



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

FAX pour soumissions: (418) 648-2209

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

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 Uninterruptible Power Supply	
Solicitation No. - N° de l'invitation F7048-190007/A	Date 2019-07-23
Client Reference No. - N° de référence du client F7048-190007	
GETS Reference No. - N° de référence de SEAG PW-\$QCN-037-17730	
File No. - N° de dossier QCN-9-42065 (037)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-09-09	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Roy, Alain	Buyer Id - Id de l'acheteur qcn037
Telephone No. - N° de téléphone (418) 649-2845 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DES PECHEES ET DES OCEANS Canadian Coast Gard 101 Champlain Boulevard Québec Québec G1K 7Y7 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée Voir doc.	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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	3
1.1 SECURITY REQUIREMENTS	3
1.2 REQUIREMENT	3
1.3 DEBRIEFINGS	3
1.4 TRADE AGREEMENTS	3
1.5 EPOST CONNECT SERVICE	3
PART 2 - BIDDER INSTRUCTIONS	4
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	4
2.2 SUBMISSION OF BIDS	4
2.3 ENQUIRIES - BID SOLICITATION.....	4
2.4 APPLICABLE LAWS.....	5
PART 3 - BID PREPARATION INSTRUCTIONS.....	6
3.1 BID PREPARATION INSTRUCTIONS	6
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	8
4.1 EVALUATION PROCEDURES.....	8
4.2 BASIS OF SELECTION.....	9
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION	10
5.1 CERTIFICATIONS REQUIRED WITH THE BID	10
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	10
PART 6 - RESULTING CONTRACT CLAUSES	12
6.1 SECURITY REQUIREMENTS	12
6.2 REQUIREMENT	12
6.3 STANDARD CLAUSES AND CONDITIONS.....	12
6.4 TERM OF CONTRACT	12
6.5 AUTHORITIES	12
6.6 PAYMENT	13
6.7 INVOICING INSTRUCTIONS	13
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	14
6.9 APPLICABLE LAWS.....	14
6.10 PRIORITY OF DOCUMENTS	14
6.11 SACC MANUAL CLAUSES	14
6.12 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION	14
ANNEX « A » – STATEMENT OF REQUIREMENTS.....	15
ANNEX « B » – BASIS OF PAYMENT	17
ANNEX « C » - CERTIFICATION AND BIDDER FORMS.....	18

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirements.

1.2 Requirement

The requirement is detailed at Annex A.

1.3 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 from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Canadian Free Trade Agreement (CFTA)

1.5 epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

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](#) (2019-03-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

B1000T (2014-06-26) Condition of material – Bid

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.

- 2.2.1 By using the [epost Connect service provided by Canada Post Corporation](https://www.canadapost.ca/web/en/products/details.page?article=epost_connect_send_a) (https://www.canadapost.ca/web/en/products/details.page?article=epost_connect_send_a)
The email address of PWGSC Quebec region Bid Receiving Unit is:
TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

- 2.2.2 Tenders can also be transmitted by fax to **418-648-2209**

- 2.2.3 By mail or in person at:
Public Works and Government Services Canada (PWGSC)
1550, Avenue of Estimaerville
Quebec City, Quebec G1J 0C7

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) 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

Solicitation No. - N° de l'invitation
F7048-190007/A
Client Ref. No. - N° de réf. du client
F7048-190007

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-9-42065

Buyer ID - Id de l'acheteur
qcn037
CCC No./N° CCC - FMS No./N° VME

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 the Province of 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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

The bid must be gathered per section and separated as follows:

Section I: Technical Offer
Section II: Financial Offer
Section III: Certifications

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

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

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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 hard copy 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 RFSO.

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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, Offerors 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.

Solicitation No. - N° de l'invitation
F7048-190007/A
Client Ref. No. - N° de réf. du client
F7048-190007

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-9-42065

Buyer ID - Id de l'acheteur
qcn037
CCC No./N° CCC - FMS No./N° VME

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.

Section II: Financial Bid

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

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

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 the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

Each bid will be reviewed to determine whether it meets the mandatory requirements of the bid solicitation. Any element of the bid solicitation identified with the words "must" or "mandatory" is a mandatory requirement.

Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.

4.1.1.1 Mandatory Technical Criteria

The bidder must include with its proposal:

1. The Table of technical compliance below duty filled-in:

The supplied equipment must meet or better all of the requirements defined below. The supplied equipment is to be new, not used or refurbished. Equipment not meeting all the following Mandatory Requirements will be considered non-responsive.

