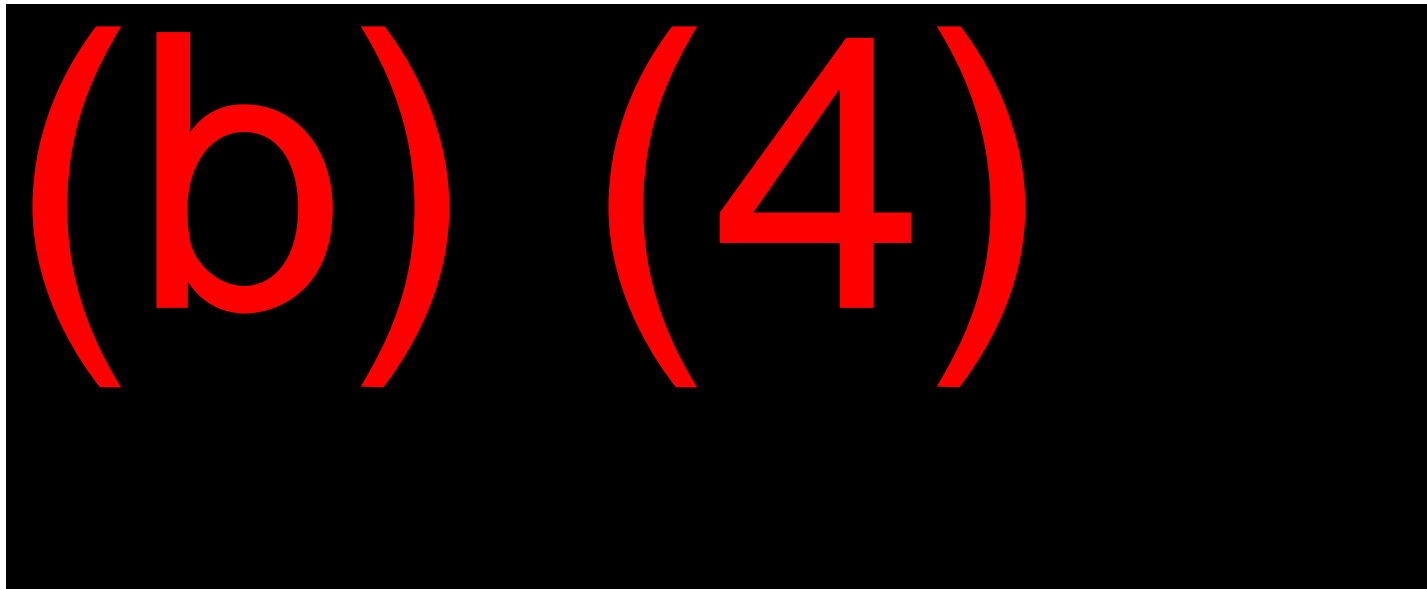
DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft for all years. For the years the aircraft is considered to be On Call, the Contractor must accept orders for service when orders have been issued at least forty-five (45) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government, and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may be released subject to the terms and conditions set forth herein.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned-commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

- Designated Base: All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
- Exclusive Use Period: (b) (4) Aircraft may be ordered each year between the dates of 15 Oct and 15 Feb the following year.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.ab	Flight Hours	FT		FLIGHT HOURS		
A6.ac	Additional Days - Availability	AV		DAYS		
A6.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
BASE YEAR – ESTIMATED TOTAL 2012						

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.bb	Flight Hours	FT		FLIGHT HOURS		
A6.bc	Additional Days - Availability	AV		DAYS		
A6.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.be	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 1 – ESTIMATED TOTAL 2013						

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.cb	Flight Hours	FT		FLIGHT HOURS		
A6.cc	Additional Days - Availability	AV		DAYS		
A6.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
OPTION YEAR 2 – ESTIMATED TOTAL 2014						

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.db	Flight Hours	FT		FLIGHT HOURS		
A6.dc	Additional Days - Availability	AV		DAYS		
A6.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.de	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 3 – ESTIMATED TOTAL 2015 (b) (4)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A6.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A6.eb	Flight Hours	FT		FLIGHT HOURS		
A6.ec	Additional Days - Availability	AV		DAYS		
A6.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A6.ee	Demobilization from McMurdo Station	SC		LUMP SUM		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN C6

SECTION A – REQUIREMENTS AND PRICING

CLIN A7 - (b) (4) “ON CALL” – Mutual Agreement

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft. The Contractor may accept orders for service when orders have been issued for services. Acceptance of orders placed shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein. The Government and Contractor agree that (b) (4) being used under other contracts in the Antarctic may be utilized as available under this contract and the rates for aircraft ordered under these situations shall be negotiated at the time of order.

Changes in deployment schedules occurring within seven (7) calendar days prior to departure, which will require an earlier-than-planned commencement, shall be subject to the concurrence of the Contractor. If extension of an order beyond its planned completion (release) date is requested by the Government less than seven (7) days prior to the previously-scheduled date, the extension will be subject to the concurrence of the Contractor.

Designated Base:	All equipment, facilities, and personnel required under this contract shall be delivered to and removed from McMurdo Station, Antarctica
Exclusive Use Period:	(b) (4) beginning on or about 15 October each year and ending on or about 12 Feb the following year.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2011-2012 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.aa	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.ab	Flight Hours	FT		FLIGHT HOURS		
A7.ac	Additional Days - Availability	AV		DAYS		
A7.ad	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ae	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.af	Daily Availability (b) (4)	AV		DAYS		
A7.ag	Daily Availability	AV		DAYS		

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION 2012-2013 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ba	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.bb	Flight Hours	FT		FLIGHT HOURS		
A7.bc	Additional Days - Availability	AV		DAYS		
A7.bd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.be	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.bf	Daily Availability (b) (4)	AV		DAYS		
A7.bg	Daily Availability	AV		DAYS		

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION 2013-2014 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ca	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.cb	Flight Hours	FT		FLIGHT HOURS		
A7.cc	Additional Days - Availability	AV		DAYS		
A7.cd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ce	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.cf	Daily Availability (b) (4)	AV		DAYS		
A7.cg	Daily Availability	AV		DAYS		

OPTION YEAR 2 – ESTIMATED TOTAL 2014

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION 2014-2015 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.da	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.db	Flight Hours	FT		FLIGHT HOURS		
A7.dc	Additional Days - Availability	AV		DAYS		
A7.dd	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.de	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.df	Daily Availability (b) (4)	AV		DAYS		
A7.dg	Daily Availability	AV		DAYS		

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A7.ea	Daily Availability	AV	(b) (4)	DAYS	(b)	(4)
A7.eb	Flight Hours	FT		FLIGHT HOURS		
A7.ec	Additional Days - Availability	AV		DAYS		
A7.ed	Mobilization to McMurdo Station	SC		LUMP SUM		
A7.ee	Demobilization from McMurdo Station	SC		LUMP SUM		
A7.ef	Daily Availability (b) (4)	AV		DAYS		
A7.eg	Daily Availability	AV		DAYS		

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN A7

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - CONTRACT LINE ITEM NUMBERS (CLINs 8-15)

Additional Personnel – Fixed rate for additional personnel. The Government may require the Contractor to deploy cargo handlers, flight crews, mechanics, and apprentice mechanics to supplement operational capabilities, or some other purpose. The Contracting Officer may order additional work in a minimum quantity of one (1) individual for one (1) day at anytime during the term of this contract by giving written notice to the contractor at least ten (10) days prior to the date the additional work is required. The Contracting Officer may make multiple orders. The Government will provide air transportation between the Contractor’s home base or other location, and Antarctica. The Government will reimburse the Contractor at cost for lodging and per diem expenses while in transit. This shall be a unilateral action on the part of the Government.

ADDITIONAL FLIGHT CREW (b) (4) (2 person crews PIC/SIC)

SECTION A – REQUIREMENTS AND PRICING

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A8.aa	2011 Additional Crew Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ab	2012 Additional Crew Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ac	2013 Additional Crew Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ad	2014 Additional Crew Flight	P01	(b) (4)	DAYS	(b)	(4)
A8.ae	2015 Additional Crew Flight	P01	(b) (4)	DAYS	(b)	(4)

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL FLIGHT CREW (b) (4) (2 person crew PIC/SIC)

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A9.aa	2011 Additional Flight Crew	P01	(b) (4)	DAYS	(b)	(4)
A9.ab	2012 Additional Flight Crew	P01	(b) (4)	DAYS	(b)	(4)
A9.ac	2013 Additional Flight Crew	P01	(b) (4)	DAYS	(b)	(4)
A9.ad	2014 Additional Flight Crew	P01	(b) (4)	DAYS	(b)	(4)
A9.ae	2015 Additional Flight Crew	P01	(b) (4)	DAYS	(b)	(4)

ADDITIONAL FLIGHT CREWS (b) (4) – ESTIMATED TOTAL 5 YEARS

ADDITIONAL MECHANIC

CLIN	DESCRIPTION (9/01-8/31)	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A10.aa	2011 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ab	2012 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ac	2013 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ad	2014 Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A10.ae	2015 Mechanic	MC	(b) (4)	DAYS	(b)	(4)

MECHANICS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

APPRENTICE MECHANIC

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A11.aa	2011 Apprentice Mechanic	MC	(b) (4)	DAYS	(b)	(4)
A11.ab	2012 Apprentice Mechanic	MC		DAYS		
A11.ac	2013 Apprentice Mechanic	MC		DAYS		
A11.ad	2014 Apprentice Mechanic	MC		DAYS		
A11.ae	2015 Apprentice Mechanic	MC		DAYS		

APPRENTICE MECHANICS – ESTIMATED TOTAL 5 YEARS

CARGO HANDLER

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A12.aa	2011 Cargo Handler	P50	(b) (4)	DAYS	(b)	(4)
A12.ab	2012 Cargo Handler	P50		DAYS		
A12.ac	2013 Cargo Handler	P50		DAYS		
A12.ad	2014 Cargo Handler	P50		DAYS		
A12.ae	2015 Cargo Handler	P50		DAYS		

CARGO HANDLERS – ESTIMATED TOTAL 5 YEARS

SECTION A – REQUIREMENTS AND PRICING

Shop Rates for Aircraft in Maintenance - The following rates shall be used for shop time when the Government requires modifications to the airframe and the contractor is required to ground the aircraft from flight to work on the modification to the aircraft. These rates will be used for all quotes for work to be completed on the aircraft during the performance of the contract.

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A13.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A13.ab	2012 Shop Rates	TBD	(b) (4)	DAYS		
A13.ac	2013 Shop Rates	TBD		DAYS		
A13.ad	2014 Shop Rates	TBD		DAYS		
A13.ae	2015 Shop Rates	TBD		DAYS		
SHOP RATE, (b) (4)					- ESTIMATED TOTAL 5 YEARS	

SHOP RATE FOR (b) (4)

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A14.aa	2011 Shop Rates (b) (4)	TBD	(b) (4)	DAYS	(b)	(4)
A14.ab	2012 Shop Rates	TBD	(b) (4)	DAYS		
A14.ac	2013 Shop Rates	TBD		DAYS		
A14.ad	2014 Shop Rates	TBD		DAYS		
A14.ae	2015 Shop Rates	TBD		DAYS		
SHOP RATE, (b) (4)					- ESTIMATED TOTAL 5 YEARS	

SECTION A – REQUIREMENTS AND PRICING

SCHEDULE A - ARCTIC POLAR REGIONS

CLIN 15- (b) (4) – Arctic and Polar Regions

DESCRIPTION

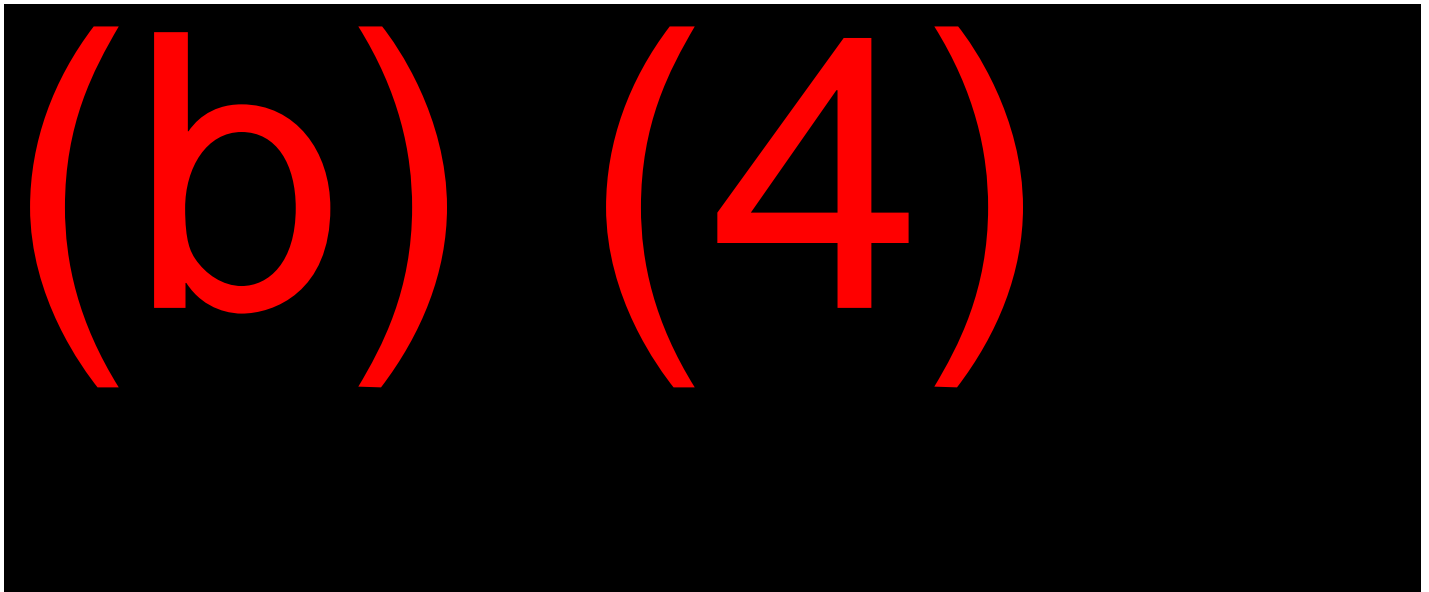
All airplanes required by this contract line item are referred to as *On Call* aircraft *with no guaranteed use*. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor's home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor's responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor's home base are the Contractor's responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor's home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

Designated Base:	Determined by each order
Exclusive Use Period:	Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
Aircraft Requirement:	(b) (4) equipped as specified in Section B.
Crew Requirements:	One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



Section A--Requirements and Prices

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.aa	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.ab	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

BASE YEAR – ESTIMATED TOTAL 2012

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.bb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 1 – ESTIMATED TOTAL 2013

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.cb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.da	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.db	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
15.ea	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
15.eb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR FIVE (5) YEARS CLIN 15

Section A--Requirements and Prices

CLIN 16- (b) (4) – Arctic and Polar Regions

DESCRIPTION

All airplanes required by this contract line item are referred to as *On Call* aircraft **with no guaranteed use**. The Contractor must accept orders for service when orders have been issued at least seven (7) calendar days prior to the time services are required. Acceptance of orders placed less than the specified time in advance shall be at the discretion of the Contractor. However, upon acceptance of an order, the Contractor shall be required to perform all services as directed by the Government in accordance with the terms and conditions of this contract. Once an order has been accepted, the aircraft shall be for the EXCLUSIVE USE AND CONTROL of the Government and shall continue in that status until released back to the ON CALL status. During the period that these aircraft are under EXCLUSIVE USE AND CONTROL, they may also be released subject to the terms and conditions set forth herein.

For work performed in the Arctic, the delivery point will be specified on each order and is generally anticipated to be the Contractor’s home base. All costs necessary to move the items to the delivery point, and prepare them for shipment are the Contractor’s responsibility. The Contractor is responsible for redeploying all aircraft and other items required for contract performance to its home base or other location. Costs necessary to prepare the items for shipment, and return them to the Contractor’s home base are the Contractor’s responsibility. For work performed in the Arctic, aircraft will be released from service at the location specified on each order, generally expected to be the Contractor’s home base. The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

Days of unavailability will be counted towards the guaranteed days of availability under this CLIN. In addition, failure of the Contractor to provide an aircraft under this CLIN for the Arctic work when ordered in accordance with the above timelines, will result in loss of guaranteed availability for the period of work that was ordered.

DESCRIPTION

- Designated Base: Determined by each order
- Exclusive Use Period: Off season of Antarctic Aircraft. The Contractor may use Antarctic aircraft to support this Item.
- Aircraft Requirement: (b) (4) equipped as specified in Section B.
- Crew Requirements: One (1) Pilot-in-Command (PIC), One (1) Second-in-Command (SIC), and One (1) Mechanic.

Minimum Aircraft Requirements



Section A--Requirements and Prices

CLIN A16 PRICING

CLIN	DESCRIPTION 2013-2014 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ba	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.bb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 2 – ESTIMATED TOTAL 2014

CLIN	DESCRIPTION 2014-2015 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.ca	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.cb	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 3 – ESTIMATED TOTAL 2015

CLIN	DESCRIPTION 2015-2016 Arctic Field Season	PAY ITEM CODE	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
A16.da	Daily Availability	AV	(b) (4)	DAYS	(b) (4)	(b) (4)
A16.db	Flight Hours	FT	(b) (4)	FLIGHT HOURS	(b) (4)	(b) (4)

OPTION YEAR 4 – ESTIMATED TOTAL 2016

TOTAL ESTIMATED PRICE FOR THREE (3) YEARS CLIN A16 (b) (4)

TOTAL ESTIMATED VALUE OF THE CLINS A1-16 (b) (4)

Section A--Requirements and Prices

A2 CONTRACTOR'S OPERATING BASES / DELIVERY POINTS

All aircraft required for CLINs 1-7 shall be delivered to the Government in accordance with the provisions in Section B of this contract. The delivery point and release point shall be McMurdo Station, Antarctica, unless otherwise specified by the Contracting Officer.

