



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions -
TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

**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

Ship Refits and Conversions / Radoubss et
modifications de navires and / et

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau, Québec K1A 0S5

Title - Sujet Heating, ventilation, air condition	
Solicitation No. - N° de l'invitation F2599-220237/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client F2599-220237	Date 2022-10-16
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-047-28780	
File No. - N° de dossier 047md.F2599-220237	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-11-02 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Slater, Hugh	Buyer Id - Id de l'acheteur 047md
Telephone No. - N° de téléphone (343) 553-9156 ()	FAX No. - N° de FAX () -
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

N° de l'invitation – Solicitation
F2599-220237
N° de réf. du client - Client Ref. No.
F2599-220237

N° de la modif - Amd. No.
004
File No. - N° du dossier
047md. F2599-220237

Id de l'acheteur - Buyer ID
047md
N° CCC / CCC No./ N° VME - FMS

Amendment 004 to the RFP is raised to:

- 1. Bidder's Conference Meeting Minutes**
 - 2. To Make Changes to RFP**
 - 3. To Make Changes to the SOW**
 - 4. To change the End Date to November 2, 2022**
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1. Bidder's Conference Meeting Minutes

See Attached Document - ENG-F2599-220237- Bidders Conference Minutes V1.0

2. To Make Changes to the RFP

In Annex "E

Delete M9 in its entirety

Insert

M9	Bidder must confirm delivery of HVAC/R systems no later than November 17, 2023.	Substantial information.
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3. To Make Changes to the SOW

Delete in It's Entirety
Section 4.1.4

Delete in It's Entirety
Section 5.2.9.4

Insert

- 5.2.9.4 The Supplier must provide a means to prevent over-pressure in the refrigerant gas and related system, as per SOR-90-264 Schedule XI, Part 1 Section 4.1. Any relieved refrigerant must exhaust to the exterior. A visual indication must be provided to indicate an over-pressurization event has taken place.

Delete in It's Entirety
Section 6.2.3.3

Insert

6.2.3.3 The Supplier's DCCU must be designed to meet the combined cooling demands of the cooler and freezer. The compressor/condenser units must be designed to provide full redundancy for breakdown or maintenance. A dual compressor/single condenser arrangement will be considered if space limitations preclude achieving redundancy of the condenser. The evaporators and control elements are not part of the redundancy requirement.

Delete in It's Entirety
Section 6.2.3.4.a

Insert

6.2.3.4.a Two (2) hermetic or semi-hermetic compressors complete with unloaders, safety relief valves, crankcase heaters, oil pressure safety protection, suction/discharge valves, high- and low- pressure control switches, motor protection and head cooling fans. Compressors must be step capacity to have the ability to reduce capacity at low load states.

Delete in It's Entirety
Section 8.1.1

Insert

8.1.1 The Supplier must provide heating season, cooling season and air volume load calculations for the HVAC systems as fitted on the CCGS Limnos. The calculations must be approved by a HVAC/R mechanical engineer or engineering technologist with at least four years experience in the design and/or installation of HVAC/R systems and at least two years experience designing HVAC/R systems for marine applications.

Delete in It's Entirety
Section 6.2.3.4.b

Insert

6.2.3.4.b Two (2) plate type raw water-cooled heat exchangers to service each independent section of compressor package. Heat exchangers must be approved for marine use and fabricated in 304/316 stainless steel and/or cupronickel (Cu-Ni). Flanges must be fitted with galvanic isolation protection. Heat exchangers must incorporate sacrificial anodes.

Delete in It's Entirety
Section 6.2.3.4c

Insert

6.2.3.4c One (1) marine type receiver of capacity to provide for one full system refrigerant charge plus 20%. Receiver must have bullseye sight glasses at the operating level and 80% of operating level. Receiver must be complete with shut-off valves and relief valves piped to condenser inlets.

Delete in It's Entirety
6.2.3.4 section D and E

Insert
6.2.3.4

- d) Two (2) oil separators, sized accordingly. If the constraints of the Fan Room do not permit the inclusion of redundant oil separators, the Supplier may include only one (1) oil separator.
- e) Two (2) driers complete with shells and bypass. If the constraints of the Fan Room do not permit the inclusion of redundant driers, the Supplier may include only one (1) drier

Delete in It's Entirety
6.2.3.4 Section H

Insert
6.2.3.4

- h) Two (2) sets of gauges or pressure transducers including; compressor suction pressure, compressor head pressure, compressor oil pressure. If gauges, these must be fitted with valves to permit isolation. If transducers, these must provide pressure and pressure cut-out information to the PLC.

4. To change the End Date to November 2, 2022

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED

CCG Limnos
PWGSC File Number: F2599-220237
Bidders' Conference - Virtual
September 19, 2022

Attendees:

Hugh Slater – Public Service and Procurement Canada (PSPC)
Robert Hellier – Canadian Coast Guard (CCG)
Marcus Knight - Bronswerk-Alscott
Mark DeAngelis – Morrison AC

OPENING REMARKS:

Canada welcomed all bidders and thanked them for their participation in the process and introduced teams from PSPC and CCG.

The purpose of the conference was to review all documents issued to date with respect to the CCG Limnos and to discuss any contractual and technical issues related to them. Canada stated that they will not be reading the document in its entirety, only highlighting specific areas; it is assumed that prospective bidders have read the document and have some predefined questions or that clarifications are required after the site visit.