Bidder must provide with their proposal technical literature/brochures, operating manuals, written documentation (such as a description of equipment components and capabilities) etc., to demonstrate compliance with each area of the criteria stated below at time of bid closing. Proposal evaluation will be based upon the information supplied with the bid only. Failure to demonstrate compliance with any area of the criteria will render your proposal non-responsive and no further consideration will be given. References are to be specific to supporting documentation (ex. document title, page and paragraph number).

Please note that compliance must be demonstrated (by submission of supporting documentation such as technical literature/brochures, operating manuals, written statement describing how requirement is met etc.) and that if an offeror only states "comply" without any further detail, this is not considered as a demonstration compliance. A full description of the performance and capabilities of the equipment must be provided.

Although bidders must propose products meeting all mandatory specifications and components outlined in **Annexes "A"**, at the bid closing date, bids will be evaluated on following preselected mandatory specifications and components:

(See Table on next page)

TABLE OF TECHNICAL COMPLIANCE		
Mandatory Technical Specifications :		Bidder's Specifications (should indicate the reference to the technical documentation of the proposed equipment or indicate the exact information)
		References
1.	Must include a True Online Double conversion.	_____ _____
2.	The Battery runtime must be ≥30 min @ 27KW.	_____ _____
3.	The Output Power capacity must be ≥27 KW.	_____ _____
4.	The Output Power factor must be 0,9	_____ _____
5.	The Heat rejection must be <14000 BTU/hr.	_____ _____

4.1.2 Evaluation of Price

1. Bidders must submit firm prices, customs duties and excise taxes included, and Applicable Taxes excluded.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
3. Bidders must provide prices Delivered Duty Paid (DDP) Fisheries and Oceans Canada – Canadian Coast Guard, 101, boulevard Champlain, Quebec City, QC, G1K 7Y7, Canada, Incoterms 2010 for shipments from commercial contractor.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and all the mandatory technical criteria to be declared responsive. The responsive bid with the lowest Total Bid Price (TBP) (Annex B) will be recommended for award of a contract.

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. Unless specified otherwise, 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 Integrity Provisions - Declaration of Convicted Offences

In accordance with the [Ineligibility and Suspension Policy \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), the Bidder must provide with its bid the required documentation, as applicable, 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 – Required Documentation

In accordance with the [Ineligibility and Suspension Policy \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

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.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

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](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)" list at the time of contract award.

5.2.3 OEM Certification (Annex C)

- (a) Any Bidder that is not the Original Equipment Manufacturer (OEM) for every item of hardware proposed as part of its bid is required to submit the OEM's certification regarding the Bidder's authority to provide and maintain the OEM's hardware, which must be signed by the OEM (not the Bidder). **(Annex C)**

No Contract will be awarded to a Bidder who is not the OEM of the hardware it proposes to supply to Canada, unless the OEM certification has been provided to Canada. Bidders are requested to use the OEM Certification Form included with the bid solicitation. Although all the contents of the OEM Certification Form are required, using the form itself to provide this information is not mandatory. For Bidders/OEMs who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided. Alterations to the statements in the form may result in the bid being declared non-responsive.

- (b) If the hardware proposed by the Bidder originates with multiple OEMs, a separate OEM certification is required from each OEM.
- (c) For the purposes of this bid solicitation, EOM means the manufacturer of the hardware, as evidenced by the name appearing on the hardware and on all accompanying documentation.

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 Requirements

6.1.1 There is no security requirements

6.2 Requirement

The Contractor must provide and deliver to the Canadian Coast Guard, the equipment, in accordance with the Requirement at Annex "A".

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) (<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 (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The contract period is from the date of contract award until 1 year after the acceptance of the deliverables.

6.4.2 Delivery Delay

All deliverables must be received no later than four (4) weeks after contract award.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Alain Roy
Title: Supply Specialist
Public Works and Government Services Canada

Telephone: 418-649-2845
Facsimile: 418-648-2209
E-mail address: Alain.Roy.que@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 Technical Authority

The Technical Authority for the Contract is: (Will be added at Contract Award)

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

Telephone: ____-____-_____
E-mail address: _____

The Technical 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 Technical Authority, however the Technical 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

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

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

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex C for a cost of \$ _____ (insert the amount at contract award). Customs duties are *included* and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Limitation of Price

SACC Manual Clause C6000C, (2017-08-17) Limitation of Price

6.6.3 Terms of payment

SACC Manual Clause H1000C, (2008-05-12) Single payment

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original must be forwarded to the Client Administrative Authority for certification and payment.

