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|---|---------------------------------|--|--------------------------------|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 7 |
| 2. AMENDMENT/MODIFICATION NO. 000001 | 3. EFFECTIVE DATE 01/19/2012 | 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) | | (x) 9A. AMENDMENT OF SOLICITATION NO. D12PS00010 | |
| CODE | | x 9B. DATED (SEE ITEM 11) 01/19/2012 | |
| FACILITY CODE | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | 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 3 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: |
| | 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.)

EPA Helicopter, Edison, New Jersey

The purpose of this admendment is to change the specifications to allow for fuel-injected reciprocating engine helicopters to be offered.

A. Attached are six replacement pages to the solicitation; remove the original pages of the solicitation and insert the attached replacement pages.

B. The date and time offers are due has not been changed because of this amendment.

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 (Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer) | 16C. DATE SIGNED 2/2/2012 |

SECTION A - REQUIREMENTS AND PRICES

SCHEDULE OF SUPPLIES/SERVICES

A2 Item 1 Requirement

ITEM 1 DESCRIPTION

Mission Requirements: Offshore low-level survey flights, natural resource missions, and administrative and related activities (**no water sampling**) at the direction and control of the Government.

Designated Base: EPA helispot, Edison, New Jersey

Aircraft Required: One light helicopter

Crew Compliment Required: Pilot-in-Command (PIC)

Minimum Helicopter Requirements:

Seating: **Three (3)** insured passenger seats not including pilot, but including copilot seat in an aircraft, normally single-pilot operated.

Payload: Internal payload (HOGE) of 400 pounds at 26 degrees C at 1,000 feet pressure altitude using a pilot weight of 200 pounds, a 25-pound survival kit and fuel for 1.9 hours.

Powerplant: Turbine engine(s) or fuel-injected reciprocating engine

Floats: For single engine aircraft: fixed floats or popout floats
For twin engine aircraft: fixed or popout floats

Payload amounts shall be computed by using the Government's Standard Interagency Load Calculation Method and Form and the Helicopter Fuel Consumption and Weight Reduction Chart included under the Exhibits along with the offered aircraft's applicable Hover Ceiling Charts, weight and balance report and equipment list that you provide.

A BH206, AS350, or AS355 series aircraft or equivalent may typically fulfill the above minimum requirements for a turbine aircraft. A Robinson R-44 Raven II or equivalent may typically fulfill the above minimum requirements for a fuel-injected reciprocating engine aircraft.

Proposed aircraft payload is an element of your offer, will be made a part of the awarded contract, and will be verified by DOI Aviation Management inspectors during inspection of the aircraft.

TO BE COMPLETED BY AGENCY AT TIME OF AWARD

| | |
|-----------------------------------|--|
| Aircraft Make and Model | |
| Serial Number | |
| FAA Registration Number | |
| Confirmed Aircraft Payload | |

SECTION A - REQUIREMENTS AND PRICES

A4 Item 2 Requirement

ITEM 2 DESCRIPTION

Mission Requirements: Offshore low-level survey flights and **water sampling** through open or removed door(s), natural resource missions, and administrative and related activities at the direction and control of the Government.

Designated Base: EPA helispot, Edison, New Jersey

Aircraft Required: One light helicopter

Crew Compliment Required: Pilot-in-Command (PIC)

Minimum Helicopter Requirements:

Seating: **Three (3)** insured passenger seats not including pilot, but including copilot seat in an aircraft, normally single-pilot operated.

Payload: Internal payload (HOGE) of 400 pounds at 26 degrees C at 1,000 feet pressure altitude using a pilot weight of 200 pounds, a 25-pound survival kit and fuel for 1.9 hours.

Powerplant: Turbine engine(s) or **fuel-injected reciprocating engine**

Floats: For single engine aircraft: **fixed floats only**
For twin engine aircraft: fixed or popout floats

Aircraft Type: Aircraft must be of a type where water sampling through the door opening can be performed. Water sampling capability from the offered aircraft will be evaluated by the Government.

Payload amounts shall be computed by using the Government’s Standard Interagency Load Calculation Method and Form and the Helicopter Fuel Consumption and Weight Reduction Chart included under Section B Exhibits along with the offered aircraft’s applicable Hover Ceiling Charts, weight and balance report and equipment list that you provide.

A BH206, AS350, or AS355 series aircraft or equivalent may typically fulfill the above minimum requirements for a turbine aircraft. **A Robinson R-44 Raven II or equivalent may typically fulfill the above minimum requirements for a fuel-injected reciprocating engine aircraft.**

Proposed aircraft payload is an element of your offer, will be made a part of the awarded contract, and will be verified by DOI Aviation Management inspectors during inspection of the aircraft.

TO BE COMPLETED BY AGENCY AT TIME OF AWARD

| | |
|-----------------------------------|--|
| Aircraft Make and Model | |
| Serial Number | |
| FAA Registration Number | |
| Confirmed Aircraft Payload | |

SECTION B – TECHNICAL SPECIFICATIONS

PTT system may be utilized at that position only. ICS PTT switches for any additional positions required to be furnished only with ICS must be mounted on the cord to the earphone/ microphone connector.

