



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Réception des soumissions - TPSGC / Bid Receiving
- PWGSC
1550, Avenue d'Estimauville
1550, D'Estimauville Avenue
Québec
Québec
G1J 0C7

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet 9 kw marine genset	
Solicitation No. - N° de l'invitation F3089-15G174/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F3089-15G174	Date 2016-03-30
GETS Reference No. - N° de référence de SEAG PW-\$QCL-005-16707	
File No. - N° de dossier QCL-5-38300 (005)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-04-25	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lachance, Paul	Buyer Id - Id de l'acheteur qc1005
Telephone No. - N° de téléphone (418) 649-2825 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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Amendment 001

Summary of modifications:

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1.1.2 Table of mandatory technical compliance :

Requirement 3.2 : Modification of requirement Tier 4 to Tier 3

4.1.1.3 Table of point rated criteria

Addition of a technical criteria (4.5)

4.2 Basis of selection – Lowest Price Per Point

2 c. Modification of score

4.2.1 Modification of table

Annex A Requirement : Modification to paragraph 3.2 and addition of paragraph 4.5

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PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed under Annex A - Requirement.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

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PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2015-07-03), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Quebec.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

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PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copy)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Technical documents describing the proposed product at Annex B should accompany the bid.

Bidders should include with their bids the “Table of Technical Compliance” of Part 4, item 4.1.1.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive

Section III: Certifications

Bidders must submit the certifications required under Part 5.

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PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory technical requirements precedent to contract award

	Description	Filled-in and attached
1	Certification « approved marine » for the proposed product, as per item 3.8 of annex A.	
2	Environmental compliance certificate for the proposed product, as per item 3.2 of annex A.	
3	Have a manufacturer-authorized network of locations and/or dealers in the province of Quebec, as per items 5.2 of annex A.	
4	Provide Technical data sheets of proposed Genset	

4.1.1.2 Table of mandatory technical compliance

Note: The Bidder must clearly demonstrate how the proposed system complies to each criteria. Where it is necessary to refer to other documentation that is included in the proposal, Bidders must include the precise location of the reference material including the title of the document, and the page and paragraph numbers. *It is the bidder's responsibility to provide enough details to permit a complete evaluation.*

TABLE OF MANDATORY TECHNICAL COMPLIANCE	
Purchase of two (2) Marine Generator Sets	
	Description / References

1. Electrical Properties	
a.	Minimum Prime Power: 9 kW
b.	Minimum Voltage : 120 Volts
c.	Current : 70 to 80 A.

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TABLE OF MANDATORY TECHNICAL COMPLIANCE	
Purchase of two (2) Marine Generator Sets	
	Description / References
d.	Phase : 1 phase
e.	Cycle : 60 Hz.
2. Dimensions	
a.	Maximum length : 1000 mm
b.	Maximum width : 600 mm
c.	Maximum height : 650 mm
d.	Maximum dry weight : 300 kg
2. Generator sets must include	
3.1	Connections: Inlet and outlet for fuel, sea water, battery power and exhaust on the left side of the housing to allow for installation in the vessel's confined space (1,000 mm x 600 mm x 650 mm);
3.2	Have an environmental compliance certificate from the Environmental Protection Agency (EPA) meeting minimum Tier 3 standards.
3.3	Have a 4-stroke diesel motor running on No. 2 diesel oil with a minimum of 2 cylinders with a starter and 12 V. alternator/charger;
3.4	have a front inspection panel providing access to: the sea water pump, oil filler, fuel/oil filter and oil level, oil drain, coolant drain, fire extinguisher fitting and fuel filter;
3.5	a) have an electronic regulator to maintain isochronous frequency control and perfectly regulate voltage to meet the power requirements of digital equipment and computers; b) have a maximum frequency variation of +/- 0.5% and voltage variation of +/- 1.5%;
3.6	Have a minimum warranty of 2 years/1000hrs.
3.7	Have a diesel fuel primer pump with a lifting capacity of at least 1.22 m.
3.8	Approval for marine use by a classification society that has an official agreement with Transport Canada (e.g., Lloyd's Register, BV, ABS or GL).
3.9	Be in a sound dampening housing

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TABLE OF MANDATORY TECHNICAL COMPLIANCE		
Purchase of two (2) Marine Generator Sets		
		Description / References
5. The supplier must:		
5.1	Have manufacturer trained and approved technician(s); <i>Provide supporting documents.</i>	
5.2	Have a manufacturer-authorized network of locations and/or dealers in the province of Quebec to meet parts and service needs when vessels are travelling in our Central and Arctic Region. <i>Provide list.</i>	
5.3	Be able to provide manufacturer approved technical support, maintenance and mechanical/electrical repair services, on site and in shop, in French. <i>Provide supporting documents</i>	