- b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications and Additional Information

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

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) the Articles of Agreement;
- b) the General Conditions 2010A (2018-06-21) Goods (Medium Complexity);
- c) Annex A, Requirement;
- d) Annex B, Basis of payment;
- e) Annex C, OEM Certification Form;
- f) the Contractor's bid dated _____ (*insert date of bid*)

6.11 SACC Manual Clauses

G1005C	2016-01-28	Insurance
B1501C	2007-11-30	Electrical Equipment
B7500C	2006-06-16	Excess Goods
D9002C	2007-11-30	Incomplete Assemblies

6.12 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered DDP Delivered Duty Paid; Fisheries and Oceans Canada – Canadian Coast Guard, 101, boulevard Champlain, Quebec City, QC, G1K 7Y7, Canada, Incoterms 2010 for shipments from commercial contractor.

ANNEX « A » – STATEMENT OF REQUIREMENTS

Uninterruptible Power Supply (UPS)

1. Size for the whole system, (UPS/Battery/Transfer switch/transformer)

Width maximum	64 inches
Depth maximum:	35 inches
Height maximum:	70 inches
Audible noise	<63 dBA
Heat rejection	<14000 BTU/hr

2. Topology

True Online Double conversion (Note*1)

*Note*1: The true online, double-conversion permits to monitor incoming electrical power and removes the surges, spikes, sags and other irregularities that are inherent in commercial utility power.*

3. Input

Input voltage	600 vac 3 phases
Must include input isolation transformer	
Input power factor	>0.95

4. Output

Output voltage	208y/120 VAC
Output voltage distortion	<5% THD

5. Rating

Battery estimated runtime	≥30 min @ 27KW
Output Power capacity KVA	30 KVA
Output Power capacity KW	≥27 KW (Note*2)

*Note*2: Due to lack of space, the deliverable power must reach at least 27 KW for a PF of 0.9*

Output Power factor	0,9
---------------------	-----

6. Battery

Hermetic
Maintenance-Free
Housed in the UPS and/or in one or more cabinets of the same size as the UPS itself

7. Bypass switch

Must include an internal maintenance bypass switch

8. Monitoring

Must include at least one Ethernet network port 100BaseT
SNMP / HTTP capability for monitoring through a web page dashboard type

9. Control Panel

Front control panel
Language capability English and French

Measurement:

Input: Voltage L-N, L-L, Current - Frequency
Output: Voltage L-N, L-L, Current, Frequency, Power KW-KVA-PF
Battery: Voltage, Current, Runtime
Bypass: Voltage L-N, L-L, Frequency
Shows event log

Control:

Go to Bypass mode and normal mode
Start battery test
Display test
Turn UPS ON-OFF

10. Remote power off

Must be able to shut down remotely the UPS through internal contacts

11. Maintenance service

- The Contractor must be able to provide a repair service by a qualified and certified technician by the manufacturer of the UPS itself.
- The Contractor should be able to provide common critical spare parts to fix any breakage
- The contractor must be able to provide a 24/7 service and be able to respond to a service call within 4 hours
- The contractor must be able to offer service in French.

Special note 1:

"This UPS is a major part of the good functionality of the CCG network OPNET
The OPNET network feeds all the communication between the CCG MCTS*3 centres across the Canada Wide. Any failure in the CCG MCTS communications may result in minor to major impacts such as death for users / mariners of Canadian navigable waters. Please consider this aspect in the choice of the equipment described. The reliability is a crucial element.
Note 3: MCTS = Marine Communications and Traffic Services"

Special note 2:

The physical installation and electrical connection of this unit will be the responsibility of the CCG. This device will be used to replace an existing device at the end of its life cycle. The start-up and calibration of the equipment must be carried out by an authorized repairer in coordination with the CCG.

ANNEX « B » – BASIS OF PAYMENT

Item	Description	Qty	Total Firm Price
1	Uninterruptible Power Supply (UPS) In accordance with the specifications set out at Annex « A ». Brand offered: _____ Model offered: _____	1 each	\$
2	Operator, maintenance and repair manual	1 lot	\$
3	Delivery DDP (Quebec City, QC, Canada), including customs duties, handling and delivery.		\$
TOTAL BID PRICE (TBP) =			\$

Solicitation No. - N° de l'invitation
F7048-190007/A
Client Ref. No. - N° de réf. du client
F7048-190007

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-9-42065

Buyer ID - Id de l'acheteur
qcn037
CCC No./N° CCC - FMS No./N° VME

ANNEX « C » - CERTIFICATION AND BIDDER FORMS

Form – To be submitted with bid

REF.: 5.2.3 OEM Certification

OEM Certification Form

This confirms that the original equipment manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under any contract resulting from the bid solicitation identified below.

Name of OEM	_____
Signature of authorized signatory of OEM	_____
Print Name of authorized signatory of OEM	_____
Print Title of authorized signatory of OEM	_____
Address for authorized signatory of OEM	_____
Telephone no. for authorized signatory of OEM	_____
Fax no. for authorized signatory of OEM	_____
Date signed	_____
Solicitation Number	_____
Bidder's name	_____