Replacement parts, materials and other consumables destined for McMurdo Station and other locations in Antarctica, not carried onboard the Contractor's aircraft, will be transported by the Government via the USAP's logistics system from Point Hueneme, CA. All costs necessary to prepare and move these items to Point Hueneme are the Contractor's responsibility. The Government will transport items not carried on-board the Contractor's aircraft that are redeployed from Antarctica to the Contractor home base via the USAP's logistics system to Point Hueneme. All costs necessary to prepare and move these items from Point Hueneme are the Contractor's responsibility. Transportation will be provided by either air or surface vessel.

SECTION B - TECHNICAL SPECIFICATIONS

B1 GENERAL REQUIREMENTS

B1.1 Scope of Contract

B1.1.1 Intent

The intent of this contract is to obtain flight services utilizing fully-functional aircraft equipped to meet specifications, operated and maintained by qualified personnel, for the National Science Foundation (NSF) in support of the research activities of the United States Antarctic Program (USAP), and NSF's Arctic Program. The primary role for the aircraft in both theaters of operation will be for utility transportation services, ferrying personnel and materials to remote, often unprepared, field locations. Periodically, at least one of the aircraft will be configured with a downward-looking port, wing hard-points and in-wing cable raceways to allow the aircraft to be used for remote sensing activities to include aerogeophysical surveys, aerial photography, light detection and ranging (LIDAR) and remote digital mapping, and the operation of ice-penetrating radar systems. The Contractor will be required to modify contract aircraft to meet the needs of the program. Modifications will be requested at various levels from simple modifications to major modifications.

B1.1.1.1 United States Antarctic Program

NSF is the executive agency for the USAP. The USAP is this nation's national program of scientific research in Antarctica, and includes the activities of NSF and other U.S. Government agencies, including NASA and NOAA. As the executive agent for the USAP, NSF also has cooperative agreements with other foreign nations and will dispatch aircraft under this contract for cooperative use. The type of services required to be performed include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and Search and Rescue (SAR), as directed by the NSF.

B1.1.1.2 National Science Foundation's Arctic Program

NSF is one of many U.S. Government agencies conducting scientific research in the Arctic regions. NSF-sponsored researchers have conducted research activities in Alaska, Canada, Greenland, Russia, and within Scandinavia, often in cooperation with institutions and researchers located in the aforementioned countries and regions. The types of services required include, but are not limited to, transportation of personnel and cargo in support of the scientific projects, related administrative and infrastructural activities, and search and rescue (SAR), as directed by the NSF. The Interagency Arctic Research Policy Committee, which NSF chairs, coordinates U.S. Government Arctic research activities. To fulfill agency obligations to provide logistic and operational support to projects sponsored by the US Government, foreign governments, and other parties, NSF may dispatch aircraft under this contract for cooperative use.

B1.1.2 Antarctic Aircraft Deployment

Deployment to and from Antarctica shall be conducted on an annual basis. Aircraft are flown from the Contractor's home base or other locations, through South America, and delivered to McMurdo Station, Antarctica. Aircraft redeploy from McMurdo Station, Antarctica during the first or second week of February at the end of the austral summer season.

During mobilization to McMurdo Station, the aircraft normally fly to Rothera Research Station (located at Rothera Point on Adelaide Island [67°34'S, 68°08'W]), a permanent station operated by the British Antarctic Survey (BAS) under the auspices of the United Kingdom.

Rothera Station is the BAS logistics center for the Antarctic Peninsula. The station is situated on a rock and raised beach promontory at the southern extremity of Wormald Ice Piedmont, southeastern Adelaide Island. The station has a 900-meter crushed rock runway, an associated hangar and bulk fuel storage facility, and a wharf for the discharge of cargo from supply ships. There is a transitory summer population of scientists and support staff who reach Rothera either by ship or through use of an intercontinental Dash-7 aircraft flying from the Falkland Islands. Fuel, lodging, flight-following and other in-transit support is provided by BAS through an agreement with NSF at no cost to the Contractor.

From Rothera Station, the aircraft fly directly to McMurdo Station at Ross Island, Antarctica. A refueling stop is normally provided in West Antarctica (at field camp(s)), or the USAP's South Pole Station, from which the aircraft can refuel either from bulk storage containers or drums. Aircraft redeployment is accomplished in reverse order.

SECTION B - TECHNICAL SPECIFICATIONS

All coordination (including country clearances and fuel) for deployment to and redeployment from McMurdo Station, Antarctica, is the responsibility of the contractor. Contractor must submit Deployment and ReDeployment Schedules for each season (including anticipated dates of flights in and out of Rothera) to NSF **no later than September 1** each year. Upon request, the NSF will assist with international support coordination of redeployment and deployment through the continent of Antarctica.

B1.1.3 Support Sites

B1.1.3.1 Antarctic Sites

Typically, research project personnel camp at or close to their work sites. The required aircraft support for these “camp” projects will involve establishment of a campsite from McMurdo, may involve several camp moves over a period of weeks or months, full or half days of close support, moving rapidly between ground sampling sites, resupply from McMurdo and the de-establishment of the campsite. Some large projects will split their activities between the field locations and McMurdo, where there is a fully-capable scientific laboratory (Crary Lab). These camp projects will require frequent, dependable shuttles of personnel, camp supplies, and research samples between the field and the laboratory or inland stations.

The majority of the work in the field is in the following Antarctic locations: Trans-Antarctic Mountains, Western Antarctica Ice Sheet (WAIS) and glaciers, South Pole Station, the Antarctic Eastern Plateau and various deep field camps. Therefore, it is anticipated that frequently the aircraft and crew will stay overnight at locations other than McMurdo to minimize travel time to and from the work sites. Accommodation at these sites will vary between small tents to semi-permanent structures. Cook and galley facilities may be available. The contractor may have to be self-sufficient at some field locations, i.e., “camping” in austere conditions should be anticipated. Occasionally, high altitude sites must be accessed; some of these sites can experience effective pressure altitudes exceeding 14,000 feet EPA. Hence, contractor should be prepared to acclimatize for several days at lesser EPA camps/stations before proceeding to the higher EPA sites.

The terrain will vary from Ross Island (where McMurdo Station is located), which is dominated by the active 13,000-foot volcano, Mount Erebus, to fast-moving sea-ice in McMurdo Sound, to mountainous terrain of the mostly-glaciated Trans-Antarctic Mountains, the relatively-featureless Ross Ice Shelf to the southeast, and to the Polar Ice Cap, where landing elevations can reach over 11,000 feet MSL and 14,000 feet EPA (e.g., Vostok Station).

B1.1.3.2 Arctic Sites

Each year the Office of Polar Programs (OPP) supports approximately 150 projects throughout the Arctic. About half the projects are in Alaska, but the remainder is spread throughout the Arctic, including the Arctic Ocean. Light Utility aircraft are used occasionally in Alaska, but more often in Nunavut, Canada, with springtime operations in the Arctic Ocean and in Greenland. The most concentrated effort, normally supported by Light Utility aircraft, is in support of ocean sampling sites in a broad region between the Canadian Forces Station Alert and the North Pole. This work occurs for several weeks between March and May of each year and involves transport of science teams and their equipment between sea-ice field sites. In Greenland, the work occurs throughout the year but mostly between May and August, and involves ferrying field teams to and around the Greenland Ice Cap.

B1.1.4 Aircraft Scheduling

B1.1.4.1 Antarctica

Aircraft scheduling will occur in McMurdo Station on a weekly and daily basis. The NSF’s Prime Logistics Contractor coordinates the various research parties’ requirements and writes the aircrafts’ daily schedules. Unless otherwise directed by the Government, the Contractor shall execute the schedules provided by the Prime Contractor. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the NSF Representative (“NSF Rep”) in McMurdo Station for resolution.

B1.1.4.2 Arctic Polar Regions

Aircraft may be scheduled in locally, from an off-site location, or as otherwise directed by NSF on a weekly and daily basis. The NSF has contracted with an Arctic Prime Logistics Contractor, to coordinate the various parties’ requirements and prepare aircraft schedules. Services ordered under this contract must be ordered via Task Order to this contract. Services

SECTION B - TECHNICAL SPECIFICATIONS

ordered directly by the Arctic Prime Logistics Contractor are not ordered under and will not be paid through this contract. However, should an order be placed under this contract to support Arctic operations, the Arctic Prime Logistics Contractor may be involved with the coordination and scheduling of aircraft operations. Should there be any disagreement regarding the schedules provided, the matter shall be referred to the appropriate Government personnel for resolution.

B1.1.5 Cargo Preparation

B1.1.5.1 Antarctica

The NSF has contracted with its Prime Logistics Contractor to prepare large and/or heavy cargo for transport on the contract aircraft. However, the fixed-wing aviation contractor is expected to load light cargo. In some cases, no trained personnel will be available at remote locations to prepare cargo. In these instances, the aviation contractor will provide direction to personnel at that location, who will prepare the cargo accordingly.

B1.1.5.2 Arctic Polar Regions

The Contractor will provide direction to personnel on location who will prepare the cargo accordingly.

B1.2 Certification

B1.2.1 Responsibility of the Contractor

The Contractor is responsible for and shall comply with all laws and regulations, and otherwise have or obtain all needed licenses, permits, and certifications, including, but not limited to, those necessary for the carriage of persons or property for hire within the United States, Canada, and Greenland. Likewise, the Contractor is also responsible for obtaining all country clearances necessary to deploy its airplanes to Antarctica.

B1.2.2 Minimum Certification Requirement

The Contractor must maintain certification for the carriage of persons and property for hire by the United States or other foreign country for the duration of this contract. For the purpose of describing certification under this contract, the United States Department of Transportation, Federal Aviation Administration (FAA), and its 14 CFR regulations shall be used as a baseline for all determinations. In the event that the contractor is certified by another country's commercial aviation regulations, the contractor shall prove to the Contracting Officer's (CO's) satisfaction that the intent of the Federal Aviation Regulations has been met. (For the purpose of this section only, the acronym "FAR" means Federal Aviation Regulation -- 14 CFR. All other references to "FAR" shall mean Federal Acquisition Regulation -- 48 CFR Chapter 1). Where a higher standard exists in the contractor's country's aviation regulations or is required by certification by that country, the Contractor shall comply with the higher standard unless authorized in writing by the CO.

NOTE

All references to 14 CFR or to the Federal Aviation Administration (FAA) shall be construed to mean: "or foreign equivalency. "

B1.2.3 Operating Certificate(s)

The Contractor shall hold a current FAA Air Carrier Certificate. Furthermore, the Contractor's Operations Specifications shall authorize operation of the category and class of aircraft, the number of passengers or carriage of cargo offered, and conditions of flight required under this contract, which include conduct of flight operations under both visual flight rules (day and night) and instrument flight rules.

B1.2.4 Aircraft

Aircraft used on this contract will be operated and maintained under the provisions of 14 CFR Part 135 or 121 as appropriate. These aircraft shall be identified as required by 14 CFR Part 121.135(7) or Part 135.63 or Operations Specifications Part D, "Aircraft Listing," as appropriate. The aircraft offered for this contract shall have a Standard Airworthiness Certificate.

NOTE

The installation of any equipment required by this contract must be FAA approved.

SECTION B - TECHNICAL SPECIFICATIONS

B1.2.5 Passenger Carriage

Aircraft shall be fully equipped to carry the number of passengers offered in accordance with the standards of 14 CFR Part 121 or 135, as appropriate.

B2 OPERATIONS

B2.1 Flight Operations

Notwithstanding any public aircraft status, the Contractor shall operate in accordance with their approved FAA Operating Specifications and all portions of 14 CFR 91 (including those portions applicable to civil aircraft) and each certification. Some exceptions are specified below:

B2.1.1 In Antarctica, transportation of hazardous materials or dangerous goods shall be performed in accordance with the company's air operator certificate. It is the aviation contractor's responsibility to ensure that each employee that may transport hazardous materials attends their FAA-approved hazardous materials program certification training.

B2.1.2 The long-range fuel tanks used for deployment, redeployment, and extended flights take from are exempted from certification requirements of 14 CFR.

B2.1.3 Low-level flight (below 500 feet AGL) may be required, 14 CFR 135.203 notwithstanding. The minimum safe altitude requirements of 14 CFR 91.119 will be adhered to at all times.

NOTE

Fly-by's are strictly prohibited under this contract.

B2.1.4 On all missions, the aircraft shall have a two-pilot crew consisting of a pilot-in-command (PIC or Captain) and a second-in-command (SIC or First Officer).

B2.1.4.1 On all missions, prior to flight, the contractor shall designate in writing one PIC as the aircraft's Mission Commander.

B2.1.4.2 Both pilots shall be at their designated flight positions during all takeoffs, landings, instrument flight rules (IFR), low-level (below 500'), and any inherently-risky evolutions.

B2.2 PIC Authority and Responsibilities

B2.2.1 The PIC is responsible for the safe operation of the aircraft and the safety of its occupants and cargo. The PIC shall comply with the directions of the Government, except, when in his judgment, such compliance will be a violation of applicable Federal or State regulations or contracting provisions. The PIC shall refuse any flight or landing which the pilot considers hazardous or unsafe. The Contractor's on-site Station Supervisor shall report such refusal to the NSF Rep or the AMD on-site project inspector if the NSF Rep is unavailable..

B2.2.2 The PIC shall not permit any passenger to ride in the aircraft or any cargo to be loaded therein unless authorized by the CO or his authorized representative(s).

NOTE

No passengers shall be permitted to ride in the cockpit area of the aircraft.

B2.2.3 The PIC is responsible for computing the weight and balance for all flights and for assuring that the gross weight and center of gravity do not exceed the aircraft manufacturer's limitations.

SECTION B - TECHNICAL SPECIFICATIONS

B2.2.4 Before each takeoff, the PIC must ensure that all passengers have been briefed in accordance with 14 CFR 135. Briefings for short flights do not need to be repeated unless new passengers come aboard. The briefing must describe the location/use of the following:

- a. Emergency locator transmitter
- b. First aid/survival kits
- c. Personal protective equipment to include survival bags, suits, life vests and rafts for over-water evolutions
- d. Emergency Exits
- e. Fire extinguishers

B2.2.5 Pilots assigned to primary duty as pilot may function as a mechanic when the aircraft is not available due to maintenance provided the following requirements are met:

B2.2.5.1 The pilot holds a valid FAA mechanic certificate with airframe or power plant ratings as appropriate and meets the currency requirements of 14 CFR 65.83.

B2.2.5.2 The pilot's duty limitations shall apply when the pilot is functioning as a mechanic.

B2.2.5.3 The pilot shall not accomplish scheduled maintenance and inspections, other than daily inspections.

B2.2.6 The PIC is responsible for ensuring that any aircraft functional discrepancy is promptly reported and corrected, and that the aircraft is inspected and maintained in accordance with the contractor's operating certificate.

B2.2.7 The contractor may substitute aircraft or personnel during performance of the contract provided each substitution is inspected and accepted in accordance with paragraph C3. Substitutions shall be requested from the NSF or its designated representative 7days in advance.

B2.2.8 Day, night and IFR flights may be required by this contract.

B2.3 Personal Protective Equipment

The following items will be furnished by the contractor, and inspected for condition at the start of the contract.

B2.3.1 P shall at all times, have available for use, the items identified at Exhibit 1 unless otherwise directed by the Government. Contractor personnel shall wear the items identified in Exhibit 1 as conditions warrant and shall ensure that they are adequately dressed for the current conditions.

B2.3.2 Overwater flights and extended overwater flights shall comply with 14 CFR 135.167. The contractor shall furnish the equipment required by 14 CFR 135.167.

B2.3.2.1 For overwater flights the contractor shall furnish six (6) "Fitz Wright" dry flight survival suits, or equal, for use by the Government (not including the contractor's PIC/SIC requirement). Sizes shall be one small, one medium, three extra large, and one XXXL (U.S. sizes).

B2.3.2.2 Life preservers, required for overwater flights, must meet TSO C13d or equivalent, with approved water-activated lights. The life preservers shall be readily available and accessible to each occupant in the aircraft.

B2.3.2.3 For flights over water the contractor shall furnish a life raft(s) rated for the total number of occupants (not overloaded). The raft(s) shall meet TSO C-70 Type II standards and shall provide a full canopy system. The raft(s) location shall be readily accessible for deployment from the main cabin door.

B3 PERSONNEL REQUIREMENTS

[New sub-topics to incorporate:

- TRAINING: FSTP training, required within 6 weeks of arrival. Done below
- TRAINING: Try to pair non-completed FSTP-trained crew member with a crew member that has
- MEDICAL: Flight surgeon remove from duty/return to duty requirement see below
- DUTY: Crew expectations re: general labor] Done below

SECTION B - TECHNICAL SPECIFICATIONS

B3.1 Pilot Requirements

B3.1.1 All pilots shall have at least an FAA Commercial Pilot Certificate with instrument rating and appropriate category and class ratings.

B3.1.2 All pilots shall hold at least a current Second-Class Medical Certificate issued under provisions of 14 CFR 67.

B3.1.3 PICs shall provide evidence of satisfactorily passing an FAA Competency (14 CFR 135.293) and Instrument Proficiency Check (14 CFR 135.297) in the make and model offered for this contract. This flight check must be valid for the contract Exclusive Use period.

B3.1.4 All pilot flying hours shall be verified from a certified pilot log. Further verification of flying hours may be required at the discretion of the CO.

B3.1.5 Each PIC shall, at the discretion of the Contracting Officer's Technical Representative (COTR), pass a Department of Interior (DOI) Agency Flight Evaluation in make and model of aircraft to be flown on this contract. The flight evaluation will be in an aircraft supplied by the Contractor, at no expense to the Government. The satisfactory completion of the evaluation flight will not substitute for any of the total flight hour requirements listed in this contract.

