

Solicitation No. - N° de l'invitation
23239-210788/A
Client Ref. No. - N° de réf. du client
23239-210788

Amd. No. - N° de la modif.
File No. - N° du dossier
Is100.23239-210788

Buyer ID - Id de l'acheteur
Is100
CCC No./N° CCC - FMS No./N° VME

23239-210788 Cambridge Bay Helicopter

Attachment 1 of Part 3 - Mandatory Technical Criteria

Mandatory Technical Criteria M1 – Crew

Captains - Pilot -in-Command (PIC)

The Bidder must identify a minimum of 2 pilots which meet the following criteria: as per Statement of Work (SOW) Article 5.

All qualifications must be met at time of bid closing.

5.1 Pilots (min 2) Requirements

- a) have a valid helicopter license and the related endorsements for the proposed helicopter;
- b) have a minimum of 1200 hours as Pilot-In-Command (PIC) helicopter flight time;
- c) have a minimum of 500 hours (PIC) flight time on the aircraft class and 50 hours (PIC) on the aircraft type,
- d) have a minimum of two seasons with a minimum of 250 hours (PIC) and vertical reference work i.e. bucketing/longlining;
- e) have a minimum of 250 hours flight time in mountainous terrain i.e within designated mountainous areas 1 or 2 as defined in the Designated Airspace handbook TP 1820;
- f) have a valid Possession and Acquisition Licence (PAL)
- g) have current TDG Training and certification

Note: Bidders must submit the above requested certifications as part of their bid.

Number	Pilot Name (Last, First)	Pilot License #	Hours of Experience				PAL #	TDG Certificate
			Requirement B	Requirement C	Requirement D	Requirement E		
1								
2								
3								
4								
5								
6								

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Aircraft Maintenance Engineers (AME)

The Bidder must identify a minimum of 2 Aircraft Maintenance Engineers (AME) which meet the following criteria: as per Statement of Work (SOW) Article 5.

5.2 Aircraft Maintenance Engineers (AME)

The Aircraft Maintenance Engineers supplied by the Contractor must:

- a) Must have the appropriate M license with helicopter type training for the proposed helicopter.

Note: Please provide AMO certification print out of assigned ACA.

Number	AME Name (Last, First)	License #	AMO Certification #	Resume Attached
1				
2				
3				
4				
5				
6				

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Mandatory Technical Criteria M2 - Helicopter

The Bidder must have a minimum of 1 Bell 206LR or AStarB2 light single turbine helicopters or equivalent available for the duration of the contract operational period with the following specifications, as specified in article 7 – Helicopter Requirements in Annex A – Statement of Work:

1. Specifications (SOW 7.1):

Three helicopters such as 206LR or AStarB2 or equivalent, with the following minimum specifications:

- | | |
|-------------------------------------|---|
| 1) Seating | 1 pilot + 5 passenger |
| 2) Internal Cargo Volume | 2.7m ³ (96 ft ³) |
| 3) Usable Fuel Capacity | 110 gal (869lbs) |
| 4) Range (1800kgGW/ISA, SL) | 500 km (270 nautical miles) |
| 5) External Load (Cargo Hook Limit) | 544 kg (1200 lbs) |

2. Configured as follows and Equipped with:

- a) Seating for a minimum of five (5) passengers;
- b) All seats to have high back support with shoulder restraint harnesses;
- c) Two (2) cargo nets (minimum size) 4.27m (14 ft) x 4.27m (14 ft) with lanyards and swivels;
- d) Two (2) sets of barrel slings;
- e) One (1) 15 metre longlines and one 30 metre longline with electronic release head;
- f) Helicopter to be equipped with Skid Gear with pop-out floats
- g) Highly visible contrasting main and tail rotor markings painted on upper and lower surfaces;
- h) White/red strobe lights highly visible from all directions;
- i) Highly visible markings (paint or decal) on helicopter for Arctic operations;
- j) Skid mounted ski basket on starboard side (with quick release system);
- k) Medivac stretcher kit.
- l) 24 volt DC electrical system;
- m) A portable refueling pump;
- n) Arctic survival kit including one 12 Gauge firearm and slugs for predator defence.
- o) Heaters and hoses suitable for Arctic conditions and capable of remote field camp operation using a 3000 W generator.

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3. Configured with the following navigation and communication equipment:

3.1 Communications as per SOW 7.3:

- a) One VHF/AM radio transmitter-receivers with frequencies of 118 MHz to 135.97 MHz inclusive with 50 KHz spacing with guard feature;
- b) One FM transceiver with a frequency range of 150 to 174 MHz capable of generating CTCSS tones of 103.5HZ, 114.8HZ, 127.3HZ and 141.3HZ. with control head provision for 30 pilot-programmable, pre-set simplex and semi-duplex channels hosting a main and guard feature;
- c) The provision for operational capabilities of both radio and hot-mic intercom, through headset/boom microphones, by both pilot and front seat passenger;
- d) One intercom, front and all rear seats, with headsets and boom microphones, David Clark, Bose or equivalent;
- e) One satellite phone with mounted antenna for phone communications in remote areas; and
- f) An internet based tracking system for the helicopter and made available to the Charterer; and
- g) One programmable portable FM transceiver radio with capability of frequency range and CTCSS tones (as noted above) for communications separate from helicopter;

Note: Unserviceable radio equipment and accessories may be considered as rendering the aircraft unserviceable for operational use.

3.2 Navigation, Safety and Emergency Equipment as per SOW 7.4:

- a) One Radio Navigation System, e.g. Non-Directional Beacons (NDB), VHF Omnidirectional Range (VOR), VHF Omnidirectional Range and Tactical Air Navigation (VORTAC), Distance Measuring Equipment (DME) or equivalent.
- b) One Emergency Locator Transmitter (ELT);
- c) One Global Positioning System (GPS), i.e. Trimble Trans Pack or equivalent;
- d) Other Standard safety, survival gear and emergency equipment as required by Transport Canada Regulations and the Canadian Aircraft Regulations (CARS); i.e. CAR 602.61; and
- e) Automated Flight Following system (AFF) compatible with Skyweb / Skytrac
- f) Iridium Satellite Phone system integrated in (AFF system)

Note: Bidders must submit the above requested certifications as part of their bid. The Bidder must address every requirement in their proposal and provide enough information to allow Canada to confirm the proposed helicopter meets all the requirement.

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Number	Make & Model Proposed	Registration Number
1		
2		
3		

Mandatory Technical Criteria M3 – Certification Operator

The Bidder must provide the following Transport Canada Operator Certificates as per Annex A – Statement of Work, article 10 - Inspection;

1. The Bidder must provide a Transport Canada Air Operator Certificate (AOC) number;
2. The Bidder must provide a valid Canadian Transportation Agency Air Operator Domestic License;
3. The Bidder must provide a valid a valid Aircraft Maintenance Organization (AMO) certificate:

Air Operator Certificate #	Air Operator Domestic License #	Aircraft Maintenance Organization Certificate #

Note: Bidders must submit the above requested certifications as part of their bid.

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Mandatory Technical Criteria M4 – Operation Experience

The Bidder must have a minimum of 2 years' experience, within the last 5 years from the bid solicitation closing date, providing helicopter support services in the leased-land (industry), private land and Inuit/Inuvialuit owned lands ITK/KIA/ISR.

In order to demonstrate the experience the Bidder must provide:

- a) The name of the client organization to whom the services were rendered;
- b) The description of the work performed;
- c) The location where the services were provided; and
- d) The period (month/year to month/year) from which the services were provided.

Client Name	Description of Work	Location	Start Date	End Date