

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 0A1 / Noyau 0A1
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 CCGS Samuel Risley refit 2014	
Solicitation No. - N° de l'invitation F2599-145028/A	Amendment No. - N° modif. 014
Client Reference No. - N° de référence du client F2599-145028	Date 2014-07-03
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-018-24496	
File No. - N° de dossier 018md.F2599-145028	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-07-16	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Vandal, Paul	Buyer Id - Id de l'acheteur 018md
Telephone No. - N° de téléphone (819) 956-0645 ()	FAX No. - N° de FAX (819) 956-0897
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

QUESTIONS AND ANSWERS

Q.39

Further to Q. 35b in Amendment No. 009

Please confirm that the work the ship's crew will perform in support of the TCMS Inspections will include: dismantling, cleaning and reassembling components.

A. 35b) Ship's crew to perform inspections and testing to satisfy TCMS requirements.

Question

Please advise who is to dismantle, clean and reassemble components so that TCMS can conduct its inspections?

A.39

As indicated on amendment No. 009 A. 35b – work items to be performed by crew scheduled refit, crew will be responsible for dismantle, clean and reassembly components for the TCMS inspections.

Q.40

Further to Q.23 in Amendment No. 007

Reference, ITT Part 3 and Part 4.1 - Part 3 Bid Preparation Instructions indicates that bidder prepare 3 separately bound Sections I, II and III. Part 4, Evaluation Procedures, para 4.1 indicates only 2 sections; Sections I and II where the Certifications are included in Section I. Would the Crown please clarify the number of separately bound Sections and the contents required (as per Annex J1). A.23) 3 separately bound Sections required. Contents required (as per Annex J1) to follow.

Question

When will Annex J1 be supplied to bidders?

A.40

See updated Annex J1.

Q.41

Further to Q. 37 in Amendment No. 011

For those sub-contractors imposed by Canada as sole source i.e. Wartsila and Detroit Diesel, and who do not accept flow down of terms and conditions from the prime contract, is Canada going to accept their terms and conditions?

A.37) As per General Terms and Conditions 2030-06 Subcontracts.

2030-06 it states In any subcontract other than a subcontract referred to in paragraph 2.(a), the Contractor must, unless the Contracting Authority agrees in writing, ensure that the subcontractor is bound by conditions compatible with and, in the opinion of the Contracting Authority, not less favourable to Canada than the conditions of the Contract, with the exception of requirements under the Federal Contractors Program for employment equity which only apply to the Contractor.

Question

Wartsila has stated it will not accept the flow down of Canada's contract terms and conditions. As a result, bidders must use Wartsila's attached General Terms and Conditions-Parts 2011 and General Terms and Conditions – Service Work 2011, which are non-negotiable. Does Canada (the Contracting Authority) consider the attached Wartsila terms and conditions compatible with and not less favourable to Canada than the conditions of the contract? Similarly the same question would apply to the Detroit Diesel sub-contract terms and conditions. A response to this question is mandatory to ensure any and all bidders respect Conditions 2030-06.

A.41

Any gap with the Invitation to Tender's Terms and Conditions between the shipyard and their subcontractor has to be covered by the shipyard within their proposed price.

Q.42

Item 15.0 - Radar System Installation - FSR Support - Ref: Para 15.1.1

“The Contractor shall bring in an FSR for system commissioning and to demonstrate the functionality of the new radars for the TA and the TI.”

Question

Since the particular equipment the CCG wishes to install during this spec item has not yet been selected, can the requirement for an FSR be changed to either 1379 action, or to CCG's account?

A.42

Item 15.0 cancelled

Q.43

Under Section 8 it identifies galvanized Schedule 80 steel for Black and Grey Water piping replacements. Is this material specification firm, or can the successful Shipyard suggest another material option for this piping?

A.43

Please see revised drawing to reflect the pipe schedule change - Spec. Section 8.0.

Q.44

Section 7.0 Main Deck Covering Replacement, referencing sub sections, 7.2.7.1 and 7.2.13.1

The thickness of the existing floating floor and floor coverings are indicated as 76mm thick, So my question is for all who are bidding the reinstallation of the A-60, acoustic underlayment and floor coverings, can we refer back to the guide that was provided by the CCG Samuel Risley in 2012 when this similar project was tendered? “Stair Tower Deck Repair” this guide shows the thickness of each application of underlayment’s and floor coverings required?

This guide also shows the proper application of the A-60 and the acoustic underlayment’s. A change to drawing OSK1 should be made.