PART 1:

1) Documents Issued to Bidders:

The following documents have been published:

- A) Request for Proposal (RFP) package for solicitation No. F2599-220237 (August 18,2022)
- B) Three Solicitation Amendments as of September 19, 2022

2) Reminders on the procurement process.

The following comments were made by the PSPC Contracting Authority (CA):

- a. Bid Closing date is October 19, 2022 @ 2PM Eastern Daylight Time.
- b. Bids are to be submitted to the PSPC Bid Receiving Unit via EPOST ONLY.
- c. Bidders can only request clarifications/changes to the RFP to the PSPC CA up to 5 business days prior to the bid closing date.
- d. Bidders shall not add comments, notes or conditions to the RFP. Adding comments, notes or conditions to the RFP will result in the bid being non-responsive.

3) Review of the RFP

Part 1 – General Information on the project:

For the contractor to Supply equipment of the Heating, Ventilation and Air Conditioning/Refrigeration Systems for the CCGS Limnos in accordance with the Statement of Work, and any associated technical information. 1 contract will be issued

Delivery Date: No later than November 17, 2023

Delivery Location: Canadian Centre for Inland Waters (CCIW)
867 Lakeshore Rd.
Burlington ON, Canada
L7S 1A1

Part 2 – Bidder Instructions:

Bids must be submitted only to PWGSC Bid Receiving Unit by the date, time and place designated on the front page of the RFP of the bid solicitation.

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

Part 3 – Bid Preparation Instructions:

Only Epost accepted

Prices can only be appear in the financial bid.

Part 4 – Evaluation Procedures and Basis of Selection:

Bids will be assessed in accordance with the entire requirement.

Canada reserves the right to request information to support any bid requirement.

Basis of Selection – the lowest priced compliant bid will be recommended for contract award.

Part 5 –is information regarding Certifications, nothing out of standard here.

a. Part 6 - Resulting Contract Clauses

All the standard clauses, no changes

b. Annexes B to F (PSPC)

Annex B Basis of Payment:

Annex C to Part 5 of the bid solicitation

Annex D Mandatory Checklist Deliverables : is the list of the mandatory deliverables to include with the bid. All these deliverable must be included with the bid to be considered compliant

Annex E Mandatory Technical Criteria

Annex F Warranty

Part 2:

Review of the Technical Specification by CCG.

Vendor Questions

Vendor Question: 4.1.4 - is it ok to use 2 different refrigerants?

CCG Response: CCG permits the HVAC system and Refrigeration system to utilize different refrigerants, as required, to be optimized for the cooling requirements of these systems.

Vendor Question: 6.2.3.3 – Clarify 2 separate condensing units with R404? Not for evaporators only compressors. This is where they were asking about Redundancy units, also asked if 1 control panel would be efficient?

CCG Response: The clause is amended to address the questions. The evaporators and control elements are not part of the redundancy requirement.

Vendor Question: Question about access door, can it be wider ?

CCG Response: The CCG understands that the current doorway to the Fan Room may be too small for certain components that cannot be easily broken down to fit. The CCG will consider cutting the doorframe to the extents of the bulkhead bracing, but not beyond. The maximum opening would then be 28.5 inches (72.4 cm) width by 79 inches (202 cm) height. The Supplier must indicate in the bid that the system will require an opening larger than the existing door to the Fan Room.

Vendor Question: 6.2.3.4 Section C is horizontal receiver ok ?

CCG Response: The CCG removes the vertical receiver requirement to allow a range of appropriate solutions.

Vendor Question: 5.2.9.4 The Supplier's relief valve must exhaust to the exterior and fitted with a "P" trap with sight glass on the relief side or an alternate visual indication that the relief valve has lifted.

CCG Response: See Amendment for Changes to SOW

Vendor Question: 6.2.3.4.a - The requirement for receivers, about water cool or refrigerants - Question about oil pressure controls and being hermetic(?) Maybe no oil pump needed ?

CCG Response: See Amendment for Changes to SOW

Vendor Question: In section 8.1.1 Qualified engineer and same with 8.1.2 – what does this mean ? In Section 8.1.3 – Is it provincial or federal regulations _ asking for more specific

CCG Response: See Amendment for Changes to SOW

Vendor Question: 6.2.3.4 Section B, question about grade

CCG Response: See Amendment for Changes to SOW

Vendor Question: 6.2.3.4 Section C is horizontal receiver ok ?

CCG Response: The CCG removes the vertical receiver requirement to allow a range of appropriate solutions.

Vendor Question: 6.2.3.4 section D and E – mentions 2 oil separators , so question if only 1 ok ?

CCG Response: See Amendment for Changes to SOW

Vendor Question: 6.2.3.4 Section H – question about gauges needed, can they be transducers or do they require manual ?

CCG Response: DCCU operator feedback may be via manual gauges in the Fan Room or via transducers, feeding information to the PLC. This is addressed in the amendment.

SOW Changes Due to Bidder Questions or Concerns at the Bidder's Conference

See SOW changes in Amendment 004

PART 3:

a. **Varia**

b. **Conclusion of Bidders Conference**
PSPC and CCG thanks all attendees for their interest.