4.1.1.3 Table of Point Rated Criteria :

Where it is necessary to refer to other documentation that is included in the proposal, Bidders should include the precise location of the reference material including the title of the document, and the page and paragraph numbers

		Oui	Non	Description / Références
4.1	Have a start switch with ignition pre-heater. For a diesel combustion engine, cold starting requires this system. CHS vessels work from spring until late fall (15 points)			
4.2	A maximum full load noise level of 71dB(A) measured at 1 metre. (10 points)			
4.3	Have an industry standard remote surveillance system with digital display and independent automatic stop system with a minimum 13-meter electric cable to read diagnostics for the following: <ul style="list-style-type: none"> • Battery voltage (1 point). • High jacket water temperature (2 pt). • High exhaust temperature (2 points). • Low oil pressure (3 points). • Over speed (1 point). 			

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	<ul style="list-style-type: none">• High voltage (1 point).• Fail to start (1 point).• Sea water no flow (2 points).• Engine running warning light (1 pt).• AC voltage and frequency (1 point).• Engine start/stop button (4 points)• Hour meter (1 point)			
4.4	Designed and built in an ISO 9001-certified or equivalent standard facility (5 points)			
4.5	Have an environmental compliance certificate from the Environmental Protection Agency (EPA) meeting Tier 4 standards (10 points)			

4.1.2 Financial Evaluation

SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price

4.2 Basis of Selection – Lowest Price Per Point

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation;
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum of **36** points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of **60** points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive. Neither the responsive bid that receives the highest number of points nor the one that proposed the lowest price will necessarily be accepted. The responsive bid with the lowest evaluated price per point will be recommended for award of a contract.

4.2.1 Sample Calculation of lowest price per point

The table below provides an example where all three bids are responsive and where the contractor selection is based on the proposed price divided by the number of points. The bidder with the lowest price per point will be awarded the contract.

	Bidders		
	A	B	C
Price	\$30,000.00	\$35,000.00	\$40,000.00
Score	40	47	50
Ratio price/point	$30000/35 = \$750.00$	$35000/42 = \$744.68$	$40000/45 = \$800.00$
Rank	2	1	3

As per the above example, the selected bidder for contract award would be bidder B.

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PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) website.

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Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

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PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirement

There is no security requirement applicable to this Contract.

6.2 Requirement

The Contractor must provide two (2) Marine Generator Sets, in accordance with the Requirement at Annex " A ".

6.2.1 Optional Warranty Period of two additional years :

The supplier grants to Canada an irrevocable option to purchase an additional two year warranty period on top of the warranty period of two years/1000 hours described in Technical Specifications under Annex A under the same conditions.

Canada may exercise this option at any time by sending a written notice to the Supplier at least fourteen (14) calendar days after contract award date. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

The paragraph 09 « Warranty » of 2010A, General Conditions – Goods (Medium Complexity), is amended as follows:

Delete: 12 months

Insert: 24 months

6.4 Term of Contract

The period of the contract is from date of contract to the end of the warranty period.

6.4.1 Delivery Date

All the deliverables must be received on or before 8 weeks after contract award.

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6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Michael Woods
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Telephone: 418-649--2715
Facsimile: 418-648-2209
E-mail address: michael.woods@tpsgc-pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is: (to be filled and contract award)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone : _____
Facsimile: _____
E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

The Contractor's representative will be:

Name: _____

Title: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

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6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the province of Quebec.

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) Articles of Agreement;
- (b) General conditions 2010A (2015-09-03), General Conditions - Goods (medium complexity);
- (c) Annex A, Requirements;
- (d) Annex B, Pricing
- (e) Contractor's bid dated _____.

6.11 Defence Contract

SACC Manual clause A9006C (2012-07-16) Defence Contract

6.12 SACC Manual Clauses

SACC Manual clauses G1005C (2008-05-12) Insurance

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ANNEX A

Requirement

Supply and deliver to the Department of Fisheries and Oceans Canada / Canadian Coast Guard, two (2) in number Marine Generator Sets to replace those on board Hydrographic Service of Canada boats. These Generator Sets will be installed in a confined space measuring 1000 mm X 600 mm X 650 mm.

