PART 4 – EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Basis of Selection - Highest Combined Rating of Technical Merit and Price

4.1.1 To be declared responsive, a bid must:

a. comply with all the requirements of the bid solicitation; and

b. meet all mandatory criteria (deliverables); and

c. obtain the required minimum of 500 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a maximum scale of 1000 points.

Bids not meeting a, b, and c will be declared non-responsive.

4.1.2 The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 30 % for the technical merit and 70 % for the price.

4.1.3 To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 30 %.

4.1.4 To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 70%.

4.1.5 For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.

4.1.6 Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

4.1.7 The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 60/40 ratio of technical merit and price, respectively. The total available point equal 135 and the lowest evaluated price is $45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)

	Bidder 1	**Bidder 2**	**Bidder 3**
Overall Technical Score	115/135	89/135	92/135
Bid Evaluated Price	$55,000.00	$50,000.00	$45,000.00
Technical Merit Score Calculation	115/135 x 60 = 51.11	89/135 x 60 = 39.56	92/135 x 60 = 40.89
Pricing Score Calculation	45/55 x 40 = 32.73	45/50 x 40 = 36.00	45/45 x 40 = 40.00
Combine Rating	83.84	75.56	80.89
Overall rating	1st	3rd	2nd

4.2 Mandatory Technical Criteria (Deliverables)

4.2.1 Completeness and quality of the written proposal.

Technical Proposal - Bidders must demonstrate completeness and quality of the written proposal. This is achieved by responding to Annex A and by demonstrating how the requirements are to be met. In their technical bid, bidders must demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders must demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

Evaluation Criteria - The bidder must address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, the bidder must address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

*NOTE Bidders are required to copy the following mandatory and technical criteria into their proposal and place their replies directly beneath each criterion. The bidder can directly answer under the criterion or give explicit direction as to where their information can be found within their proposals.

4.2.2 Classification Society

Bidders must provide the name of the classification society from a Transport Canada recognized organization under the Delegated Statutory Inspection Program (DSIP) that will provide the cycloconverter design assessment and approval according to the Class Rules and Regulations applicable to the specified propulsion renewals as per the SOW. The following Class societies are Recognised under DSIP:

- American Bureau of Shipping
- Bureau Veritas
- ClassNK
- DNV GL
- Lloyd's Register

4.2.3 Bidder's Criteria

The bidder must manufacture cycloconverter systems that meet Classification Society Standards. The bidder must demonstrate that they have installed and maintained their own Class approved cycloconverter propulsion systems on at least 8 vessels.

4.2.4 Cycloconverter System Criteria

The bidder must provide proof that the cycloconverter system proposed for this contract is not a prototype and can meet class standards and obtain a class approval certificate. The bidder must supply a class approval compliance certificate from a previous installation of the proposed cycloconverter system.

4.2.5 Supportability – Remote OEM Access

Bidders must demonstrate that the proposed cycloconverter system will have the ability to be remotely accessed by the original equipment manufacturer.

4.2.5 Supportability – Field Service Representatives

Bidders must demonstrate that they presently have FSRs to provide support within 48 hours to the Canadian Coast Guard bases located in Dartmouth NS, St. John's NL, Quebec City QC, and Victoria BC.

4.2.5 Supportability – Equipment Life Cycle

Bidders shall demonstrate that the equipment proposed for this contract shall have fifteen years remaining in its complete life cycle services, and 20 years remaining in the its limited life cycle services.

Complete Life Cycle Services = Serial Production Ceased. Full spares available + Full Service

Limited Life Cycle Services = Limited spares and services available. Equipment is not obsolete.

4.2.6 Sample of a Shipyard Installation Specification

Bidders must provide with their proposals a sample of a Shipyard Installation Specification from a previous propulsion system contract.

4.2.7 Sample of a Shipyard Installation drawing package.

Bidders must provide with their proposals a sample of a Shipyard Installation drawing package from a previous propulsion system installation.

4.2.8 Sample of System Manuals

Bidders must provide with their proposals a sample of operation and troubleshooting manuals from a previous propulsion system installation.