B3.1.5.1 Services provided under this contract require DOI Special Use Flight Activities as identified below. Pilots must have satisfactorily completed an agency Initial and/or Periodic Flight Evaluation(s) for these activities before being approved for use under the contract, unless otherwise indicated in the contract. The COTR will provide detailed information concerning the types and frequency of special use pilot flight evaluations when requested.

- Low-level Flight (within 500' of the surface)
- Off Airport Landings
- Ski Operations

B3.1.6 PICs shall display evidence of experience in using all equipment specifically identified in Section C for performance of contract work (HF radio, global positioning system [GPS], AFF, etc.). This includes programming of the GPS to get equipment-compatible GPS data output to the DB-9 data port. Pilots may be required to demonstrate proficiency during the agency evaluation flight. Pilots may use an abbreviated checklist in the performance of this evaluation.

B3.1.6.1 Pilots shall demonstrate their ability to perform the following functions with the required GPS, and other equipment outlined in the avionics section. The pilot may use only an abbreviated checklist in the performance of this evaluation.

B3.1.6.1.1 Determine the geographic coordinates of a destination identified on a sectional aeronautical chart.

B3.1.6.1.2 Install destination coordinates.

B3.1.6.1.3 Acquire distance/bearing information to a destination.

B3.1.6.1.4 Record as a waypoint, coordinates of various locations while en route to a primary destination.

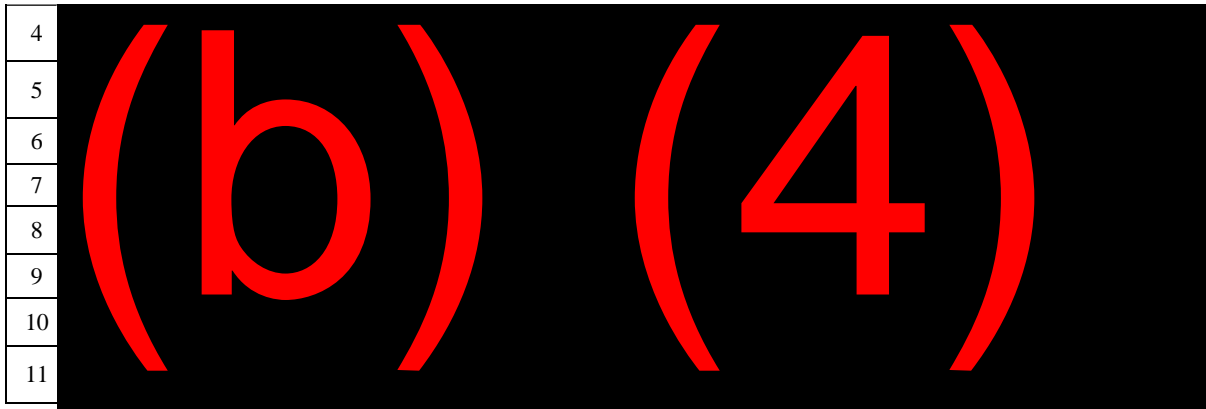
B3.1.6.1.5 Navigate from a present position to a selected recorded waypoint or between two recorded waypoints.

B3.1.6.1.6 Operate the GPS unit in a transect type (offset) program if required.

B3.1.7 PICs and SICs shall have logged minimum flying time as follows:

Item	Total Time in Hours				Description
	Light		Medium		
	PIC	SIC	PIC	SIC	
1	<div style="font-size: 48pt; color: red; font-weight: bold;">(b) (4)</div>				
2					
3					

SECTION B - TECHNICAL SPECIFICATIONS



B3.1.8 The Contractor shall submit for approval an experience resume for each pilot offered on the contract. The resume shall include names and addresses of past employers, substantiation of related type and typical terrain flying, and must show any and all accidents involving aircraft. The information shall be submitted on form AMD-64A, with supplements if requested (See Section C3.2.1, C11.1 and Section C Exhibits), "Airplane Pilot Qualifications and Approval" no later than **August 15 each year**.

B3.1.9 Pilot's shall perform general labor during the performance of this contract; however, the extent of the general labor shall be at the discretion of the contractor.

B3.2 Flight Crew Members Flight and Duty Limitations

B3.2.1 Flight Limitations

Flight crews shall not exceed the following flight time and crew duty limitations except as permitted by 14 CFR 135.267.

B3.2.1.1 During routine missions, a maximum of ten (10) hours flight time per duty period for two-pilot crews (PIC and SIC). For extended flights, Contractor shall comply with their Air Carrier Certificate and Civil Aviation Authority.

B3.2.1.2 At no time will a pilot exceed the maximum of 50 hours flight time during any consecutive six-day period. At the end of the rest period, a new six-day cycle will begin.

B3.2.1.3 Pilot flight time computations will be in accordance with 14 CFR Part 1.1: Pilot time commences when an aircraft moves under its own power for the purposes of flight and ends when the aircraft comes to rest after landing.

B3.2.1.4 All flight time, regardless of how or where performed (except for personal pleasure flying), will be recorded in the aircraft log and monitored by both the Contractor's Chief Pilot and each flight crew member pursuant to company policy and used to administer flight time and duty time limitations. Flight time to and from a duty station as a flight crewmember (commuting) will be reported and counted toward limitations if it is flown on a duty day. Flight time includes but is not limited to military, charter, flight instruction, biennial flight review, flight examinations by FAA designees, or any other flight time of a commercial nature, whether compensated or not.

B3.2.1.5 Pilot's total flying time per quarter, half, and full year shall not exceed the limits established by 14 CFR 135.

B3.2.2 Duty Time

B3.2.2.1 Duty includes flight time, ground duty of any kind, checking weather, and standby or alert status at any job site.

B3.2.2.2 During routine missions, a maximum crew duty period including flight and standby time is 14-hours in any 24-hour period. The Contractor may exceed the 14-hour duty day to perform extended duty, provided the Contractor is authorized in accordance with their Air Carrier Certificate or civil aviation authority.

B3.2.3 Mandatory Rest Period

B3.2.3.1 At least ten (10) consecutive hours of rest shall be required immediately prior to each duty period. (Rest is defined as the time spent between duty periods characterized by inactivity or ease and is free from labor or disturbance).

SECTION B - TECHNICAL SPECIFICATIONS

B3.2.3.2 Pilots shall have two (2) 24-hour periods off duty during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.2.3.3 The Government may further restrict daily flight hour limitations. Pilots may also be removed by the CO, or their delegated representative, from duty for fatigue or other causes before reaching their flight hour or duty limitations.

B3.2.4 Medical Release

B3.2.4.1 Flight crews requiring medical attention during their performance in Antarctica shall visit the on call Flight Surgeon / Aviation Medical Examiner (AME) when available to determine their flight status. Once removed from flight status for any medical reason, all flight crews shall be returned to flight status by the onsite AME prior to returning to flight status. When AME's are not available to perform this function, the local medical doctor shall perform this function.

B3.3 Mechanic Requirements

B3.3.1 The mechanic shall be the holder of a valid FAA mechanic certificate with airframe and power plant ratings, must have held the certificate with both ratings for a period of 24 months, and meet the following experience requirements:

<i>C3.3.1.x</i>	<i>Time</i>	<i>Description</i>
1	(b)	(4)
2		
3		

B3.3.2 Mechanic Duty Limitations

Mechanics shall not exceed the following duty time limitations:

B3.3.2.1 Within any 24-hour period, mechanics shall have a minimum of eight (8) consecutive hours off duty immediately prior to the beginning of any duty day. Travel, not local in nature, may be counted as duty time.

B3.3.2.2 Mechanics will have two (2) full days off during any 14-day period during the performance of this contract. Off duty days need not be consecutive.

B3.3.2.3 Duty time includes availability and work or alert status at any job site, including time in transport to and from the airfield.

B3.3.3 Availability of Mechanic

A mechanic shall be available at the designated or alternate station(s)/camp(s) during the periods in which the aircraft is operating in the performance of this contract. A mechanic shall be present to service, inspect and repair the aircraft. The mechanic is considered a required crewmember during deployment/redeployment flights.

B3.4 All Contractor Personnel

B3.4.1 All contractor personnel are required to meet the specific training requirements of the NSF as required for operations in Antarctica. The contractor's personnel shall attend this mandatory training at no additional cost to the Government within six (6) weeks of arrival at McMurdo Station. The training will be considered duty time and unavailability shall not be assessed for the time required to meet the NSF training requirements.

SECTION B - TECHNICAL SPECIFICATIONS

B4 AIRCRAFT REQUIREMENTS

B4.1 Condition of Equipment

B4.1.1 Contractor-furnished aircraft and equipment shall be operable, free of damage, and in good repair. Aircraft systems and components shall be free of leaks except where specified by the manufacturer. Any non-deferrable system degradation requiring unplanned maintenance, placing the aircraft in a non-airworthy status or when any one item/system identified below does not meet the specified standards listed herein will impact payment of daily availability (DA) in accordance with Section C7.2.1.

B4.1.2 All windows and windshields shall be clean and free of scratches, cracks, crazing, distortion or repairs that hinder visibility. Repairs such as safety wire lacing and stop drilling of cracks are not acceptable permanent repairs. Prior to acceptance, all temporarily-repaired windows and windshields shall have permanent repairs completed or shall be replaced.

B4.1.3 The aircraft interior shall be clean and neat. There shall be no unrepaired tears, rips or other damage in the upholstery or headliner. Broken interior trim with sharp points or edges is not acceptable.

B4.1.4 The exterior finish and paint shall be clean and in good condition. The airplane fuselage shall be painted in high-visibility color differing from the typical white or gray terrain. Upper wing surfaces shall be painted in high-contrast colors that distinguish them from a white snow surface.

B4.1.5 These conditions of equipment concerns are in addition to airworthiness requirements.

B4.2 Equipment Requirements

B4.2.1 Current navigational publications are required for the area(s) of operations, to include VFR sectional aeronautical charts, current IFR charts, and current approach plates and shall be carried on board the airplane at all times.

B4.2.2 A first aid kit containing the items specified at Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.3 A flight-crew survival kit containing items specified in Section C Exhibits shall be furnished by the Contractor and carried aboard the aircraft on all flights.

B4.2.4 Fire extinguisher(s), required by 14 CFR Part 135, for the purposes of this contract, must be a handheld bottle, minimum 2-B-C rating, mounted and accessible to the flight crew while seated. The fire extinguisher must be maintained in accordance with *National Fire Protection Association (NFPA) Manual 10, Standards for Portable Fire Extinguishers* or the Contractor's 135 operations manual.

B4.2.5 The Contractor shall provide aircraft ground support equipment and mission essential accessories to operate in areas with minimal support, including at a minimum: ice anchors and tie-down lines for all aircraft, ladders, barrel ramp, fuel pumps, and other cargo loading gear.

B4.2.6 The aircraft shall be equipped with individual lap belts for each occupant and FAA-approved shoulder harness with inertia reel for both front seat positions. Shoulder harness and lap belt shall fasten with metal-to-metal, single-point, quick-release mechanism. Harness and belts are to be fastened during all flight evolutions. See Section C Exhibits, "Unacceptable Lap Belt and Shoulder Harness Conditions."

B4.2.7 Skis

B4.2.7.1 For Arctic operations aircraft shall be equipped with wheel/ski landing gear.

B4.2.7.2 For Antarctic operations aircraft shall be equipped with spring skis.

B4.2.8 Cabin heater with windshield defogger.

B4.2.9 The aircraft shall be equipped in accordance with 14 CFR 135 for IFR and known icing conditions

NOTE

SECTION B - TECHNICAL SPECIFICATIONS

Alcohol windshield de-ice system is NOT acceptable.

B4.2.10 Lights

B4.2.10.1 Two high visibility strobe lights (one above and one below the fuselage) or a wingtip strobe system

B4.2.10.2 The aircraft shall have approved lighting for night operation in accordance with 14 CFR 91 including instrument lights.

B4.2.10.3 The aircraft shall be equipped with a pulse type light system to enhance recognition of the aircraft. A Pulselite model 1220/2410-2 or equal will meet this requirement.

B4.2.11 RESERVED

B4.2.12 RESERVED

B4.2.13 Cargo Provisions

B4.2.13.1 The aircraft shall be equipped with FAA-approved cargo tie-down provisions, cargo straps and cargo tie-downs for cargo operations.

B4.2.13.2 Cargo restraint installation shall secure cargo from shifting, or slipping through or underneath restraint.

B4.2.13.3 Cargo tie-down provisions shall conform to FAA Advisory Circular AC 43.13-2A or other approved data.

B4.2.13.4 Cargo nets and straps shall not be attached to pilot and/or passenger seat structures.

B4.2.14 (b) (4)

B4.2.15 RESERVED

B4.2.16 Oxygen

B4.2.16.1 For (b) (4): Minimum six (6) hour oxygen system for flight crew. Passenger oxygen equipment shall be installed at each seating position. System shall have sufficient capacity for six (6) person hours at 15,000 feet MSL.

B4.2.16.2 For (b) (4): Minimum eight (8) hour oxygen system for flight crew. The oxygen system must be permanently-installed and accessible to the pilot, copilot, and all passenger seats while seated. System shall have sufficient capacity for eight (8) person hours at 15,000 feet MSL.

B4.2.17 Aircraft seats, other than the pilot and copilot, should be foldable or removable to allow for the carrying of cargo.

B5 AVIONICS REQUIREMENTS

B5.1 General

The following systems shall be furnished, installed, and maintained in each aircraft by the Contractor in accordance with the manufacturer's specifications and the installation and maintenance standards of Section B5.6. Detailed avionics systems performance requirements are listed in *Avionics Operational Test Standards*, as detailed in Section C Exhibits. (Copies also available upon request from DOI NBC Aviation Management Directorate or at <http://amd.nbc.gov/library/handbooks/aots/pdf>).

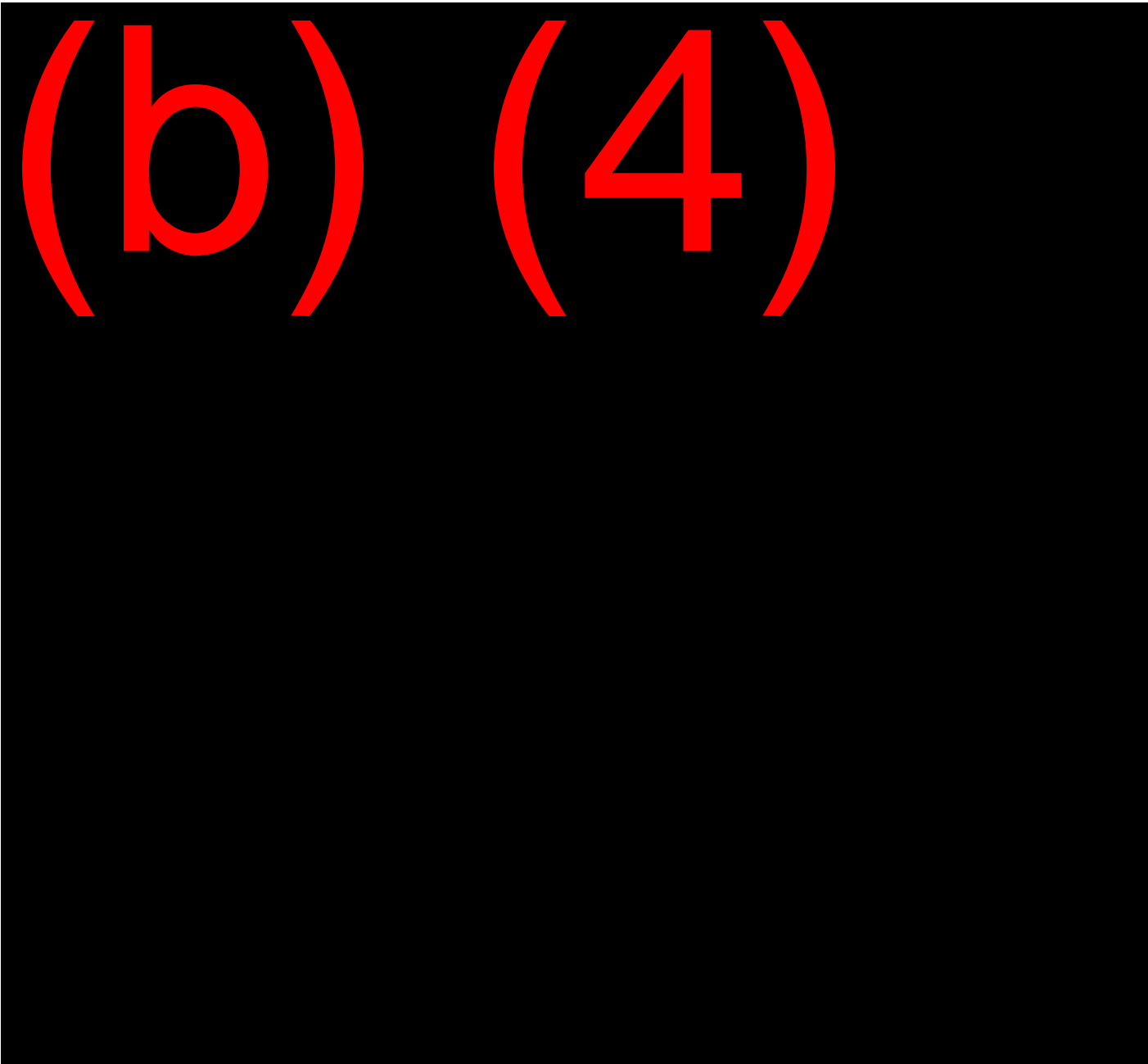
B5.2 Communications Systems

(b) (4)

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B5.3 Navigational Systems



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(b) (4)

B5.5 Other Avionics

(b) (4)

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(b) (4)

B5.6 Avionics Installation and Maintenance Standards

(b) (4)

B5.7 Additional Aircraft-Specific Avionics

(b) (4)

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(b) (4)

B5.8 Automated Flight-Following

(b) (4)

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(b) (4)

B6 MAINTENANCE REQUIREMENTS

B6.1 General

The aircraft shall be operated and maintained in accordance with the manufacturer's specifications and applicable portions of 14 CFR.