B7.6 Other Avionics.

B7.6.1 One air traffic control (ATC transponder and altitude reporting system) meeting the requirements of 14 CFR Part 91.215 (a) and (b).

B7.6.2 The Contractor must furnish a cellular telephone for use by the PIC. The cellular telephone must be provided with service to the area of the contiguous 48 States. Each cellular telephone must be equipped with both 110VAC and 12VDC adapter cord assemblies for charging use. The Contractor must provide the number of the cellular telephone to Government personnel when requested.

B8 Reserved

PERSONNEL REQUIREMENTS

B9 Pilot Requirements and Authority

The Contractor must furnish a pilot for each day the aircraft is required to be available. The pilot must have the authority to represent the Contractor in all matters except changes in price and time, unless the Contracting Officer (CO) is notified otherwise, in writing, prior to performance.

B10 Pilot Qualifications

B10.1 General.

Pilot flight hours will be verified from a certified pilot log. Further verification of flight hours may be required at the COTR's discretion.

B10.2 Minimum Qualifications.

The Contractor must provide a pilot(s) who meets the following minimum qualifications and who possesses the required certificates or evidence of having satisfactorily passed the evaluations for the required tasks:

B10.2.1 An FAA commercial pilot certificate or higher, with a rotorcraft-helicopter rating.

B10.2.2 An instrument helicopter rating or an airline transport pilot (ATP) certificate with a category and class rating for the make and model helicopter offered, not limited to VFR.

B10.2.3 A minimum of a current second-class medical certificate, issued in accordance with 14 CFR Part 67.

B10.2.4 An FAA competency check, completed in accordance with 14 CFR Part 135.293 in the same make and model as the contract aircraft.

B10.2.5 An agency flight evaluation, to be flown at the COTR's discretion in the same make and model as the contract aircraft. The Contractor must supply the aircraft for the flight evaluation, at no expense to the Government.

B10.2.6 Proficient operation of all equipment identified in Section B (e.g., FM Radio, GPS,). The agencies may require pilots to demonstrate this proficiency during an evaluation flight.

B10.2.7 Minimum PIC time accumulated as follows:

| |
|---|
| (a) 1,500 hours . . . in helicopters. |
| (b) 100 hours . . . in helicopters in the last 12 months. |
| (c) 100 hours . . . in the weight class of the helicopter offered. Defined as: "small" - up to an approved gross weight of 7,000 pounds; "medium" - 7,000 pounds up to 12,500 pounds; "large" - over 12,500 pounds. |
| (d) 100 hours . . . in turbine engine helicopters if contract aircraft is turbine powered. |
| (e) 200 hours . . . in reciprocating engine helicopters if contract aircraft is recip-powered. |
| (f) 50 hours . . . in the same make and model as the contract helicopter. Pilot flight hour requirements in make and model may be reduced by 50 percent, if the pilot shows evidence of having satisfactorily completed the manufacturer's approved ground school and flight check in the same make, model, and series as the contract helicopter. (See the Helicopter Like Makes and Models Exhibit.). |
| (g) 10 hours . . . in the same make, model, and series as the contract helicopter in the last 12 months. |
| (h) Last 90 days . . . Compliance with 14 CFR 61.57 or 135.247 as appropriate. |
| (i) 10 hours . . . in over water operations in the same make and model as the contract helicopter. |
| (j) 10 hours . . . in typical terrain and environmental conditions in the make and model helicopter offered. Defined as "terrain and conditions" similar to that in which the aircraft will operate during the contract period. |

B11 Personnel Duty Limitations

The Contractor must monitor and remove from duty any personnel for fatigue or other causes before they reach their daily duty or flight limitations.

SECTION B – TECHNICAL SPECIFICATIONS

EXHIBIT 2 (Cont.)

| | | | |
|-----------------|--------------|-----|-----------------|
| MD | 500C | 23 | 110 |
| | 500D/E | 28 | 120 |
| | 520N | 32 | 100 |
| | 530F | 34 | 120 |
| | 600N | 41 | 155 |
| | 900/902 | 69 | 210 |
| HILLER | SL-3/4 | 21A | 90 |
| | UH-12 | 17A | 90 |
| | 1100B | 22 | 130 |
| | UH-12/SOLOY | 23 | 100 |
| SIKORSKY | S-55T | 47 | 170 |
| | S-58D/E | 83A | OGE 000 IGE 400 |
| | S-58T/PT6T-3 | 115 | OGE 000 IGE 400 |
| | S-58T/PT6T-6 | 115 | OGE 000 IGE 460 |
| | S-62A | 70 | 300 |
| | S-70 | 160 | N/A |
| | S-76C+ | 90 | NOTESTABLISHED |
| | S-92 | 178 | NOTESTABLISHED |
| ROBINSON | R-44 | 15A | 75 |

"A" after the gallons indicates Avgas; all others are turbine.