The Generator Sets must meet the following minimum requirements:

1. Standard electrical specifications:

- a. Prime Power: 9 kW minimum
- b. Voltage: 120 Volts
- c. Amperage: 70 to 80 A
- d. Phase: 1
- e. Cycle: 60 Hz

2. Dimensions and weight:

- a. Max. length: 1,000 mm
- b. Max. width: 600 mm
- c. Max. height: 650 mm
- d. Max. dry weight: 300 kg

3. Generator sets must include the following:

- 3.1 Connections: Inlet and outlet for fuel, sea water, battery power and exhaust on the left side of the housing to allow for installation in the vessel's confined space (1,000 mm x 600 mm x 650 mm); Connections must be made on the left side, as the configuration of the connections on that side prevent the need for investing a great deal of money to accommodate a different product, that is, having to completely reorganize the connections;
- 3.2 An environmental compliance certificate from the Environmental Protection Agency (EPA) meeting a minimum Tier 3 standard;
- 3.3 A 4-stroke No. 2 diesel engine with a minimum of 2 cylinders, a starter and a 12-V alternator/charger.
- 3.4 A front access panel providing access to: the sea water pump, oil filler, fuel/oil filter and oil level, oil drain, coolant drain, fire extinguisher mount and fuel filter. This is the only way to access the generator components without removing the generator set from its support. The back and left side are inserted into the frame of the vessel. Therefore, all that remains is access to the front and the right side, which is essential.
- 3.5 An electronic regulator to maintain isochronous frequency control and properly regulate voltage to meet the power requirements of the digital equipment and computers. A maximum frequency variation of +/- 0.5% and a voltage variation of +/- 1.5%. The frequency cannot be increased, as

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it meets the equivalent set out in the criteria for home electrical devices and avoids the need to add the UPS system, which would correct any generator malfunctions.

3.6A full warranty of at least 2 years / 1,000 hours and an additional optional warranty of 2 years.

3.7 A diesel fuel primer pump with a lifting capacity of at least 1.22 m. The lifting capacity may be greater, but not lower.

3.8 Approval for marine use by a classification society that has an official agreement with Transport Canada (e.g., Lloyd's Register, BV, ABS or GL).

3.9Be in a sound dampening housing.

4. Technical specification constituting an asset:

4.1A start switch with ignition pre-heater. For a diesel combustion engine.

4.2 A maximum full load noise level of 71dB(A) measured at 1 metre. A lower noise level would be acceptable.

4.3 An industry standard remote surveillance system with digital display and independent automatic stop system with a minimum 13-meter electric cable to read diagnostics for the following:

- Battery voltage.
- High jacket water temperature.
- High exhaust temperature.
- Low oil pressure.
- Over speed.
- High voltage.
- Fail to start.
- Sea water no flow.
- Engine running warning light.
- AC voltage and frequency.
- Engine start/stop button.

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- An hour meter.

4.4 Designed and built in an ISO 9001-certified or equivalent standard facility.

4.5 An environmental compliance certificate from the Environmental Protection Agency (EPA) meeting Tier 4 standard

5. The supplier must:

5.1 Have manufacturer-trained and approved technicians.

5.2 Have a manufacturer-authorized network of locations and/or dealers in the province of Quebec to meet parts and service needs when vessels are travelling in our Central and Arctic Region.

5.3 Be able to provide manufacturer-approved technical support, maintenance and mechanical/electrical repair services in French, both on site and in the shop.

6. Deliverable:

Provide 2 copies of the original manufacturer's documents in French: Installation, maintenance, repair, and parts manuals, as well as the safety manual for the health and operation of the group. Warranty certificate. In the event that the French version is not available, the English version may be acceptable. A set of the minimum spare parts recommended by the manufacturer for marine cruise vessels: Oil filter, filter key, fuel filter, sea water pump impeller kit, belt, casing and the marine engine maintenance and service program.

Provide the following installation options: Elbow and wet mufflers with water inlet and outlet for generator exhaust.

An isolation/conversion kit required for grounding.

A fuel filter with water separator.

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ANNEX B - Pricing

Important: Bidders must quote a price for each Item or indicate "Included" otherwise their proposal will be declared non-responsive.

Item	Description	Quantity	Firm Unit Price	Calculated Price
1	Marine Generator Sets, as described at annex A.	2	\$	\$
2	Elbow and wet marine muffler with water inlet and outlet for generator exhaust gas.	2	\$	\$
3	Isolation/conversion kit required for grounding.	2	\$	\$
4	Fuel filter with water separator.	2	\$	\$
5	OPTION: Two year additional warranty period	2	\$	\$
TOTAL :				\$

*Customs duties are included and all applicable taxes are extra, if applicable.

Specify the brand name: _____

Specify the model number: _____