B6.2 Maintenance

B6.2.1 Aircraft shall be maintained in accordance with the Contractor's 14 CFR Part 135 certificate.

B6.2.2 All maintenance, including inspection, rebuilding, alteration, and installation shall be accomplished by a person authorized to perform maintenance in accordance with 14 CFR Part 43.

B6.2.3 Field Maintenance: The Contractor's maintenance organization shall be capable of providing field maintenance support for each aircraft during extended periods of heavy use. The Contractor may have arrangements with other appropriately rated facilities to perform maintenance for which the Contractor is not qualified.

B6.2.4 50-Hour Inspection: A mechanic meeting the contract qualifications shall inspect the aircraft each 50 hours of flight. The 50-hour inspection shall be accomplished in accordance with the procedures outlined in the Contractor's approved/accepted maintenance program or, if not covered by the maintenance program, it shall include, but not be limited to, the following: lubrications, if applicable, and a thorough visual inspection of power plant, control systems, and airframe instruments. A record of this inspection shall be entered in the aircraft maintenance records in accordance with 14 CFR Part 43.9. Such entry shall also include the aircraft time in service.

B6.3 Preventive Maintenance

B6.3.1 The pilot, under the terms of this contract, may perform preventive maintenance in accordance with 14 CFR Part 43.3(h). All maintenance performed will be recorded in accordance with 14 CFR Part 43.9.

B6.3.2 Routine maintenance shall be performed before or after the daily use or as approved by the CO or designated representative.

B6.4 Post Maintenance Check Flight

B6.4.1 Check Flight: A functional maintenance check flight shall be performed, at the Contractor's expense, following installation, overhaul, major repair, major inspection or removal/replacement of any engine, power train, propeller system, or flight control rigging or system. This shall be accomplished before the aircraft resumes service under the contract. The pilot shall enter the result of this check flight in the aircraft records.

B6.4.2 The Contractor shall immediately notify the CO or designated representative of any change to any engine, power train, flight control, propeller, or major airframe component, or of any major repair following an incident or accident, including the circumstances involved.

B6.5 Time Between Overhaul (TBO) and Life-Limited Parts

B6.5.1 All components, including engines and props shall be replaced upon reaching the factory recommended Time Between Overhaul (TBO) or FAA-approved extension. Life-limited Parts (LLP) shall be replaced at the specified time in service hours or cycles. At the time of the initial agency inspection, the aircraft will have a fresh phase inspection and a minimum of 750 hours remaining on the turbine engines until the next "hot section" or major overhaul.

SECTION B - TECHNICAL SPECIFICATIONS

B6.5.2 Aircraft operated with components or accessories on approved TBO extension programs are acceptable provided, (1) the Contractor is the holder of the approved extension authorization (not the owner if the aircraft is leased), and (2) the Contractor operates in accordance with the extension authorization.

B6.5.3 The Contractor shall supply, at the time of the initial agency inspection, a list of all items installed on the aircraft that are required to be overhauled or replaced on a specified time basis. This list shall include the components name, part number, serial number, total time, service life (or inspection/overhaul time interval), and time and date when component was overhauled, replaced, or inspected.

B6.6 Airworthiness Directives and Manufacturer's Mandatory Service Bulletins

All applicable FAA Airworthiness Directives (ADs) and required Manufacturer's Mandatory Service Bulletins (MMSBs) shall be complied with prior to the performance of this contract. A list of FAA ADs and required MMSBs on the make and model of aircraft offered shall be made available upon request by the Government. The list will be similar to that in Advisory Circular AC 43-9C. Signature of persons verifying accuracy of the list is required. All applicable ADs and required MMSBs issued during the contract shall be complied with.

B6.7 Weight and Balance

B6.7.1 The aircraft's required weight and balance data shall be determined by actual weighing of the aircraft within twenty-four (24) months of the contract's effective date, and following any major repair, major alteration, or change to the equipment list which significantly affects the center of gravity of the aircraft (i.e., per AC-43-13, any piece of equipment weighing more than 1 pound (½ Kg)).

B6.7.2 All weighing of aircraft shall be performed on scales that have been certified as accurate within the preceding twenty-four (24) calendar months. The certifying agency may be any accredited weights and measures laboratory.

B6.7.3 A list of equipment installed in the aircraft at the time of weighing must be compiled. The equipment list will include the name and location of each item installed. Items that may be easily removed or installed for aircraft configuration changes (seats, radios, special mission equipment, etc.) shall also be listed including the name, the weight and arm of each item. Each page of the equipment list must identify the specific aircraft by at least serial number or registration number of the aircraft. Each page of the equipment list will be dated indicating the last date of weighing or computation. The weight and balance must be revised each time new equipment is installed or old equipment is removed. Weight and balance procedures under 14 CFR Parts 135.23(b) and 135.185 are acceptable, except where exceeded by this contract.

B6.8 Manuals and Records

B6.8.1 The Contractor shall ensure that all maintenance performed on contract aircraft is recorded in the affected aircraft's maintenance record in accordance with 14 CFR Parts 43 and 91 (reference 14 CFR Parts 43.9, 43.11, and 91.417).

B6.8.2 A copy of the contract aircraft's current maintenance record, containing, as a minimum, the information required by 14 CFR Part 91.417, shall be kept at the designated base of operations. The Contractor shall have a current set of maintenance / parts manuals that will accompany each aircraft at all times.

B6.8.3 If requested by the Government, a copy of the Contractor's procedures manuals, as outlined in 14 CFR Part 135.21, shall be furnished to the CO or designated representative. Revisions made during the period of this contract shall be forwarded to the CO.

B6.8.4 Fifteen (15) days before the start date of the contract, all maintenance deficiencies shall be corrected or deferred in accordance with the operator's Accepted/Approved Maintenance Program. Deferred discrepancies will be evaluated by the DOI AMD Technical Services Division and the aircraft approved for contract use on a case-by-case basis. The CO or his designated representative shall be supplied with a listing of all deferred discrepancies prior to the start of the Antarctic/Arctic season. Those deficiencies occurring during performance under the contract shall be corrected in accordance with the appropriate portions of 14 CFR or the Approved Maintenance Program. Items deferred by use of an FAA-approved minimum equipment list, shall not be mission essential.

SECTION B - TECHNICAL SPECIFICATIONS

B7 FUEL AND SERVICING REQUIREMENTS

B7.1 General

B7.1.1 Antarctic: The Government will supply all aircraft fuel for use by the Contractor in Antarctica. The Contractor shall supply oil and other lubricating fluids and grease. The pilot-in-command (PIC) shall keep careful record of fuel withdrawals by airplane tail number for all remote fuel caches and airfield fuel stations (fuel pit), except at McMurdo Station or South Pole.

B7.1.2 Arctic: The Contractor shall provide and the Government will reimburse the Contractor its actual cost for fuel used in the performance of work in the Arctic.

B7.1.3 All fuel shall be commercial or military grade aviation fuel approved for use by the airframe and engine manufacturer. Only fuels meeting American Society for Testing and Material (ASTM) or military specifications are authorized for use; e.g., ASTM D-1655 (Jet A, A-1, or B), Mil T-5624 (JP-4, JP-5, JP-8), ASTM-D-910 or MIL T-910 (Grade 80, 100, or 100LL), or AN8.

B7.1.4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR AIRCRAFT REFUELING. Fueling operations, including storage and handling, shall comply with the airframe and engine manufacturer's recommendations and all applicable FAA standards. The Contractor shall have and apply a fuel quality assurance program – including but not limited to visual inspection for the proper type and grade, that the fuel is clean, bright and free from contamination. The National Fire Protection Association's fuel-handling handbook shall be used as a guide.

NOTE

No passengers shall be on board the aircraft during fueling operations. Smoking is prohibited within 50 feet of the aircraft.

Copies of *NFPA 407: Aircraft Fuel Servicing* can be obtained from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

B7.2 Fuel Servicing Equipment

B7.2.1 PORTABLE PUMPS: One portable fuel pump, barrel stem, and hoses shall be carried onboard the aircraft at all times for servicing the aircraft from 55-gallon barrels. The filter manufacturer's operating, installation, and service manual shall be followed. At least one spare filter, seals, and other spare components shall be carried with the portable fuel pump.

B7.3 NSF Antarctic Fuel Filtering Systems

B7.3.1 The NSF fuel filtration systems provided in the Antarctic are designed to provide pressures of 200 psi and flow rates of 300 gpm. Normal pressures/flow rates should be expected in the range of 90 psi and 230 gpm, respectively.

B7.3.2 The NSF filtration will meet one of the following qualifications: Institute of Petroleum (IP), API 1581, or MIL-F-8901E. Some examples of IP qualified elements are Velcon CDF 210K, CDF 220K, ACO 51201K, ACO 21201K, ACO 40501SPK, and ACO 40901SPK.

B7.3.3 The filter vessels will be placarded indicating the filter change date. Spare filters shall be available to allow periodic and emergency filter changes.

B7.3.4 Three-Stage (filter, water separator, monitor) Systems (API 1581 or MIL-F-8901E qualified). Fueling systems utilize a three-stage system such as a Facet Part Number 050970 M2 for 20 gallons per minute pump, or equal. A Facet Part Number 050971-M2 for a 10 gallon per minute pump, or equal. An acceptable third stage (monitor) unit is Velcon CDF 220K for 20-gpm flow or Velcon CDF 210K for 10-gpm systems.

B7.3.5 Single-Stage System or Three-In-One Filter Canister Systems (IP qualified) utilize a single element system such as a Velcon filter canister with Aquacon cartridge of a size compatible with pumps flow rate (e.g., Velcon VF-61 canister with an ACO-51201K cartridge for 50 to 60 GPM flow rate or ACO-40501SPK for 10 to 15 GPM flow rate).

SECTION B - TECHNICAL SPECIFICATIONS

B8 CONSERVATION OF ANTARCTIC ANIMALS AND PLANTS

B8.1 Definitions

The following definitions apply for the purposes of this section only.

B8.1.1 *Antarctica* means the area south of 60 degrees south latitude.

B8.1.2 *Antarctic Specially Protected Area* means any area designated by the Antarctic Treaty Parties to protect outstanding environmental, scientific, historic, aesthetic, or wilderness values or to protect ongoing or planned scientific research, designated at 45 CFR §670.29. Antarctic Treaty Parties also designate areas where activities are being conducted or may be conducted in the future as an Antarctic Specially Managed Area, to assist in the planning and co-ordination of activities, avoid possible conflicts, improve co-operation between Parties or minimize environmental impacts.

B8.1.3 *Harmful interference* means: (a) flying or landing helicopters or other aircraft in a manner that disturbs concentrations of birds or seals; (b) using vehicles or vessels, including hovercraft and small boats, in a manner that disturbs concentrations of birds or seals; (c) using explosives or firearms in a manner that disturbs concentrations of birds or seals; (d) willfully disturbing breeding or molting birds or concentrations of birds or seals by persons on foot; (e) significantly damaging concentrations of native terrestrial plants by landing aircraft, driving vehicles, or walking on them, or by other means; and (f) any activity that results in the significant adverse modification of habitats of any species or population of native mammal, native bird, native plant, or native invertebrate.

B8.1.4 *Management plan* means a plan to manage the activities and protect the special value or values in an Antarctic Specially Protected Area designated by the United States as such a site in 45 CFR §670.29 or by the Antarctic Treaty Parties in the “Status of Antarctic Specially Protected Area and Antarctic Specially Managed Area Management Plans” Please note that the Antarctic Treaty Parties also designate management plans for Antarctic Specially Managed Areas and Historic Sites and Monuments.

B8.1.5 *Native bird* means any member, at any stage of its life cycle, of any species of the class Aves which is indigenous to Antarctica or occurs there seasonally through natural migrations, designated in 45 CFR §670.20. . It includes any part, product, egg, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.6 *Native invertebrate* means any terrestrial or freshwater invertebrate, at any stage of its life cycle, which is indigenous to Antarctica. It includes any part thereof but excludes fossils.

B8.1.7 *Native mammal* means any member, at any stage of its life cycle, of any species of the class Mammalia, which is indigenous to Antarctica or occurs there seasonally through natural migrations, that is designated in 45 CFR §670.19. It includes any part, product, or offspring of or the dead body or parts thereof but excludes fossils.

B8.1.8 *Native plant* means any terrestrial or freshwater vegetation, including bryophytes, lichens, fungi, and algae, at any stage of its life cycle which is indigenous to Antarctica that is designated at 45 CFR §670.21. It includes seeds and other propagules or parts of such vegetation but excludes fossils.

B8.1.9 *Protocol* means the Protocol on Environmental Protection to the Antarctic Treaty, signed October 4, 1991, in Madrid, and all annexes thereto, including any future amendments to which the United States is a Party.

B8.1.10 *Take or taking* means to kill, injure, capture, handle, or molest a native mammal or bird, or to remove or damage such quantities of native plants that their local distribution or abundance would be significantly affected or to attempt to engage in such conduct.

B8.1.11 *Treaty* means the Antarctic Treaty signed in Washington, D.C. on December 1, 1959.

B8.2 Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts, unless a permit has been issued pursuant to NSF Regulation. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

SECTION B - TECHNICAL SPECIFICATIONS

B8.2.1 Taking any native mammal or native bird, or native plant.

B8.2.2 Engaging in harmful interference.

B8.2.3 Entry into any Antarctic Specially Protected Area (ASPA) except in accordance with the relevant ASPA Management Plan.

B8.2.4 Possess, sell, offer for sale, deliver, receive, transport, or ship by means any native mammals, plants, or birds. It is unlawful for any person to receive, acquire, transport, offer for sale, sell, purchase, export, import, or have custody, control, or possession of, any native bird, native mammal, or native plant which the person knows, or in the exercise of due care should have known, was taken in violation of the Act.

B8.2.5 Import or export any native mammals, plants, or birds collected in Antarctica to or from the United States and its possessions and jurisdictions, or any third country.

B8.2.6 Introduce any non-indigenous animals or plants into Antarctica.

B8.2.7. Violate regulations or permit conditions that are in violation of the Act.

B8.3 Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in B8.2.

B8.3.1 Acts committed under emergency circumstances to prevent the loss of human life or of ships, aircraft, or other equipment and facilities of high value, or protection of the environment.

B8.3.2 Acts committed to aid or salvage native mammals or birds if such action is necessary to aid a sick, injured, or orphaned specimen; to dispose of a dead specimen; or salvage a dead specimen which may be useful for scientific study.

B8.3.3 Any acts taken per B8.3.1 or B8.3.2 shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B8.3.4 Transport of native birds, mammals or plants, or any non-indigenous animals or plants within Antarctica in the normal course of work, provided a permit has been issued in accordance with 45 CFR Part 670 by the United States or other third country in accordance with the Protocol.

B9 ANTARCTIC WASTE MANAGEMENT

B9.1 Definitions

The following definitions apply for the purposes of this section only.

B9.1.1 *Antarctic hazardous waste* means any waste containing one or more designated pollutants.

B9.1.2 *Antarctica* has the same meaning as stated in C8.1.1.

B9.1.3 *Banned substance* means any polychlorinated biphenyls (PCBs); non-sterile soil; polystyrene beads, plastic chips or similar loose polystyrene packing material; pesticides (other than those required for scientific, medical, or hygiene purposes) or other substances as designated in accordance with 45 CFR §671.14.

B9.1.4 *Designated pollutant* means any substance designated in accordance with 45 CFR §671.14; any pesticide, radioactive substance, or substance consisting of or containing any chemical listed by source, generic or chemical name at 40 CFR 61.01, Table 116.4A of 40 CFR 116.4, subpart D of 40 CFR Part 261, 40 CFR 302.4, part 355, and part 372; and any substance which exhibits a hazardous waste characteristic as defined in subparts B and C of 40 CFR part 261; but shall not include any banned substance.

B9.1.5 *Permit* means a permit issued pursuant to 45 CFR Part 671, Subpart C.

SECTION B - TECHNICAL SPECIFICATIONS

B9.1.6 *Release* means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, leaching, dumping, burying, or disposing of a substance whether intentionally or accidentally.

B9.1.7 *Substance* means any gas, liquid, or solid, or mixture thereof, including biological material.

B9.1.8 *Use* means to use, generate or create a substance, or to import a substance into Antarctica, but does not include the shipboard use of a substance, provided that substance is not released or removed from the vessel.

B9.1.9 *Waste* means any substance that will no longer be used for any useful purpose, but does not include substances to be recycled in Antarctica, or substances to be reused in a manner different than their initial use, provided such substances are stored in a manner that will prevent their dispersal in to the environment, and further provided that they are recycled, reused, or disposed of in accordance with this contract within three years. Recycling includes, but is not limited to, the reuse, further use, reclamation or extraction of a waste through a process or activity that is separate from the process or activity that produced the waste.

B9.2 Prohibited Acts

The Contractor and its personnel are prohibited from committing any of the following acts. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B9.2.1 Use or release of any banned substance in Antarctica.

B9.2.2 Use or release of any designated pollutant in Antarctica without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.3 Use or release of any waste in Antarctic without the prior approval of the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.2.4 Violate the terms and conditions of any prior approval granted per C9.2.2 or C9.2.3.

B9.3 Exceptions

The following acts constitute allowable exceptions to the prohibited acts described in C9.2.