I have attached a scanned copy the guide that was provided in the RFQ package in 2012 from the CCG.

A.44

The final design, layup and thickness of the composite Dex-O-Tex or equivalent flooring shall be determined by the contractor in consultation with the flooring manufacturer. The contractor shall provide in writing from the manufacturer that the layered composition meets A-60 fire barrier requirements, has a high level of acoustic dampening, meets all required marine regulations and manufacturer’s warranties. All drawings provided by CCG/PWGSC are for guidance only to detail the flooring requirements of an A-60 fire barrier and acoustic barrier incorporated into the flooring system. All flooring layup drawings, material data sheets and written manufacturer’s approvals shall be submitted to the TA prior to installation.

Q.45

9.0 p.61 – Ballast Tanks Inspections....

Question

9.2 Is it possible to have the capacity of the following tanks:

Void Tank Aft	aft peak	40 m ³
Void, Port	frame 27-32	16 m ³
Void, Stbd	frame 27-32	16 m ³
Cofferdam, Center	frame 27-28	5.5 m ³
Cofferdam, Port	frame 22-25	19 m ³
Cofferdam, Stbd	frame 22-25	19 m ³
Sewage Holding Tank, Port	frame 37-39	12 m ³
Sewage Holding Tank, Stbd	frame 37-39	12 m ³

A.45

Approximate values are indicated in the above list. It shall be noted that the Voids Port and Stbd are not air tight and serve only as a separation between the fresh water tanks and the waste oil/oily water tanks. In the past they have been found to contain about a 5 litre pail of condensation.

Q.46

7.2.5.1 p.42 . The contractor shall remove the remaining fuel approx. 300 litres... and 5000 Litres in Port Side.

Question

Can you clarify the quantities of fuel and tanks have to be cleaned?

Settling tank Fuel = 300 Litres

Day tank Fuel = 300 Litres

And 5000 Litres in Port side ?

A.46

The contract reads " ...approximately 300 litres in Starboard side and 5000 Litres in Port side settling/day tanks)..." in other words 300 litres Port Day tank. 5000 litres Starboard Settling tank. total of 5300 Litres

Q.47

7.2.6 p.42 Other Tanks

Question

7.2.6.1 [...] réservoir situé entre les images 31 et 41 [...] Que signifie «images»?

A.47

No impact for the english version (translation error in the french version)

Q.48

7.2.6.1 What is the capacity of these tanks and what is the content type of the tanks:

Void Frame 27-32 Port & Starboard

Stand-by Sewage Tanks Frame 37-39 Port & Starboard

A.48

Void tanks 27-32 Port and STBD are not expected to have any contents of any type liquid or solid. Standby Sewage Tanks Frame 37-39 Port and STBD are seldom used. The contents of the tank will be approximately 1 to 2 cubic meters. The tanks are stand by sewage tanks and the contents shall be treated as black water (sewage waste).

Q.49a)

SOW Section 5.4.24.1

Is the Contractor obliged to contract with National Marine and Fire Services (NFMS) only or can the Contractor sub-contract with another qualified sub-contractor?

A.49a)

The Contractor can also hire a Sub Contractor, who is authorized and approved to work on board ships on FM 200 suppression systems. An authorization certificate will be forwarded by Contractor to CCG before the work is being carried out.

Q.49b)

If NMFS must be used and that company does not accept the flow down of Canada's terms and conditions (as per Wartsila) will Canada consider NFMS's terms and conditions comparable?

A.49b)

A.37stands (Ref: Solicitation Amendment No.011)

The Shipyard has to provide to Canada with the liabilities as per our terms and conditions.

Q.50

SOW in general. Where Canada directs the Contractor to use a particular sub-contractor and that sub-contractor is overseeing and directing the Contractor's work, does Canada agree that in that case The Contractor cannot be responsible for the sub-contractor's performance?

A.50

A.37 stands (Ref: Solicitation Amendment No.011)

The Shipyard has to provide to Canada with the liabilities as per our terms and conditions.

Q.51

General : When will bidders receive proposals from those subcontractors which Canada is directing bidders to use? Bidders need sufficient time to review and price those elements of their proposals to Canada.

A.51

It is up to the bidder to contact the subcontractors for their proposals and pricing.

Q.52

Ref: 5.4.1

Is that the subcontractor can include in its bid a fixed amount for his travel expenses and accommodations

A.52

The subcontractor will include in its bid a fixed amount only for his expenses and accommodations.

The cost for air fare will be covered with a 1379 action.