5/10

SECTION B – TECHNICAL SPECIFICATIONS

EXHIBIT 7

HELICOPTER LIKE MAKES AND MODELS

| Make | Model |
|------------------|--|
| Agusta | 109 |
| Bell | 47 Series (All Recips) |
| Bell | 47 Series Soloy |
| Bell | 206A, 206B, 206BIII |
| Bell | 206L, 206L-1, 206L-3, 206L-4 |
| Bell | 407 |
| Bell | 204, 205, UH-1, All Series |
| Bell | 212, 412, |
| Bell | 214 |
| Boeing | BV 107, BK 107 |
| Boeing | BV 234, CH 47 Series |
| Boeing | 369 (500) Series |
| Boeing | MD-600N |
| Boeing | MD-900, 902 |
| Enstrom | 28 Series |
| Eurocopter | SA 315, SA 316, SA 319 (Alouette/Lama) |
| Eurocopter | SA 318 |
| Eurocopter | AS 350 Series (Astar) |
| Eurocopter | AS 355 Series (Twin Star) |
| Eurocopter | SA 341 (Gazelle) |
| Eurocopter | SA 360 |
| Eurocopter | SA 365 (Dauphin) |
| Eurocopter | AS 330, 332 (Puma) |
| Eurocopter | MBB 105 Series |
| Eurocopter | BK 117 Series |
| Eurocopter | EC-135 |
| Eurocopter | EC-120 |
| Hiller | 12 Series (Recips) |
| Hiller | 12 Series (Soloy) |
| Hiller | FH 1100 |
| Hughes/Schweizer | 269 (300) Series (Recips) |
| Schweizer | 330 |
| Kaman | H 43 Series |
| Kaman | K1200 |
| Sikorsky | S-55, H19 (Recip), S-55T |
| Sikorsky | S-58, H34 Series (Recip), S-58T Series |
| Sikorsky | S-62 |
| Sikorsky | S-61, Series |
| Sikorsky | S-64 |
| Sikorsky | S-76, Series |
| Sikorsky | S-70, UH-60 Series |
| Robinson | R-44, Series |

This list does not specifically follow the FAA guidelines as it relates to 14 CFR 135.293 competencies.

Similar military aircraft are not acceptable for grouping.

Grouping of like makes and models of aircraft allows determination of pilot authority. Differences training must be completed for each of the makes/models in a grouping. Make/model qualification and currency are met with time flown in any aircraft in grouping.

SECTION E – OFFEROR’S REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS

EXHIBIT 12 - AIRCRAFT QUESTIONNAIRE FORM

Offerors may recreate this form but it must include all the information listed.

This Questionnaire completely and accurately completed will be used to determine your aircraft payload capability.

REPRODUCE AND SUBMIT FOR EACH AIRCRAFT OFFERED - COMPLETE SHADED BLOCKS

Minimum Helicopter Requirements (Item 1):

Seating: Three (3) insured passenger seats not including pilot, but including copilot seat in an aircraft, normally single-pilot operated.

Payload: Internal payload (HOGE) of 400 pounds at 26 degrees C at 1,000 feet pressure altitude using a pilot weight of 200 pounds, a 25-pound survival kit and fuel for 1.9 hours.

Powerplant: Turbine engine(s) or fuel-injected reciprocating engine

Floats: For single engine aircraft: fixed floats or popout floats
For twin engine aircraft: fixed or popout floats

Payload amounts shall be computed by using the Government’s Standard Interagency Load Calculation Method and Form and the Helicopter Fuel Consumption and Weight Reduction Chart included under the Exhibits along with the offered aircraft’s applicable Hover Ceiling Charts, weight and balance report and equipment list that you provide.

Additional Minimum Helicopter Requirements for Item 2, which includes water sampling:

Aircraft Type: Aircraft must be of a type where water sampling through the door opening can be performed.
Water sampling capability from the offered aircraft will be evaluated by the Government.

| Aircraft Make and Model | FAA Registration # | Serial # | # of Insured Passenger Seats (excludes pilot seat) |
|-------------------------|--------------------|----------|--|
| | | | |

Aircraft Equipped Weight (Your aircraft weight & balance report & equipment list will be used to substantiate this weight – see note 1. below)

| Currently Installed Aircraft Equipment to be Removed to Achieve Offered Payload Below (If none, indicate NONE) | | Equipment to be Added to Meet the Aircraft Specifications Requirements (If none, indicate NONE) | |
|---|--------|--|--------|
| EQUIPMENT ITEM | WEIGHT | EQUIPMENT ITEM | WEIGHT |
| | | | |
| | | | |
| | | | |
| | | | |

ENTER YOUR PROPOSED HOGE AIRCRAFT PAYLOAD. The aircraft make, model and HOGE payload that we confirm with you will be made a part of your offer and will be binding if your offer is accepted for award.

NOTE

1. By signing below, I acknowledge that I have included the aircraft’s

- (1) Latest aircraft weight and balance report,
- (2) Aircraft equipment list,
- (3) Aircraft appropriate hover ceiling charts used to arrive at the above payload.

Failure to include the above information, will affect the evaluation you receive for your aircraft.

2. By signing below, I certify to the best of my knowledge that the above information is accurate.

| | |
|---|------|
| Name and Signature of Representative Completing this Form | Date |
| | |
| OFFEROR'S NAME | |
| | |