B9.3.1 Any use or release of designated pollutants or waste allowed under the Act to Prevent Marine Pollution from Ships (33 U.S.C. 1901 et seq.) as amended, or any shipboard use of banned substances or designated pollutants, provided such substances are not removed from the vessel in Antarctica.

B9.3.2 Acts committed in cases of emergency relating to the safety of human life or of ships, aircraft or other equipment and facilities of high value, or the protection of the environment. Any acts taken per this exception shall be reported immediately to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director.

B9.4 Prior Approval Requirements

The Contractor shall submit the following information to the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director (dated and signed) when seeking prior approval in accordance with C9.2.2 or C9.2.3. This information shall be submitted at least 120 calendar days prior to the desired effective date of such prior approval.

B9.4.1 The Contractor's name, address, telephone number, and identification of the president, principal officer or managing partner submitting the information.

B9.4.2 A description of the types, expected concentrations and volumes of wastes and designated pollutants to be released in Antarctica; the nature and timing of such releases; arrangements for waste management, including without limitation, plans for waste reduction, minimization, treatment and processing, recycling, storage, transportation and disposal; arrangements for

SECTION B - TECHNICAL SPECIFICATIONS

training and educating personnel to comply with these waste management requirements and procedures; and other arrangements for minimizing and monitoring the environmental impacts of proposed operations and activities.

B9.4.3 A description of the types, expected concentrations and volumes of designated pollutants to be used in Antarctica; the nature and timing of such uses; the method of storage of designated pollutants; and a contingency plan for controlling releases in a manner designed to minimize any resulting hazards to health and the environment.

B9.4.4 The desired effective date and duration of such prior approval

B9.4.5 The sufficiency of the information submitted shall be determined by the Director, Office of Polar Programs, National Science Foundation, or an officer or employee so designated by the Director. The Director may waive any request for information, or require such additional information as necessary to the processing and evaluation of the request for prior approval.

B9.5 Waste Disposal

The Contractor shall dispose of all wastes generated in the performance of work under this contract and comply in all respects with the USAP Standard Operating Procedures titled *Solid Waste Standard Operating Procedure* (see Section C Exhibits) and *Hazardous Waste Standard Operating Procedure* (see Section C Exhibits).

B9.6 Permits

The Contractor, at the sole discretion of the Government, may be required to apply for a permit pursuant to 45 CFR Part 671. Pricing, work and delivery requirements shall be specified in accordance with this contract's "Changes" clause.

B10 ANTARCTIC METEORITES

B10.1 Definition

Antarctica has the same meaning as set forth at B8.1.1.

B10.2 Prohibited Acts

The Contractor and its personnel shall not collect nor transport meteorites in Antarctica unless the transportation of meteorites is in support of the USAP, NSF science groups, or Grantee programs that have written authorization to transport meteorites. Failure to abide by this section shall result in the removal of the Contractor's personnel from assignment to this contract, and may constitute grounds for a default termination.

B11 REQUIRED MEETINGS

The Contractor shall be responsible for attending up to three conferences per year at various locations in the contiguous United States at no additional cost to the Government. Each conference will typically last two days exclusive of travel. The Contractor's participation at these conferences is required.

B12 POST AWARD CONFERENCE

Contractor will be required to attend a Post Award meeting after award of the contract. This meeting shall be held at the Contractor's facility and will be to review the contract in detail, discuss operational issues associated with Antarctica, identify Points of Contact, and to answer questions.

B13 PACKAGING AND SHIPPING

Unless otherwise specified, all items shall be packaged and marked in accordance with normal commercial practices. If magnetic media is involved, packaging shall be clearly marked identifying the contents as such and with a warning for protection against exposure to magnetic fields or temperature extremes. For greater detail refer to USAP document "INSTRUCTIONS ON PACKAGING AND SHIPPING 2002-2003" on the USAP web site.

SECTION B - TECHNICAL SPECIFICATIONS

B14 SHIPPING TO McMURDO STATION, ANTARCTICA

Items shipped to McMurdo Station (other than personal items) shall be packaged and shipped in accordance with the USAP publication titled *Instructions on Packaging and Shipping* (see Section C Exhibits).

NOTE

Styrofoam “peanuts” packaging material is prohibited in all packages bound for McMurdo

SECTION C - TERMS AND CONDITIONS

C1 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (52.212-4 Jun 2010) [Tailored Sept 2005]

(SEE ADDENDA WHICH FOLLOWS IMMEDIATELY AFTER CLAUSE 52.212-5)

(a) *Inspection/Acceptance.* The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or re-performance of nonconforming services at no expense to the government. If repair/replacement or re-performance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) *Assignment.* The Contractor or its assignee's may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Government-wide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) *Changes.* Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) *Disputes.* This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) *Definitions.* The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) *Excusable delays.* The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the CO in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the CO of the cessation of such occurrence.

(g) *Invoice.*

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized,) to the address designated in the contract to receive invoices. An invoice must include--

(i) Name and address of the Contractor

(ii) Invoice date and number

(iii) Contract number, contract line item number and, if applicable, the order number

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading

(vi) Terms of any discount for prompt payment offered

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice, and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation

SECTION C - TERMS AND CONDITIONS

provision, contract clause (e.g., 52.232-33, Payment by EFT -Central Contractor Registration, or 52.232-34, Payment by EFT-Other Than Central Contractor Registration), or applicable agency procedures

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) *Patent indemnity.* The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) *Payment*

(1) *Items accepted.* Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) *Prompt Payment.* The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) *Electronic funds transfer (EFT).* If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) *Discount.* In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) *Over-payments.* If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall --

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including:

(A) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected contract line item or sub-line item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the CO.

(6) *Interest.* (i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 611 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in (i)(6)(V) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract.

(iii) *Final decisions.* The CO will issue a final decision as required by 33.211 if --

(A) The CO and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;

(B) The Contractor fails to liquidate a debt previously specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the CO (see 32.607-2).

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

(A) The date fixed under this contract.

(B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on--

(A) The date on which the designated office receives payment from the Contractor;

(B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or

(C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

SECTION C - TERMS AND CONDITIONS

(vii) The interest charge made under this clause may be reduced under the procedures prescribed in 32.608-2 of the Federal Acquisition Regulation in effect on the date of this contract.

(j) *Risk of loss.* Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

- (1) Delivery of the supplies to a carrier, if transportation is FOB origin; or
- (2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is FOB destination.

(k) *Taxes.* The contract price includes all applicable Federal, State, and local taxes and duties.

(l) *Termination for the Government's convenience.* The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

(m) *Termination for cause.* The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) *Title.* Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) *Warranty.* The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) *Limitation of liability.* Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) *Other compliances.* The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) *Compliance with laws unique to Government contracts.* The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C 3701, *et seq.*, Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) *Order of precedence.* Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.

(t) *Central Contractor Registration (CCR)*

(1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR Subpart 42.12, the Contractor shall provide the responsible CO a minimum of one business day's written notification of its intention to (A) change

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the name in the CCR database; (B) comply with the requirements of Subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible CO. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (q)(2)(i) of this clause, or fails to perform the agreement at paragraph (q)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

C2 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS – COMMERCIAL ITEMS (52.212-5 Jul 2010)

(a) The Contractor shall comply with the following Federal Acquisition Regulations (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest after Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) Public L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEPT 2006), with Alternate I (SEPT 2006) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.203-13, Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(3) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

(4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2010) (Pub. L. 109-282) (31 U.S.C. 6101 Note).

(5) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (JUL 2010) (Pub.L. 111-5).

(6) 52.219-3, Notice of Total HUBZone Small Business Set-Aside (JAN 1999) (15 U.S.C. 657a).

(7) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JULY 2005) (if the Offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

(8) [Reserved]

(9) (i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-6.

(iii) Alternate II (MAR 2004) of 52.219-6.

(10) (i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003)(15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-7.

(iii) Alternate II (MAR 2004) of 52.219-7.

(11) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)).

(12)(i) 52.219-9, Small Business Subcontracting Plan (NOV 2007)(15 U.S.C. 637(d)(4).

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- (ii) Alternate I (OCT 2001) of 52.219-9.
- (iii) Alternate II (OCT 2001) of 52.219-9.
- (13) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).
- (14)(i) 52.219-16, Liquidated Damages – Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- (15)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008)(10 U.S.C. 2323) (if the Offeror elects to waive the adjustment, it shall so indicate in its offer).
- (ii) Alternate I (JUNE 2003) of 52.219-23.
- (16) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (OCT 1999)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (17) 52.219-26, Small Disadvantaged Business Participation Program-Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (15 U.S.C. 657f).
- (19) 52.219-28, Post Award Small Business Program Representation (APR 2009) (15 U.S.C. 632(a)(2)).
- (20) 52.222-3, Convict Labor (JUNE 2003)(E.O. 11755).
- (21) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).
- (22) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- (23) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246).
- (24) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).
- (25) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).
- (26) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212).
- (27) 52.222-54, Employment Eligibility Verification (JAN 2009). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- (28)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (MAY 2008)(42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).
- (30)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007)(E.O. 13423).
- (ii) Alternate I (DEC 2007) of 52.223-16.
- (31) 52.225-1, Buy American Act-Supplies (FEB 2009)(41 U.S.C. 10a - 10d).
- (32)(i) 52.225-3, Buy American Act - Free Trade Agreements-Israeli Trade Act (JUN 2009) (41 U.S.C. 10a - 10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).
- (ii) Alternate I (JAN 2004) of 52.225-3.
- (iii) Alternate II (JAN 2004) of 52.225-3.
- (33) 52.225-5, Trade Agreements (JUN 2009)(19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).
- (34) 52.225-13, Restriction on Certain Foreign Purchases (JUNE 2008) (E.O.'s, proclamations and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- (35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (NOV 2007) (42 U.S.C. 5150).
- (36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (NOV 2007) (42 U.S.C. 5150)
- (37) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- (38) 52.232-30, Installment Payments for Commercial Items (OCT 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- (39) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (OCT 2003)(31 U.S.C. 3332).
- (40) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999)(31 U.S.C. 3332).
- (41) 52.232-36, Payment by Third Party (FEB 2010)(31 U.S.C. 3332).

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(42) 52.239-1, Privacy or Security Safeguards (AUG 1996)(5 U.S.C. 552a).

(43)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631).

(ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, which the CO has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-41, Service Contract Act of 1965 (NOV 2007)(41 U.S.C. 351, *et seq.*).

(2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989)(29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*). (See Exhibits)

(3) 52.222-43, Fair Labor Standards Act and Service Contract Act-Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(4) 52.222-44, Fair Labor Standards Act and Service Contract Act-Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, *et seq.*).

(5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41 U.S.C. 351, *et seq.*).

(6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41 U.S.C. 351, *et seq.*).

(7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247).

(8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEPT 2008) (31 U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record*. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause –

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (MAY 2004)(15 U.S.C. 637 (d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the sub-contractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) [Reserved.]

(iv) 52.222-26, Equal Opportunity (MAR 2007)(E.O. 11246);

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006)(38 U.S.C. 4212);

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998)(29 U.S.C. 793);

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- (vii) [Reserved]
 - (viii) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351, *et seq.*).
 - (ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.
 - (x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment – Requirements (NOV 2007) (41U.S.C. 351, *et seq.*).
 - (xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services – Requirements (FEB 2009) (41U.S.C. 351, *et seq.*).
 - (xii) 52.222-54, Employment Eligibility Verification (JAN 2009).
 - (xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clauses 52.226-6.
 - (xiv) 52.247-64, Preference for Privately Owned U.S.- Flag Commercial Vessels (FEB 2006)(46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.
- (2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

ADDENDA TO CONTRACT TERMS AND CONDITIONS

C3 INSPECTIONS / ACCEPTANCE (52.212-4(a)), the following is added:

C3.1 Scheduling Inspections

C 3.1.1 The Contracting Officer's Technical Representative (COTR) will schedule, in writing (email is acceptable), all initial inspections prior to the aircraft's delivery to the Government. Hours for inspection are 0730 to 1630 local time, Monday through Friday (Government holidays excluded) unless otherwise scheduled by the Government. The Contractor may request rescheduling of any inspection; such request must be in writing to the COTR and no later than 20 days prior to the date of the scheduled inspection. The COTR will attempt to accommodate the request, if it does not interfere with other scheduled inspections.

C3.1.2 The inspection will be conducted at the designated base or other location acceptable to the Government at a mutually agreed upon time and date subject to the following: The inspection shall commence not later than 24 days prior to the established date set for deployment, unless a later inspection is mutually agreed upon.

C3.1.3 Location and time of pilot evaluation flights may be the same as established for equipment inspections.

C3.2 Personnel

C3.2.1 The Contractor's Chief Pilot shall submit annually on Form AMD-64A **no later than August 15** each year, and in no case later than 24 days prior to the delivery date, completed pilot (and mechanic, if applicable) information forms for all personnel that may be utilized under the contract. Information from these forms will assist in evaluating the pilot's and mechanic's qualifications. Only those individuals whose experience/credentials comply with Section B3 of this Contract and whose past experience can be verified from log books, employment records, etc. will be considered for use on this contract. It is the Chief Pilot's responsibility to ensure offered personnel meet the contract's requirements. Concurrent with the Form AMD-64 submission, the Chief Pilot shall state in writing to the CO or his designated representative that all offered personnel records have been screened and comply with Section B3 of this contract.

NOTE

Submission by the Chief Pilot of non-qualified personnel to the government shall negatively impact the Past Performance Evaluation for the year in which the submission was submitted. The Contractor shall be assessed unavailability should the submission of non-qualified personnel cause delays to the approval process that ultimately effect the availability of the aircraft on the start date of the season.

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C3.2.2 Pilot flight performance evaluation shall be conducted when determined necessary by the COTR to further verify the pilot's ability to perform on this contract. The aircraft used for this evaluation will be the same make, model, and series as offered for this contract, shall be equipped with dual controls, and shall be provided by the Contractor for the evaluation flight(s) at the Contractor's expense. Location of the evaluation flight(s) may include access to terrain similar to that to be flown during the contract period. The determination as to the ability of the pilot, through an evaluation flight, to successfully meet the requirements of this contract, will rest solely with the Government.

C3.2.3 Upon determination that the proposed personnel meet all contract requirements, an Aviation Management Division (AMD) Pilot Qualification Card will be issued. The pilot qualification card shall be in the possession of the pilot and available for inspection at all times during the performance of this contract.

C3.3 Equipment

If the aircraft and supporting equipment meet all requirements of the contract, the COTR will issue an aircraft data card authorizing use of the aircraft. The aircraft data card must be clearly displayed in the aircraft's cockpit at all times during the contract period.

C3.4 Substitute Personnel or Equipment

C3.4.1 Inspection of substitute personnel or equipment shall be requested in writing by the Contractor not later than twenty (20) days prior to deployment to any location unless approved at the initial inspection. The Government will, at no cost to the Contractor, inspect substitute personnel and/or equipment on a basis of one additional inspection per quarter (after the first 60 calendar days).

C3.4.2 Notwithstanding the clause titled *Government-Furnished Office Space, Furnishings and Services*, transportation of substitute aircraft and/or personnel to any location will be at the Contractor's expense. When pilots are exchanged or replaced after the initial pilot approval, any training or familiarization flight time, up to three hours for each replacement pilot as deemed necessary by the Government, shall be accomplished at the Contractor's expense.

C3.5 Inspection Expenses

C3.5.1 The Contractor shall be responsible for all costs incurred per the following:

C3.5.1.1 Re-inspection of personnel or equipment that did not comply with contract specifications upon initial inspection.

C3.5.1.2 Inspection of substitute personnel or equipment, except as otherwise provided herein.

C3.5.2 Costs may include, but are not limited to, inspector(s) time, transportation, and subsistence computed as follows:

C3.5.2.1 Inspector time at \$75.00 per hour per inspector, for all re-inspection hours including travel time from Boise, Idaho.

C3.5.2.2 Transportation and Subsistence. Actual cost for required personnel.

C3.5.3 Re-inspection costs may be deducted from payments due the Contractor.

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C4 DESIGNATED BASES

C4.1.1 All equipment, facilities, and personnel required under this contract shall be delivered (report) to, and shall be removed (released) from McMurdo Station, Antarctica.

C4.1.2 Aircraft may be required to operate from bases other than those stipulated in the Schedule of Items at the discretion of the Government. Additional allowances specified elsewhere in Section C32 may apply under such circumstances.

C5 EXCLUSIVE USE PERIOD

C5.1 Aircraft furnished under this contract shall be subject to the exclusive use and control of the Government 24 hours per day, seven (7) days per week throughout the exclusive use period and any ordered period of use. The anticipated exclusive use period is set forth in CLINs 1-7. In the event the Government chooses to extend the exclusive use period beyond the anticipated period, payment shall be at the rates set forth in the schedule for additional days of availability.

C5.1.1 Release of aircraft for other use. The contract aircraft are for the exclusive use of the Government 24 hours per day, during the exclusive use period. However, the Government may not use the aircraft each day. At times that the Government may not require the aircraft, the Contractor is encouraged to utilize the aircraft for other uses as long as such use will not adversely impact performance of this contract. Accordingly, the Government will provide the Contractor with advance notice of potential days the aircraft will not be required. The Contractor may request and the Government may agree to release the aircraft for non-Government uses. When released, no payment for availability or flight hours will accrue for the period released.

C5.2 Availability

F5.2.1 Availability is the period of each day that the aircraft, crew, and all equipment are contractually compliant and available for service as scheduled by the Government.

C5.2.1 The Government will establish the availability period that will not exceed the maximum crew duty limitations as set forth below. The Government may order service beyond the basic twelve (12) hours, however, the total availability period will not exceed the maximum crew duty limitations as follows:

Pilots/Co-Pilots: Maximum of 14 hours per day
Mechanic: Maximum of 16 hours per day

C5.3 Schedule of Operations and Reaction Time

The Government will coordinate daily scheduled operations with the Contractor's designated on-ice representative. The Contractor shall provide availability of service, as directed by the Government, at the times specified in the daily flight schedule.