4.2.9 Document Management Plan

Bidder's proposal must describe the Document Management Plan for drawings and specifications, including the details for Regulatory approvals and Client Feedback.

4.2.10 Preliminary Planning and Scheduling

Bidders must provide with their proposals a preliminary planning and scheduling chart which will indicate in working days the duration of each of the following activities with links associated to their respective predecessors and successors;

PHASE ONE
- Contract award date: Day 1
- Contractor acquires vessel baseline data during site visits and sea trials
- Contractor to begin the Preliminary Design Package
- Submission of PDP including Shipyard specifications and drawings
- Review by Canada of the PDP period of 10 working days
- Development of the Approval Design Review Package
- Submission of Approval Design Review
- Review by Canada of the Approval Design Review Package
- Period of approval by Class, and TCMS

PHASE TWO
- Period of manufacturing and procurement of components
- Period of Factory assembly of components
- Period of Factory Acceptance Tests
- Delivery of System components on behalf of the CCG to the VLE Contractor

PHASE THREE
- Installation during the alongside period.

PHASE FOUR
- Performance period (VLE work acceptance day + 15 months)

4.2.11 Bidder's Training Facility

The bidder must have a permanent training facility that can be used for the ongoing training of new CCG employees for the systems and technology provided within this contract. The bidder must state the physical location of the training facility as well as provide a sample course syllabus for an existing course.

4.2.12 Quality Management System

Bidders must provide with their proposals objective evidence that they have in place a Quality Management System registered to ISO 9001:2008 or a Quality Management System modeled on ISO 9001:2008 which will include:

(a) valid ISO 9001:2008 certification, and:

(b) an example of its Quality Control Plan (QCP) as applied on previous projects of the same nature and complexity of this RFP, and;

(c) a sample of an Inspection and Test Plan (ITP) developed in accordance with the QCP in (b) above.

4.2.13 Evidence of on time delivery

For the CCGS Ann Harvey:

Bidders must provide a Gantt chart showing:

- All engineering, parts, etc. of the systems can be delivered within 48 weeks of contract award.

Point Rated Technical Criteria

4.3.2	**Supportability – On Site**	**Max 150**
	a. Cycloconverter Trained FSR availability within 48 hours at CCG bases.	50 pts
	b. Permanent Cycloconverter Trained FSR availability in 4 Regions	150 pts

*4 Regions are St.John's Nfld, Dartmouth NS, Quebec QC, and Victoria BC.

4.3.3	**System Supportability from OEM**	**Max 200**
	a. 15 year "Complete Life Cycle Services" written guarantee	100 pts
	b. 20 year "Complete Life Cycle Service" written guarantee	200 pts

Complete Life Cycle Services = Serial Production Ceased. Full spares available + Full Service

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4.3.4	**Component Supportability**	**Max 200**
	a. 15 year parts availability written guarantee	100 pts
	b. 20 year parts availability written guarantee	200 pts

To obtain the points within 4.3.3 and 4.3.4, a written guarantee shall be provided with the equipment that states that spares and service shall be made available for the entire period stated. In the event that within the period guaranteed the equipment becomes obsolete or unsupported, it shall be the contractor's responsibility to adapt newer equipment to fit the application.

e.g. A PLC or HMI is phased out for a newer generation and spares are no longer available. The contractor shall swap out the systems for the cost of the replacement equipment only.

4.3.8	**Bidder's Marine Electric Propulsion Experience**	**Max 250**
	a. 30 AC/AC Class Approved Marine Propulsion Systems	50 pts
	b. 60 AC/AC Class Approved Marine Propulsion Systems	150 pts
	c. 90 AC/AC Class Approved Marine Propulsion Systems	250 pts

4.3.9	**Proven Cycloconverter Installations**	**Max 200**
a.	8 Vessels with the bidder's class approved cycloconverters	50 pts
b.	10 Vessels with the bidder's class approved cycloconverters	100 pts
c.	12 Vessels with the bidder's class approved cycloconverters	200 pts

TOTAL POINTS 1000

MINIMUM 500/1000