

23239-220658

ATTACHMENT 1 TO PART 3

Technical Bid

Mandatory Technical Criteria M1 – Crew

Captains - Pilot -in-Command (PIC)

The Bidder must identify a minimum of 6 pilots (minimum 4 identified for Bell 206LR (or equivalent) and minimum 2 identified for 206L4 (or equivalent) 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 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 20 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 valid Possession and Acquisition Licence (PAL)
- (f) have current TDG Training and certification

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

#	Pilot Name (Last, First)	Pilot License # (a)	Proposed Aircraft Type	Endorsement for Proposed Helicopter (a)	Hours of Experience			PAL # (e)	TDG Certificate # (f)
					Min 1200 hrs as PIC on helicopter (b)	Min 500 hrs as PIC on aircraft class AND Min 20 hrs PIC on aircraft type (c)	Min 2 seasons and 250 hrs PIC doing vertical reference work (d)		
1									
2									
3									
4									
5									
6									

Aircraft Maintenance Engineers (AME)

The Bidder must identify a minimum of 6 Aircraft Maintenance Engineers (AME) (minimum 4 AME identified for Bell 206LR (or equivalent) and minimum 2 AME identified for 206L4 (or equivalent) which meet the following criteria: as per Statement of Work (SOW) Article 5.

5.2 Aircraft Maintenance Engineers (AME) requirements:

- 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.

#	AME Name (Last, First)	License #	This AME is certified 206LR (or equivalent) YES or NO	This AME is certified for 206L4 (or equivalent) YES or NO	AMO Certification #	Resume Attached YES or NO
1						
2						
3						
4						
5						
6						

Mandatory Technical Criteria M2 - Helicopter

The Bidder must have a minimum of two (2) Bell 206LR and one (1) Bell 206L4 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 (as per SOW 7.1.a)):

Two (2) helicopters such as Bell 206LR or equivalent, with the following general specifications:

- | | |
|-------------------------------------|-----------------------------------------|
| 1) Seating | 1 pilot + 6 passengers |
| 2) Internal Cargo Volume | 2.7m ³ (96 ft ³) |
| 3) Usable Fuel Capacity | 110 gal (869lbs) |
| 4) Range (1800kgGW/ISA, SL) | 444 km (240 nautical miles) |
| 5) External Load (Cargo Hook Limit) | 544 (1200 lbs) minimum |

Specifications (as per SOW 7.1.b)):

One (1) helicopter such as Bell 206L4 or equivalent, with the following general specifications:

- | | |
|--------------------------------------|-----------------------------------------|
| 6) Seating | 1 pilot + 5 passengers |
| 7) Internal Cargo Volume | 2.7m ³ (96 ft ³) |
| 8) Usable Fuel Capacity | 110 gal (869lbs) |
| 9) Range (1800kgGW/ISA, SL) | 555 km (300 nautical miles) |
| 10) External Load (Cargo Hook Limit) | 860 kg (1900 lbs) minimum |

2. Configured as follows and Equipped with (as per SOW 7.2):

- a) Two (2) helicopters must have seating for a minimum of six (6) passengers;
- b) One (1) helicopter must have seating for a minimum of five (5) passengers;
- c) All seats to have high back support with shoulder restraint harnesses;
- d) Two (2) cargo nets (minimum size) 4.27m (14 ft) x 4.27m (14 ft) with lanyards and swivels;
- e) Two (2) sets of barrel slings;
- f) One (1) 15 metre longlines and one 30 metre longline with electronic release head;
- 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 or 30.06 caliber rifle for predator defence.
- o) Heaters and hoses suitable for Arctic conditions and capable of remote field camp operation using a 3000 W generator.

Helicopter configurations are as follows:

- At minimum, one 206LR (or equivalent) must have fixed floats
- At minimum, one 206LR (or equivalent) must have skid gear
- At minimum, the 206L4 must be equipped with skid gear
- All helicopters must be equipped with pop out floats as and when requested.
- All equipment must remain serviceable and available to the Charterer for the duration of the contract period including potential contract extensions.

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/bloom 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.

4. Navigation, Safety and Emergency Equipment as per SOW 7.4:

- a) One Emergency Locator Transmitter (ELT);
- b) One Global Positioning System (GPS), i.e. Trimble Trans Pack or equivalent;
- c) 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
- d) Automated Flight Following system (AFF) and telephone/intercom system installed compatible with Skyweb / Skytrac
- e) Provide extra crews when crudities and flight times exceed limitations in Transport Canada Regulations i.e. Canada aviation regulations 2010-2, part seven Division II.

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.

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.

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