C5.3.1 Should an unscheduled event occur, flight crews shall initiate preflight preparations within 30 minutes of notification of that event.

C5.3.2 During weather delays, crews shall maintain continued communications with Government Representatives until conditions improve and flight resumes, until the conclusion of the duty day, or official release from duty as specified below.

C5.3.3 Release From Duty. The Contractor's personnel may be released and be considered off duty. Once released, they cannot be required to return to duty status that day. Service shall be recorded as available provided the Government has approved release of the Contractor's personnel in advance.

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C5.4 Mechanic Availability

A mechanic shall be available at the base of operations during the periods in which the aircraft is operating in performance of this contract. A mechanic shall be present to service and inspect the aircraft.

C5.4.1 Maintenance During Availability Period

The COTR may approve removal of the aircraft from service to permit the Contractor to perform scheduled or unscheduled maintenance. Approval to remove the aircraft from service shall be wholly discretionary by the Government. Availability shall continue to be measured and paid throughout periods approved for maintenance, PROVIDED:

C5.4.1.1 The Contractor requests permission to remove the aircraft from service well in advance of the maintenance.

C5.4.1.2 The Government, at its discretion, shall have the right to require the Contractor to resume service at any time within the period specified under the schedule of operations.

C5.4.1.3 The aircraft and crew are ready to take off within 60 minutes of any order to resume service.

C6 UNAVAILABILITY, DAMAGES, AND FAILURE TO PERFORM

C6.1 Unavailability

C6.1.1 Services shall be recorded as unavailable whenever the Contractor fails to comply with the requirements specified in this contract. Service will continue as unavailable, throughout the period scheduled above, until the failure is corrected, as determined by the Contracting Officer or their designated representative. .

C6.1.2 Service shall be recorded as unavailable whenever the aircraft is removed from service for use in inspecting pilots under C3. The Contractor shall notify the COR/COTR of the exact date and time the aircraft is requested to be removed from service. Service shall be recorded as unavailable throughout the entire period, including preparation for inspection and return to service.

C6.1.3 The Contractor shall notify the COR/COTR when the service is again available.

C7 MEASUREMENT, PAYMENT AND GUARANTEE

C7.1 Measurement of Daily Availability

Availability of service will be measured and recorded in days for the period service is ordered by the CO or COR and performed by the Contractor in accordance with contract specifications. The daily availability rate shall include all fixed and variable costs (depreciation, salaries, overhead, annual inspections, permanent shop facilities, etc.) incurred in providing continuous service, exclusive of those costs directly attributable to actual flight.

C7.2 Payment for Daily Availability

C7.2.1 Payment will be made for daily availability at the rates set forth in the Schedule of Items except that availability will be reduced for each hour or portion thereof service is listed as unavailable as follows:

SINGLE CREW: 1/14 per hour not to exceed 14/14 per day
DOUBLE CREW: 1/20 per hour not to exceed 20/20 per day

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C7.2.2 The Government will pay for daily availability for each airplane ordered during the exclusive use period from the date that the Contractor is required to deliver the airplane to the delivery point until it is released from service. Payment for daily availability shall not begin if the airplane is not properly prepared, as determined by the COTR.

NOTE

The Government shall notify the Contractor of the required actual aircraft delivery date not later than forty-five (45) calendar days prior to the time the aircraft are required at the delivery point.

ARRIVAL AT DELIVERY POINT: Upon arrival at the required delivery point, the Contractor shall ensure that the flight crews receive two days rest prior to beginning services as ordered. Availability will not be paid for the two days of rest. Contractor will be allocated one paid day of Availability per aircraft ordered for unloading and reconfiguration of the aircraft for Antarctic work upon arrival at the required delivery point.

RETURN TO HOME BASE: The Contractor shall prepare the aircraft for return shipment/redeployment. The Contractor will be permitted one day of availability per aircraft to prepare the aircraft for shipment/redeployment prior to its scheduled release time. The airplane shall be considered unavailable if not properly prepared for return shipment/redeployment as determined by the COTR. In the event the Contractor requests that an aircraft be removed from service in sequence that would exceed the allotted period per aircraft, daily availability payments will be suspended for the excess time.

C7.3 Measurement and Payment for Flight Time

C7.3.1 Flight time shall be defined and reported as the time from the moment an aircraft first moves under its own power for the purpose of taking off until the moment it comes to rest at the end of the flight

C7.3.2 Payment will be made at the rates set forth in the Schedule of Items for all flights ordered by the Government and flown by the Contractor.

C7.4 Flights for Contractor's Benefit

Payment will not be made for flights for the benefit of the Contractor, such as maintenance test flights, ferrying to and from maintenance facilities, training or familiarization flights (as described in Section C3.4.2), flights required following an engine change, or transportation of Contractor's support personnel.

C8 GOVERNMENT-FURNISHED PROPERTY

C8.1 Ownership and Control

C8.1.1 The Government will retain full ownership and control of all property furnished by the Government. Government-furnished property not consumed in performance shall be surrendered upon demand (i.e., during performance or end of the exclusive use period).

C8.1.2 The Contractor shall execute receipt of property documents for any property furnished by the Government.

C8.1.3 During the term of the contract, certain Government-owned equipment may be assigned to the Contractor. If the equipment is lost, damaged or totally destroyed as a result of the Contractor's negligence or as a result of any accident, the fair market value of the equipment will be charged to the Contractor and withheld from payments due under this contract.

C8.2 Government-Furnished Property\Equipment For Use

The Government will provide the following equipment for use by the Contractor while deployed to Antarctica. However, notwithstanding the clause **52.245-01 Government Furnished Property**, the Contractor shall not be Contract D12PC00113 Rate Adjustment 2015

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responsible for its maintenance. The Government will not provide any equipment for the performance of work in the Arctic Polar Regions.

C8.2.1 Common ground servicing equipment; e.g., ladders, work stands, and other general, non-powered equipment,

C8.2.2 Heated spare parts storage at McMurdo Station and South Pole.

C8.2.3 Fueling equipment (except as otherwise identified herein)

C8.2.4 Heaters (Herman-Nelson)

C8.2.5 Auxiliary Power Units

C8.3 Government-Furnished Property\Equipment For Installation

The Government may provide scientific equipment for installation in the Contractor's airplanes to partially satisfy the requirement set forth at Table B5.7.1.4. If approved by the government, the Contractor may temporarily remove this equipment, however, the Contractor is responsible for all cost associated with removal and reinstallation, as well as re-certifying this equipment prior to its reinstallation. The Contractor is also responsible for maintenance and care of this equipment at all times (even while temporarily removed) as required by the clause **52.245-01 Government Furnished Property**.

C9 GOVERNMENT-FURNISHED OFFICE SPACE, FURNISHINGS AND SERVICES

C9.1 Government-Furnished For Antarctica

The Government will furnish at no cost to the Contractor:

C9.1.1 Deploy/Redeployment Transportation

C9.1.1.1 Air transportation (one time) from Pt. Hueneme, CA to Government sites in Antarctica for replacement and/or other equipment and materials not deployed via the Contractor's aircraft

C9.1.1.2 Either surface or air transportation between Government sites in Antarctica and the Pt. Hueneme, CA for equipment and materials not demobilized by the Contractor's aircraft

C9.1.2 Facilities as necessary for personnel assigned to work under this contract in Antarctica

C9.1.2.1 Office Facilities

C9.1.2.1.1 Office space (including maintenance and housekeeping)

C9.1.2.1.2 Utilities, including telephone service

C9.1.2.1.3 General-purpose office equipment and office furniture

C9.1.2.2 Maintenance Facilities

C9.1.2.3 Lodging

C9.1.2.3.1 Food and lodging (double occupancy) for the Contractor's personnel while performing work in Antarctica

C9.1.2.4 Services

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C9.1.2.4.1 Meteorology

C9.1.2.4.2 Air traffic control

C9.1.2.4.3 Waste disposal and spill clean-up

C9.1.2.4.4 Access to the USAP Medical Clinics

C9.1.2.4.5 Oxygen shall be available to flight crews at South Pole Station upon request, unless not available due to higher priority medical requirements.

C9.1.2.5 Vehicle: the Government shall provide, from a pool of vehicles, a vehicle to be used to transport Contractor staff to and from McMurdo and airfields

C9.1.3 Personal Gear

C9.1.3.1 Extreme cold weather gear for use in Antarctica (other than that required elsewhere by this contract)

C9.1.3.2 Other items required per the USAP Personnel Manual, such as sunglasses and personal toiletry items, are the responsibility of the Contractor.

C9.1.4 Airport facilities: The Government shall provide office space to include work desk, phone, and computer with internet and storage area for reference manuals. Space will be provided for Do Not Freeze (DNF) and hazmat items. Maintenance facilities shall be provided to the Contractor while in McMurdo.

C9.2 Government-Furnished For Arctic

For work in the Arctic, any transportation, facilities, lodging, services or personal gear provided by the Government will be identified on each order; however, the Contractor shall be prepared to provide their own services for Arctic work.

C10 AFTER-OPERATIONS REPORT

The Contractor shall annually prepare and furnish copies of an After-Operations Report, detailing for the period from each March through the following February:

- (a) status of all major events and activities identified in this contract, and other correspondence from the CO;
- (b) a summary of all NSF-approved changes to the contract since the beginning of the contract;
- (c) a concise summary of all work performed during the reporting period, including
 1. flight hours by airplane by day, segregated by location (i.e., Arctic or Antarctic);
 2. days of no flight or partial flight, with explanation as to why (e.g., weather; maintenance; etc)
 3. days detached to other sites (e.g., deployed to CTAM; WAIS; etc), inclusive of data per items 1 and 2 above
 4. and any problems encountered;
- (d) a summary of all unscheduled heavy maintenance performed on aircraft used in the performance of the contract;
- (e) a summary and detail of any and all aircraft Incidents or Mishaps;
- (f) a financial report for the period;
- (g) a cumulative financial report for the contract; and
- (h) future plans and actions required of the Government.

The After Operations Report shall be submitted to the NSF NLT 1 May following the conclusion of each season.

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C11 CONTRACTOR DATA REQUIREMENTS

C11.1 Contractor-Provided Data

The Contractor shall provide the Government the following data at the intervals indicated:

C11.1.x	Description	Interval	Contract Ref	Notes
1	List of installed items required to be overhauled or replaced on a specified time basis	Prior to initial aircraft inspection	B6.5.3	(3)
2	List of FAA ADs and required MMSBs on the make and model of aircraft offered	Upon request	B6.6	(3)
3	Contractor's 14 CFR 135.21 procedures manual	Upon request	B6.8.3	(3)(7)(8)
4	Report concerning allowable exceptions to the prohibited acts described at Section B8.2	W/in five calendar days of event	B8.3.4	(1)
5	Report concerning allowable exception to the prohibited acts described at Section B9.2	W/in five calendar days of event	B9.3.2	(1)
6	Prior approval to use or release designated pollutants in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
7	Prior approval to use or release waste in Antarctica	120 calendar days prior to desired approval	B9.4	(1)
8	Form AMD-64A – <i>Airplane Pilot Qualifications and Approval</i>	Annually; No later than August 15	C3.2.1	(2)(3)
9	After-Operations Report	Annually, NLT 1 May	C10	(5)(6)(11)
10	Copies of reports submitted to the FAA or other civil aviation authorities	Simultaneously with original submission	C17.1	(3)
11	Information needed to complete NTSB Form 6120.1/2	W/in one calendar day of event	C18.3.1	(9)
12	Form AMD-34 or FS 5700-14, <i>SafeCom</i>	W/in five calendar days of event	C18.3.2	(9)
13	Aircraft Use Report - Aviation Management System	Bi-weekly	C20	(1)
14	Security investigation form(s)	W/in seven working days of receipt	C22	(1)
15	Medical and dental examination forms	Upon completion	C23	(10)

Note (1): Submit as described per contract reference.

Note (2): No later than 14 days prior to delivery of airplanes to the delivery point.

Note (3): Submit to the COTR per AMD appointment.

Note (4): Reserved for future use.

Note (5): Submit NLT 1 May, 2011 and annually thereafter.

Note (6): Submit three copies each to the CO. Copies may be electronic.

Note (7): Submit revisions as they are published.

Note (8): Submit to NSF Program Manager.

Note (9): Submit to AMD Aviation Safety Manager (ASM) with copy to NSF/OPP Health and Safety Officer.

Note (10): Submit as described therein.

Note (11): Contractor shall not use, release to others, reproduce, distribute or publish this without the CO's written authorization per the authority of the clause titled *Rights in Data – General*, Paragraph (d)(1).

C11.2 Addresses For Submission

Data shall be submitted as directed to the following addresses:

C11.2.1 DOI/AQD Contracting Officer:

Interior Business Center, Acquisitions Services Directorate
300 E. Mallard Dr., Ste. 200
Boise, ID 83706-3991

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ATTN: Michael Willis, Contracting Officer

C11.2.2 OAS Aviation Safety Manager:

National Business Center, Aviation Management Directorate
300 E. Mallard Dr., Ste. 200
Boise, ID 83706-3991
ATTN: Keith Raley, Aviation Safety Manager

C11.2.3 NSF Program Office:

National Science Foundation
Office of Polar Programs
4201 Wilson Boulevard, Room 755.17
Arlington, VA 22230
ATTN: Michael Scheuermann, Program Manager

C12 FAR CLAUSES INCORPORATED BY REFERENCE

NOTICE LISTING CLAUSES INCORPORATED BY REFERENCE

Federal Acquisition Regulations (48 CFR Chapter 1) Clauses

52.245-01	GOVERNMENT FURNISHED PROPERTY	AUG 2010
52.242-17	GOVERNMENT DELAY OF WORK	APR 1984

C13 CONTRACTS

C13.1 One conformed copy of the contract will be furnished to the Contractor.

C13.2 The Contractor shall maintain a copy of the contract and all modifications at its base of operations throughout the contract's term.

C14 AUTHORITY OF GOVERNMENT PERSONNEL

(a) The CO is the only individual authorized to enter into or terminate this contract, modify any term or condition of this contract, waive any requirement of this contract, or accept nonconforming work.

(b) The CO will designate a Contracting Officer's Representative (COR) at time of award. The COTR will be the CO's designated representative and shall be responsible for technical monitoring of the Contractor's performance and deliveries. The COR will be appointed in writing, and a copy of the appointment will be furnished to the Contractor. Changes to this delegation will be made by written changes to the existing appointment or by issuance of a new appointment. The COR for this contract will be:

Mr. Andrew Barry
Office of Aviation Services
300 E. Mallard Dr. Ste 200
Boise, ID 83706
Phone: (208) 433-5080
Fax: (208) 433-5085

(c) The COR is not authorized to perform, formally or informally, any of the following actions:

Contract D12PC00113 Rate Adjustment 2015
NSF – Fixed Wing

SECTION C - TERMS AND CONDITIONS

- 1) Promise, award, agree to award, or execute any contract, contract modification, or notice of intent that changes or may change this contract;
- 2) Waive or agree to modification of the delivery schedule;
- 3) Make any final decision on any contract matter subject to the Disputes Clause;
- 4) Terminate, for any reason, the Contractor's right to proceed;
- 5) Obligate in any way, the payment of money by the Government.

(d) The Contractor shall comply with the written or oral direction of the CO or authorized representative(s) acting within the scope and authority of the appointment memorandum. The Contractor need not proceed with direction that it considers to have been issued without proper authority. The Contractor shall notify the CO in writing (email is acceptable), with as much detail as possible, when it is perceived the COR has taken an action or has issued direction (written or oral) that the Contractor considers to exceed the COR's appointment, within 2 days of the occurrence. Unless otherwise provided in this contract, the Contractor assumes all costs, risks, liabilities, and consequences of performing any work it is directed to perform that falls within any of the categories defined in paragraph (c) prior to receipt of the CO's response issued under paragraph (e) of this clause.

(e) The CO shall respond in writing within 30 days to any notice made under paragraph (d) of this clause. A failure of the parties to agree upon the nature of a direction, or upon the contract action to be taken with respect thereto, shall be subject to the provisions of the Disputes clause of this contract.

(f) The Contractor shall provide copies of all correspondence to the CO and the COR.

(g) Any action(s) taken by the Contractor, in response to any direction given by any person acting on behalf of the Government or any Government official other than the CO or the COR acting within his or her appointment, shall be at the Contractor's risk.

C15 CONTRACTOR'S ON-SITE STATION SUPERVISOR

For work performed in Antarctica or other locations designated by the Government, the Contractor shall designate an on-site manager, with full authority to receive instruction and act on the firm's behalf. The Contractor shall provide this designation to the CO no later than 1 October 2011 and/or upon change of delegation. This authority need not include the authority to bind the firm contractually. However, the individual shall have knowledge of the duties and responsibilities of the Government personnel identified herein. This individual shall be a working manager whose collateral duties may involve flying (i.e. currency requirements, replacement of medically down pilot, etc), however not as their primary role and shall be available to manage issues promptly and effectively. In addition, the Contractor shall designate an alternate on-site manager to function in the place of the on-site manager in his/her absence. The on-site manager or his/her alternate shall supervise the execution of the fixed wing flight schedule, be available and off of the daily flight schedule at all times when the Contractor's employees are working in Antarctica. Contractor will arrange for a dedicated On Site Station Supervisor for time periods when more than three (3) Twin Otters and one (1) Basler aircraft are deployed in Antarctica under this contract.

C16 CHOICE OF LAW

This contract shall be construed and interpreted in accordance with the substantive laws of the United States of America. By the execution of this contract, the Contractor expressly agrees to waive any rights to invoke the jurisdiction of local national courts where this contract is performed and agrees to accept the exclusive jurisdiction of the Interior Board of Contract Appeals and the United States Court of Federal Claims for the hearing and determination of any and all disputes that may arise under the Disputes clause of this contract. Furthermore, the Contractor expressly agrees to recognize the jurisdiction and authority of the U.S. National Transportation Safety Board, its agents and its employees in the conduct of investigations determined to be necessary by the Board as a consequence providing flight services under this contract.

SECTION C - TERMS AND CONDITIONS

C17 SAFETY AND ACCIDENT PREVENTION

C17.1 FAA Reporting Requirements

The Contractor shall furnish to the CO a copy of all reports required to be submitted to the FAA by the Federal Aviation Regulations, or other civil aviation authority, in accordance with 14 CFR that relate to pilot and maintenance personnel performance, aircraft airworthiness or operations.

C17.1.1 Examples of these reports are paragraphs 14 CFR Part 135.415 Mechanical Reliability Reports and Part 135.417 Mechanical Interruption Summary Reports required of the Federal Aviation Regulations, 49 CFR Part 830, and FAA Form 8010-4, Malfunction or Defect Report.

C17.2 Determination of Compliance

Following the occurrence of a mishap, the CO will evaluate whether noncompliance or violation of provisions of the contract, the Federal Aviation Regulations applicable to the Contractor's operations, company policy, procedures, practices, programs, and/or negligence on the part of the company officers or employees may have caused or contributed to the mishap. The Contractor shall fully cooperate with the CO in the fulfillment of this clause.

C17.3 Safety Programs

The Contractor shall keep and maintain programs necessary to assure safety of ground and flight operations. The development and maintenance of these programs are a material part of the performance of the contract.

C17.3.1 Examples of such programs are:

- Personnel activities
- Maintenance
- Safety
- Compliance with regulations

C18 MISHAPS

C18.1 Definitions

As used throughout this contract, the following terms shall have the meaning set forth below:

C18.1.1 *Aircraft Accident* means an occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage. For purposes of this part, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined herein.

C18.1.2 *Airspace Conflict* means a near mid-air collision, intrusion, or violation of airspace rules.

C18.1.3 *Aviation Hazard* means any condition, act, or set of circumstances that exposes an individual to unnecessary risk or harm during aviation operations.

C18.1.4 *Fatal Injury* means any injury which results in death within 30 days of the accident.

C18.1.5 *Incident* means an occurrence other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operations.

SECTION C - TERMS AND CONDITIONS

C18.1.6 *Incident with Potential* means an incident that narrowly misses being an accident and in which the circumstances indicate significant potential for substantial damage or serious injury. Classification of an incident as an "Incident with Potential" is determined by the agency Aviation Safety Officer (ASO.)

C18.1.7 *Maintenance Deficiency* means an equipment defect or failure which affects or could affect the safety of operations, or that causes an interruption to the services being performed.

C18.1.8 *Operator* means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

C18.1.9 *SafeCom* means an agency Aviation Safety Communiqué used to report any condition, observance, act, maintenance problem, or circumstance that has potential to cause an aviation related accident (Form AMD-34 or FS 5700-14).

C18.1.10 *Serious Injury* means any injury which: (1) Requires hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

C18.1.11 *Substantial Damage* means damage or failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component. Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

C18.2 Mishap Reporting

C18.2.1 The Contractor shall immediately, and by the most expeditious means available, notify the National Transportation Safety Board (NTSB), the civil aviation authority in the country that the aircraft are certificated, the Office of Aircraft Service's Aviation Safety Officer (ASO), and the NSF's Safety and Health Officer (S&HO) when an "Aircraft Accident" or NTSB reportable "Incident" occurs.

C18.2.2 The ASO and S&HO shall immediately be notified when an "Incident with Potential" occurs.

C18.2.3 The toll free 24-hour Interagency Aircraft Accident Reporting Hot Line number is: 1-888-4MISHAP (1-888-464-7427). The NSF's S&HO, Mr. James Karcher, is available at 1-703-292-7477. Cell is 703-819-0283.

C18.3 Forms Submission

C18.3.1 Following an "Aircraft Accident" or when requested by the NTSB following the notification of a reportable "Incident," the Contractor will provide the ASO with information necessary to complete a NTSB Form 6120.1/2. A copy of this information shall be submitted to the S&HO.

C18.3.2 The NTSB Form 6120.1/2 does not replace the Contractor's responsibility, within 5 days of an event, to submit to the agency ASO a "SafeCom" to report any condition, observance, act, maintenance problem, or circumstance which has potential to cause an aviation-related mishap. Submission via the internet at <http://nbc.amd.gov> is preferred. Blank SafeComs can be obtained from agency ASMs. A copy of this information shall be submitted to the S&HO.

C18.4 Pilot Suspension

C18.4.1 Upon classification of a mishap as an "Aircraft Accident" by the NTSB, a pilot operating under this contract will be suspended by the DOI Investigator in Charge (IIC) from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot.

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C18.4.2 Upon classification of an incident as an "Incident with Potential" by the AMD ASM, a pilot operating under this contract may be suspended by the DOI IIC from performing pilot duties under this contract and any other activity authorized under the Interagency Pilot Qualification Card issued to the pilot. The AMD ASM may take suspension action if an immediate safety concern is indicated.

C18.4.2 Whenever the pilot is suspended by the DOI IIC, the pilot Qualification Card shall be surrendered to the DOI IIC. Suspension will continue until:

C18.4.3.1 Rescinded by the CO or designated technical representative, or

C18.4.3.2 Revocation action is taken by AMD in accordance with procedures contained in Interior Departmental Manual 351 DM 3. A copy of these procedures is available from AMD upon request.

C18.5 Preservation Requirements

C18.5.1 The Contractor shall not permit removal or alteration of the aircraft, aircraft equipment or records following an Aircraft Accident, Incident, or Incident with Potential, until authorized to do so by the CO or other authorized agency representative. Exceptions are when threat to life or property exists; the aircraft is blocking an airport runway, etc. The CO or COTR shall be immediately notified when such actions take place.

C18.5.2 The NTSB's or other civil aviation authorities' release of the wreckage does not constitute a release by the CO.

C18.6 Mishap Investigations

The Contractor shall maintain an accurate record of all aircraft accidents, incidents, aviation hazards and injuries to Contractor or Government personnel arising in the course of performance under this contract. Further, the Contractor fully agrees to cooperate with the Government during an investigation. This includes, but is not limited to: (1) making personnel available for interviews by Government investigators; (2) making personnel available for sampling of blood and other bodily fluids for analysis; and (3) making personnel records, aircraft records, and any equipment, damaged or undamaged, deemed necessary by the agency available for inspection. Non-compliance is cause for contract termination.

C18.7 Costs Related to Investigation

The Government will be responsible for any costs, including necessary transportation, associated with the disassembly of the aircraft or any of its components deemed necessary by the AMD and/or other Investigators-In-Charge. The Contractor will be fully responsible for any cost associated with the reassembly, approval for return-to-service, and return transportation of any items disassembled by the Government.

C18.8 Rescue and Salvage Responsibilities

The cost of search, rescue and salvage operations made necessary due to causes other than negligent acts of a Government employee shall be the responsibility of the Contractor.

C19 REPLACEMENT OF PERSONNEL - CONTRACTOR PERSONNEL CONDUCT

C19.1 Contractor Personnel

The Contractor shall be responsible for the furnishing of personnel fully qualified to perform the services as provided for in this contract. As a designated representative of the Contractor, Contractor personnel are expected to perform and act in a professional manner at all times. The Contractor shall be fully responsible for the actions of Contractor employees during the performance term of this contract. NSF has a zero tolerance for fisticuffs or other

SECTION C - TERMS AND CONDITIONS

pugilistic actions; such behavior will result in immediate removal of involved personnel from the ice, with concomitant replacement of such personnel at the Contractor's expense.

C19.2 Rules of Conduct

Performance of contract services will involve work and/or residence on Federal and other national Antarctic program facilities. Contractor employees are expected to follow the rules of conduct established by the manager of such facilities that apply to all (both Government or non-Government) personnel working or residing on such facilities.

C19.3 Replacement of Personnel

The Contractor's employees are an integral element of the project for which the aircraft was acquired. As a team member, cooperation, within the scope of this contract, is essential to the successful completion of the effort. Personnel who perform ineffectively, refuse to cooperate in the fulfillment of the project objectives, are unable or unwilling to adapt to communal and/or field living conditions, or whose general performance is unsatisfactory or otherwise disruptive, shall be replaced by the Contractor. Pilots who fly recklessly or fail to follow safe operating practices shall be replaced by the Contractor. The Government has sole discretion as to when replacement of Contractor personnel is warranted. When conditions warrant, the Government may request immediate removal of Contractor personnel from performance under the contract. When immediate removal of the Contractor's personnel is required by the Government, the Contractor shall immediately direct the identified personnel to leave the facilities. Failure of the Contractor to fulfill their crew requirements as a result of the removal of personnel from the contract will result in the aircraft being unavailable.

C19.4 Unsatisfactory / Unsafe Performance

The Contractor shall be notified by the CO, or designated representative, of all unsatisfactory conduct or performance, stating the conditions of unsatisfactory or unsafe performance by his personnel. An opportunity for corrective action may be afforded when the conditions warrant. When directed by the CO, the Contractor shall replace unacceptable personnel in a time period as mutually agreed upon.

C19.5 Determination of Unacceptability

The decision as to unacceptability shall be at the sole discretion of the CO. Failure to replace a Contractor employee based upon the conditions set forth herein, may also constitute a basis for Termination for Cause.

C20 BILLING AND PAYMENT REQUIREMENTS

C20.1 Designated Agency Office and Payment Office

C20.1.1 The office identified in Block 18a of the SF 1449 is the office designated by the contract to issue payments. It is the Contractor's responsibility to submit invoices as identified below.

C20.1.2 The Contractor may submit invoices every two weeks starting the first day services begin. Services provided must be shown on a daily basis.

C20.1.3 Invoicing and the issuance of payments will be accomplished through a DOI Government provided electronic payment system, the Aviation Management System (AMS). The Contractor will be required to enter/confirm electronic data on a web-based application with payment submission on intervals as stated above. The Government will provide advance information concerning the details of the system.

SECTION C - TERMS AND CONDITIONS

C20.2 Guarantee

It is the Contractor's responsibility to compute and submit a properly detailed "Aircraft Use Report" in the Aviation Management System (AMS) for any guarantee due under the contract.

C20.3 Improper Invoices

The Contractor will be notified in accordance with the provisions of the Prompt Payment Act if the invoice (Aircraft Use Report in AMS) is not properly completed. If the invoice is determined to be improper, the payment due date will then be computed from the date of receipt by the designated billing office of the properly completed Aircraft Use Report.

C20.4 Disputed Payments

Claims for payment of supplies or services that involve disagreements between the Government and the Contractor about quantity, quality, or Contractor compliance with contract requirements, must be submitted separately and will be processed in accordance with the Disputes clause 52.212-4 (d).

C21 HOLIDAYS AND LEAVE

General administrative or holiday leave (as observed locally) may be granted by the NSF Director, by the Office of Personnel Management, by the Senior U.S. Representative in Antarctica, or other local Government authority due to inclement weather or other compelling reason. Any such leave will also apply to Contractor personnel assigned to work at an NSF site.

C22 PERSONNEL SECURITY REQUIREMENTS

C22.1 NSF Security Requirement

If required by NSF, each position under this contract will be assigned a position sensitivity level based upon the criteria in Chapter IX, National Science Foundation (NSF) Personnel Manual No. 14.

The position sensitivity level will be determined by the NSF personnel Security Officer.

For each position classified as sensitive, the Contractor shall be provided appropriate security investigation forms by the NSF Personnel Security Officer and shall be responsible for furnishing them to the employee occupying, or proposed to occupy, the position under this contract. The employee must complete the forms and deliver them in person within seven (7) days from the date the forms are furnished to the Contractor to:

National Science Foundation
Head, Personnel Processing Services Center
Division of Human Resource Management
Room 315
4201 Wilson Boulevard
Arlington, VA 22230

Failure to return the completed security investigation forms in person within seven (7) working days shall be cause for making a determination that the employee may not perform, or continue to perform, in the case of contracts in effect at the date of issuance of this requirement, in any sensitive capacity under the contract, whether on-site or off-site. The employee may be eligible for reinstatement to the contract if the completed forms are submitted after the seven-day period, at the discretion of the NSF Personnel Security Officer.

Cost for conducting the required personnel investigation will be paid by NSF. Investigations will be conducted in accordance with Office of Personnel Management minimum investigative requirements.

SECTION C - TERMS AND CONDITIONS

If an investigation report contains information that is deemed significant or derogatory, a determination will be made with regard to the Employee's eligibility to serve in the subject position by the NSF Personnel Security Officer, pending adjudication or other disposition of the case.

The Contractor is required to insert terms that conform substantially to the language of this clause, including this paragraph, in all subcontracts under this contract.

C22.2 Contractor Personnel Security Requirements

C22.2.1 It has been determined that Contractor personnel utilized in the support of this contract will not be allowed routine and regular unsupervised access to a federally controlled facility for more than 180 days, nor will they need unsupervised access to a Federally controlled Level 3 or 4 information system.

C22.2.2 Contractor employees utilized in support of this contract will be treated as visitors (uncredentialed Contractor) and not be required to receive background investigations and credentialing. However, uncredentialed Contractors may be subject to the screening processes utilized at each federally controlled facility where the Contractor services are required. At a minimum, Contractor employees will be issued a temporary/visitor badge and shall display it at all times during contract performance when accessing a federally controlled facility. The COTR is responsible for ensuring that all Contractor employees are issued a temporary/visitor badge.

C22.3 Information Technology Security

C22.3.1 The Contractor is required to take Information Security Awareness Training prior to deployment to Antarctica each year. See Section C Exhibits.

C22.3.2 The Contractor shall comply with all information technology requirements for connecting personal computers to the USAP networks. See Section C Exhibits.

C23 MEDICAL AND DENTAL QUALIFICATION OF CONTRACTOR PERSONNEL

In addition to any other medical or dental requirements established by this contract, persons traveling to Antarctica are subject to medical evaluation to determine whether the individual is physically qualified for deployment to Antarctica (see 45 CFR 675). Medical and dental criteria are enumerated in the Medical Screening Guidelines for the United States Antarctic Program (1998). Deployment of Contractor personnel to Antarctica is contingent upon medical and dental qualification (see Section C Exhibits for USAP medical and dental examination forms).

C24 CONTRACT PERIOD

The contract period will be from date of award through August 31, 2012, unless otherwise extended as allowed herein. The start date is based on the assumption that the Contractor will receive notification of contract award at least 120 days before the start date. If notice of award is not received at least 120 days in advance of the start date, the exclusive use period will start 120 calendar days after notice of award is received. With the written concurrence of both parties, service may begin prior to that date.

The contract period for option years are as follows:

Year 2: September 1, 2012 through August 31, 2013

Year 3: September 1, 2013 through August 31, 2014

Year 4: September 1, 2014 through August 31, 2015

Year 5: September 1, 2015 through August 31, 2016

SECTION C - TERMS AND CONDITIONS

C25 OPTION TO EXTEND THE TERM OF THE CONTRACT (48 CFR 52.217-9, Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor at least 30 days prior to expiration of the contract.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) Options exercised prior to the availability of funds for a new fiscal year are subject to FAR 52.232-18 Availability of Funds, which is incorporated by reference.

(d) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 66 months (5.5 years).

C26 OPTION TO EXTEND SERVICES (48 CFR 52.217-8, Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. This option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The CO may exercise the option by written notice to the Contractor prior to the expiration of the contract.

C27 UNILATERAL EXTENSION OF EXCLUSIVE USE PERIOD

The Government may order additional days of service under the contract on a day-to-day basis, either prior to the established starting date or subsequent to the ending date. The contract terms, conditions, specifications and prices will apply to such extension.

C28 AVAILABILITY OF FUNDS

Funds are not presently available for any award term periods earned. The Government's obligation under this contract concerning award term periods earned is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the CO for the award term periods and until the Contractor receives notice of such availability, to be confirmed in writing by the CO.

C29 INCREMENTALLY-FUNDED FIXED-PRICE CONTRACT

As identified by the clause titled *Limitation of Government's Obligation*, this is an incrementally funded, fixed-price contract. Upon receipt of the Contractor's notice under paragraph (c) of the clause titled *Limitation of Government's Obligation*, the CO shall promptly provide written notice to the Contractor that the Government is:

- Allotting additional funds in a specified amount for continued performance;
- Terminating the contract; or
- Considering whether to allot additional funds; and (i) the Contractor is entitled to stop work in accordance with paragraph (b) of the clause; and (ii) any costs expended beyond the amount specified in the modification as the limitation of the Government's obligation are incurred at the Contractor's risk.

Should the Government determine that the contract will receive no further funds, the CO shall promptly give notice of the Government's decision and terminate for the convenience of the Government.

SECTION C - TERMS AND CONDITIONS

C30 LIMITATION OF GOVERNMENT'S OBLIGATION (AUGUST 1993)

- (a) All CLINs are incrementally funded. For these item(s), the sum of \$1 of the total price is presently available for payment and allotted to this contract. An allotment schedule is set forth in paragraph (i) of this clause.
- (b) For item(s) identified in paragraph (a) of this clause, the Contractor agrees to perform up to the point at which the total amount payable by the Government, including reimbursement in the event of termination of those item(s) for the Government's convenience, approximates the total amount currently allotted to the contract. The Contractor will not be obligated to continue work on those item(s) beyond that point. The Government will not be obligated in any event to reimburse the Contractor in excess of the amount allotted to the contract for those item(s) regardless of anything to the contrary in the clause entitled "Termination for Convenience of the Government." As used in this clause, the total amount payable by the Government in the event of termination of applicable contract line item(s) for convenience includes costs, profit, and estimated termination settlement costs for those item(s).
- (c) Notwithstanding the dates specified in the allotment schedule in paragraph (i) of this clause, the Contractor will notify the CO in writing at least ninety days prior to the date when, in the Contractor's best judgment, the work will reach the point at which the total amount payable by the Government, including any cost for termination for convenience, will approximate 85 percent of the total amount then allotted to the contract for performance of the applicable item(s). The notification will state (1) the estimated date when that point will be reached and (2) an estimate of additional funding, if any, needed to continue performance of applicable line items up to the next scheduled date for allotment of funds identified in paragraph (i) of this clause, or to a mutually agreed upon substitute date. The notification will also advise the CO of the estimated amount of additional funds that will be required for the timely performance of the item(s) funded pursuant to this clause, for a subsequent period as may be specified in the allotment schedule in paragraph (i) of this clause or otherwise agreed to by the parties. If after such notification additional funds are not allotted by the date identified in the Contractor's notification, or by an agreed substitute date, the CO will terminate any item(s) for which additional funds have not been allotted, pursuant to the clause of this contract entitled "Termination for Convenience of the Government."
- (d) When additional funds are allotted for continued performance of the contract line item(s) identified in paragraph (a) of this clause, the parties will agree as to the period of contract performance which will be covered by the funds. The provisions of paragraphs (b) through (d) of this clause will apply in like manner to the additional allotted funds and agreed substitute date, and the contract will be modified accordingly.
- (e) If, solely by reason of failure of the Government to allot additional funds, by the dates indicated below, in amounts sufficient for timely performance of the contract line item(s) identified in paragraph (a) of this clause, the Contractor incurs additional costs or is delayed in the performance of the work under this contract and if additional funds are allotted, an equitable adjustment will be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the item(s), or in the time of delivery, or both. Failure to agree to any such equitable adjustment hereunder will be a dispute concerning a question of fact within the meaning of the clause entitled "Disputes."
- (f) The Government may at any time prior to termination allot additional funds for the performance of the contract line item(s) identified in paragraph (a) of this clause.
- (g) The termination provisions of this clause do not limit the rights of the Government under the clause entitled "Default." The provisions of this clause are limited to the work and allotment of funds for the contract line item(s) set forth in paragraph (a) of this clause. This clause no longer applies once the contract is fully funded except with regard to the rights or obligations of the parties concerning equitable adjustments negotiated under paragraphs (d) and (e) of this clause.
- (h) Nothing in this clause affects the right of the Government to terminate this contract pursuant to the clause of this contract entitled "Termination for Convenience of the Government."

SECTION C - TERMS AND CONDITIONS

- (i) The parties contemplate that the Government will allot funds to this contract in accordance with the following schedule:

On execution of contract	\$1
October 15, 2011	\$TBD
October 15, 2012	\$TBD
October 15, 2013	\$TBD
October 15, 2014	\$TBD
October 15, 2015	\$TBD

C31 INSURANCE AND ECONOMIC PRICE ADJUSTMENT

C31.1 AIRCRAFT INSURANCE

The Contractor must maintain as a minimum, aircraft insurance coverage required by 14 CFR, Part 205, during contract performance.

C31.2 ECONOMIC PRICE ADJUSTMENT

(b) (4)

C32 ADDITIONAL PAY ITEMS

Claims for additional pay items addressed herein must be documented on the invoice for payment and supported by invoice(s) and/or document(s), as required below. The Government will not pay claims submitted with incomplete or missing supporting documentation.

C32.1 Subsistence Allowance. A claim for a subsistence allowance (lodging and/or meals) may be made for each authorized crewmember's overnight stay, including mandatory days off, when assigned to a base away from the designated base subject to the following:

C32.1.1 The Government, at its option, may provide meals and/or lodging (which may be remote field or camp accommodations).

C32.1.1.1 No additional amount(s) shall be paid for lodging taxes, occupancy sales tax, city tax, or such taxes or other costs that may be imposed by lodging facilities at any location. No additional amount shall be paid for lodging amounts that exceed the FTR applicable standard or high rates.

NOTE: Any invoice that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to re-submit payment for the appropriate FTR specified rate.

NOTE: Any invoice submission that includes amounts in excess of the FTR specified locality rates will be rejected for payment. The Contractor will be required to resubmit at the FTR allowable rate for the overnight area.

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C32.1.1.2 No lodging receipts are required to support the subsistence claim.

C32.1.2 If the Contractor does not use Government provided meals and/or lodging, the Government will not pay for Contractor costs incurred for travel to alternate meal or lodging locations.

C32.1.3 Unless the Government makes three meals available to the Contractor's employees, the applicable FTR total rate for meals and incidental expenses will be paid.

C32.1.4 If partial subsistence, either three meals or lodging, is provided by the Government, the Contractor will be paid at current FTR rates for the portion that is Contractor provided. Lodging will be handled as stated above. Current rates established by the FTR are:

STANDARD

Meals and Incidental Expense: (b) (4)

Lodging: (b) (4)

Total: (b) (4)

HIGH RATE

For current FTR per diem rates see Internet site <http://www.gsa.gov/portal/category/21287>.

C32.1.5 Miscellaneous Contractor Costs. Miscellaneous unforeseeable costs that cannot be recovered through the contract payment rates and that are the direct result of ordered services away from the designated base may be paid at actual costs, when authorized in advance by the COR. Examples of such items are airport use costs (tie-downs) and truck permits at ports-of-entry, etc.. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.6 Landing Fees. The Government will pay the Contractor for all landing fees the Contractor is required to pay. The Contractor must support any cost exceeding \$75.00 with an itemized, paid invoice.

C32.1.7 Government Miscellaneous Charges

The Government will deduct payment for miscellaneous charges for goods or services furnished to the Contractor.

C32.3 Airframe Modifications

The contractor shall be reimbursed for the completion of all airframe modifications directed by the Government. All aircraft modifications performed under this contract shall be approved in advance by written modification to the contract.

C33 NOTICE OF CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (July 2010)

(a) FAR 42.1502 directs all Federal agencies to collect past performance information on contracts. The Department of the Interior (DOI) has implemented the Contractor Performance Assessment Reporting System (CPARS) to comply with this regulation. One or more past performance evaluations will be conducted in order to record your contract performance as required by FAR 42.15.

(b) The past performance evaluation process is a totally paperless process using CPARS. CPARS is a web-based system that allows for electronic processing of the performance evaluation report. Once the report is processed, it is available in the Past Performance Information Retrieval System (PPIRS) for Government use in evaluating past performance as part of a source selection action.

(c) We request that you furnish the Contracting Officer with the name, position title, phone number, and email address for each person designated to have access to your firm's past performance evaluation(s) for the contract no later than **30 days after award**. Each person granted access will have the ability to provide comments

SECTION C - TERMS AND CONDITIONS

in the Contractor portion of the report and state whether or not the Contractor agrees with the evaluation, before returning the report to the Assessing Official. The report information must be protected as source selection sensitive information not releasable to the public.

(d) When your Contractor Representative(s) (Past Performance Points of Contact) are registered in CPARS, they will receive an automatically-generated email with detailed login instructions. Further details, systems requirements, and training information for CPARS is available at <http://www.cpars.csd.disa.mil/>. The CPARS User Manual, registration for On Line Training for Contractor Representatives, and a practice application may be found at this site.

(e) Within 60 days after the end of a performance period, the Contracting Officer will complete an interim or final past performance evaluation, and the report will be accessible at <http://www.cpars.csd.disa.mil/>. Contractor Representatives may then provide comments in response to the evaluation, or return the evaluation without comment. Comments are limited to the space provided in Block 22. Your comments should focus on objective facts in the Assessing Official's narrative and should provide your views on the causes and ramifications of the assessed performance. In addition to the ratings and supporting narratives, blocks 1 – 17 should be reviewed for accuracy, as these include key fields that will be used by the Government to identify your firm in future source selection actions. If you elect not to provide comments, please acknowledge receipt of the evaluation by indicating "No comment" in Block 22, and then signing and dating Block 23 of the form. Without a statement in Block 22, you will be unable to sign and submit the evaluation back to the Government. If you do not sign and submit the CPAR within 30 days, it will automatically be returned to the Government and will be annotated: "The report was delivered/received by the Contractor on (date). The Contractor neither signed nor offered comment in response to this assessment." Your response is due within 30 calendar days after receipt of the CPAR.

(f) The following guidelines apply concerning your use of the past performance evaluation:

(1) Protect the evaluation as "source selection information." After review, transmit the evaluation by completing and submitting the form through CPARS. If for some reason you are unable to view and/or submit the form through CPARS, contact the Contracting Officer for instructions.

(2) Strictly control access to the evaluation within your organization. Ensure the evaluation is never released to persons or entities outside of your control.

(3) Prohibit the use of or reference to evaluation data for advertising, promotional material, preaward surveys, responsibility determinations, production readiness reviews, or other similar purposes.

(g) If you wish to discuss a past performance evaluation, you should request a meeting in writing to the Contracting Officer no later than seven days following your receipt of the evaluation. The meeting will be held in person or via telephone or other means during your 30-day review period.

(h) A copy of the completed past performance evaluation will be available in CPARS for your viewing and for Government use supporting source selection actions after it has been finalized.

SECTION C - TERMS AND CONDITIONS

C34 IDENTIFICATION OF CONTRACT EXHIBITS AND ATTACHMENTS

These documents are attached in the following Sections and are made a part of this contract, incorporated by reference, and are available at www.amd.nbc.gov or by the following hyperlink:

<https://webapp2.nbc.gov/apps/oassol.nsf/7435d479f4fc9fbe882569ca0071a792/bd2cflb330c314f9872577b100610ff4?OpenDocument>

No	Document	Date	No. of Pages	Section Ref.
1	Pilot's Personal Protective Equipment	None	1	B2.3
2	First Aid Kit and Survival Kit	16 Dec 1997	1	B4.2.2 & B4.2.3
3	Solid Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	14	B9.5
4	Hazardous Waste SOP 1.0 – Generation and Generator Guidance	1 Oct 2000	21	B9.5
5	Instructions on Packaging and Shipping	14 Aug 2002	37	B14
6	USAP Medical and Dental Examination Forms			C23
	a) Medical and Dental Instruction Guide, Long Form	July 2008	2	
	b) "Dear Doctor" Letter	July 2009	2	
	c) NSF Form 1422 – Medical History	April 2002	8	
	d) NSF Form 1423 – Polar Physical Examination – Antarctica	April 2002	2	
	e) NSF Form 1424 – Medical Screening for Blood-borne Pathogens	April 2002	1	
	f) "Dear Dentist" Letter	May 2010	2	
	g) NSF Form 1425 – Polar Dental Examination – Antarctica	April 2002	1	
	h) NSF Form 1421 – Medical Risks for NSF-Sponsored Personnel Traveling to Antarctica	April 2002	1	
	i) Important Notice for Participants in the United States Antarctic Program	May 2000	1	
	j) Medical Examination Records for Service in the Polar Regions	July 2008	1	
	k) NSF Form 1424 – Personal Information	Feb 2005	2	
7	Avionics Operational Test Standards	1 Dec 1998	3	B5.1
8	USAP deployment requirements and Information Security Training and Acknowledgement	<i>Release 3.0 August 6, 2009</i>	1	C22.3.1
9	Computer requirements for connecting to the USAP network	<i>Version 5.0 March 4, 2009</i>	3	C22.3.2
10	Unacceptable Lap Belt Conditions and Shoulder Harness Conditions		1	B4.2.6

SECTION E – OFFEROR REPRESENTATIONS AND CERTIFICATIONS

OFFEROR’S MISCELLANEOUS INFORMATION

Offeror’s Company Name	Kenn Borek Air, Ltd.	
Offeror’s DUNS Number		
Offeror’s Complete E-mail Address	bcroker@borekair.com	
Offeror’s Office Telephone Number	403-291-3300	
Offeror’s Facsimile (FAX) Number		
Offeror Contact Representative(s)	1. Name Brian Crocker	Telephone 403-291-3300
	2. Name John Harmer	Telephone 403-291-3300

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE OF PAGES
 1 3

2. AMENDMENT/MODIFICATION NO. 0029
 3. EFFECTIVE DATE See Block 16C
 4. REQUISITION/PURCHASE REQ. NO. _____
 5. PROJECT NO. (If applicable) _____

ISSUED BY CODE D41
 7. ADMINISTERED BY (If other than Item 6) CODE D41

Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706

DOI, Interior Business Center, AQD
 Division 4/ Branch 1
 300 East Mallard Drive
 Suite 200
 Boise ID 83706

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 KENN BOREK AIR LTD
 Attn: ATTN GOVERNMENT POC
 290 MCTAVISH RD NE SUITE 4
 CALGARY AB T2E 7G5

9A. AMENDMENT OF SOLICITATION NO. _____
 9B. DATED (SEE ITEM 11) _____

10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113
 10B. DATED (SEE ITEM 13) 01/05/2012

CODE 0071061255 FACILITY CODE _____

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
 See Schedule Net Decrease: -\$271,577.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)
 FAR 52.212-4 (c) Changes

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION.
 ANTARCTICA AND ARCTIC, 2015-2016

LIST OF CHANGES:
 Reason for Modification : Funding Only Action
 Total Amount for this Modification: -\$271,577.00
 New Total Obligated Amount for this Award: (b) (4)

CHANGES FOR LINE ITEM NUMBER: 540
 Total Amount changed from (b) (4) to (b) (4)
 Obligated Amount for this modification: (b) (4)
 Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
 John Harmer President

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
 Michael Willis

15B. CONTRACTOR/OFFEROR
 15C. DATE SIGNED Sept 1, 2015
 16B. UNITED STATES OF AMERICA
 16C. DATE SIGNED

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0029

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 550 Total Amount changed from (b) (4) to (b) (4) Obligated Amount for this modification: (b) (4)</p> <p>Payment Terms: PP30 FOB: Destination Period of Performance: 09/01/2015 to 08/31/2016</p> <p>Change Item 00540 to read as follows (amount shown is the obligated amount):</p> <p>00540 2nd Installment of Funding, 2014-15 Antarctica Season Obligated Amount: (b) (4)</p> <p>Delivery: 08/30/2015 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF664 PR Acct Assign Line: 01 Funded: (b) (4)</p> <p>The contractor shall submit flight data into AMS on line item 10 for all (b) (4) and line item 20 for the (b) (4)</p> <p>The contractor shall submit invoices against contract line items 510 until the mission is complete or the balance is zero dollars and then line item 540 per the attached pricing schedule.</p> <p>Change Item 00550 to read as follows (amount shown is the obligated amount):</p>				(b) (4)
00550	<p>FLIGHT SERVICES ARCTIC REGION 2015 Obligated Amount: (b) (4) Continued ...</p>				(b) (4)

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0029

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Delivery: 08/30/2015 Delivery Location Code: 0009836858 ACQ Aviation 300 East Mallard Drive Suite 200 Boise ID 83706 US Amount: (b) (4) Accounting Info: 01 Account Assignment: K G/L Account: 6100.252L0 Business Area: D000 Commitment Item: 252L00 Cost Center: DS68694300 Functional Area: DWHAQE000.1K0000 Fund: XXXD4523WH Fund Center: DS68694300 Project/WBS: DR.WHBOI.15NSF542 PR Acct Assign Line: 01 Funded: (b) (4)				

2. AMENDMENT/MODIFICATION NO. 0030	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)
6. ISSUED BY Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41	7. ADMINISTERED BY (If other than Item 6) DOI, Interior Business Center, AQD Division 4/ Branch 1 300 East Mallard Drive Suite 200 Boise ID 83706	CODE D41

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) KENN BOREK AIR LTD Attn: ATTN GOVERNMENT POC 290 MCTAVISH RD NE SUITE 4 CALGARY AB T2E 7G5	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. D12PC00113
		10B. DATED (SEE ITEM 13) 01/05/2012
CODE 0071061255	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FA LURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$2,442,638.49

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) C29 Incrementally Funded Fixed Price Contract

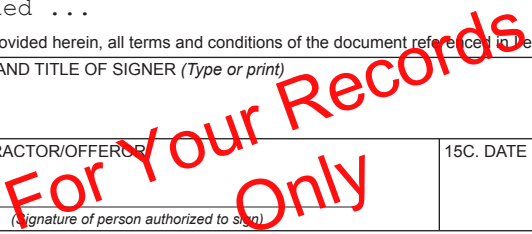
E. IMPORTANT Contractor is not. is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
FIXED WING FLIGHT SERVICES PROVIDED IN SUPPORT OF THE NATIONAL SCIENCE FOUNDATION. ANTARCTICA AND ARCTIC, 2015-2016
 The purpose of this modification is to incrementally fund contract year 5, Option 4 in accordance with C29 Incrementally Funded Fixed Price Contract.

LIST OF CHANGES:
 Reason for Modification : Funding Only Action
 Total Amount for this Modification: \$2,442,638.49
 New Total Obligated Amount for this Award: (b) (4)

Payment Terms:
 Continued ...
 Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Michael Willis
15B. CONTRACTOR/OFFICER <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED



CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
D12PC00113/0030

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NAME OF OFFEROR OR CONTRACTOR
KENN BOREK AIR LTD

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	PP30 FOB: Destination Period of Performance: 09/01/2015 to 08/31/2016 Add Item 00580 as follows:				
00580	NSF-Antactica Fixed Wing Flight Services-1st Funding Installment 2015-2016 Requisition No: 0040243031 The Contractor shall provide fixed wing flight services for the NSF in support of the research activities of the United States Anatarctic Program (USAP). Add Item 00590 as follows:				(b) (4)
00590	CLIN A5 (b) (4) -Funding 2015-2016 Obligated Amount: (b) (4) Requisition No: 0040243032				(b) (4)
	The contractor shall provide (b) (4) for the 2015-2016 Antarctic Season per the contract, CLIN A5.				