ANNEX J**DELIVERABLES/CERTIFICATIONS****J1 Mandatory Tender Deliverables Check List**

Notwithstanding deliverable requirements specified within the bid solicitation and its associated Technical Specification (Annex A), mandatory deliverables that must be submitted with the Bidder's tender to be deemed responsive are summarized below.

The Bidder must submit a completed Annex "J1" Deliverables/ Certifications.

The following are mandatory and the Bidder's submission will be evaluated against the requirements as defined herein. The Bidder must be determined to be compliant on each item to be considered responsive.

Item	Description	Completed and Attached	Section
1	Invitation To Tender document part 1 page 1 completed and signed;		III
2	Completed Annex "I" Financial Bid Presentation Sheet", clauses H1 through H6;		II
3	Completed Pricing Data Sheets, per clause 3.1 Section II, Annex "I", Appendix 1;		II
4	Completed Annex "J1" Deliverables/Certifications;		III
5	Changes to Applicable Laws (if any), as per clause 2.4		III
6	Integrity Provisions - Associated Information, section 5.1.1		III
7	Federal Contractors Program for Employment Equity, Complete section 5.1.2		III
8	Vessel Transfer Cost, as per clause 6.2 and Annex "H"		II
9	Proof of good standing with Worker's Compensation Board, as per clause 6.3		I
10	Proof of valid Labor Agreement or similar instrument covering the work period, as per clause 6.4		I
11	Preliminary Work Schedule , per clause 6.5;		I
12	Fueling and Disembarking Procedures, as per clause 6.6;		I
13	If Registered its Valid ISO 9001-2008 Certification, as per clause 6.7		I
14	Objective evidence of documented Health and Safety System, as per clause 6.8;		I
15	Objective evidence of documented Fire Protection, Fire Fighting and Training Procedure, as per clause 6.9		I
16	Insurance Requirements, as per clause 6.11		II
17	Proof of welding certification, as per clause 6.12		I

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18	Project Management as per clause 6.13		I
19	List of subcontractors, as per clause 6.14		I
20	Example of its Quality Control Plan, as per clause 6.15		I
21	Example of an Inspection and Test Plan as per clause 6.16		I
22	Details of Environmental Emergency Response Plan, Details of Formal Environmental Training as per Clause 6.17		I

J2 Deliverables after Contract Award

Item	Description	Reference	Due By
1	Insurance requirements as per Annex "D"	Clause 7.11 and Annex "D"	10 Working Days after contract award
2	Revised Work Schedule	Clause 7.14	5 calendar days after contract award
3	The Contractor's Quality Control Plan	Clause 7.19	5 calendar days after contract award
4	The list of Government specialized loaned equipment that the Contractor intends to request.	Clause 7.26	3 calendar days after contract award

NGCC SAMUEL RISLEY REPARATION 2014
CCGS SAMUEL RISLEY REFIT 2014

F2599-145028/A

CONFÉRENCE DE SOUMISSIONNAIRES
BIDDERS' CONFERENCE

PROCÈS-VERBAL
MINUTES

La conférence de soumissionnaires s'est tenue dans la salle de conférence de l'édifice de la garde cotière a la base de Parry Sound Ontario. La conférence a débutée a 10:00 AM

The Bidders' Conference has been held in Coast Guard Base building boardroom at Parry Sound Ontario. The conference started at 10:00 AM

1) REMARQUE D'OUVERTURE/OPENING REMARK

A) MOT DE BIENVENUE/WELCOMING MESSAGE:

Le président de l'assemblée a souhaité la bienvenue à tous les participants et a remercié les soumissionnaires présents pour leur intérêt pour le présent projet.

The Chairman wished welcome to all attendees and thanked the bidders in attendance for their interest in this project.

B) INTRODUCTION:

Le président a expliqué que le but de la présente réunion était de passer en revue le document d'Appel d'offres portant le numéro F2599-145028/A et le devis technique afin d'éclaircir tout point qui pourrait être obscur pour les soumissionnaires présents.

The Chairperson explained that this meeting was aimed at reviewing the Invitation to Tender document bearing serial number F2599-145028/A in order to clarify any point brought up by any participant.

C) PRÉSENCES/PERSONS IN ATTENDANCE

Le président de l'assemblée s'est présenté et a indiqué qu'il agirait à titre d'autorité contractuelle pour le projet. Il a alors demandé aux participants de se présenter à tour de rôle.

The Chairperson introduced himself and stated he would be acting as the Contracting Authority during the project. He then asked the persons in attendance to introduce themselves.

Les personnes suivantes participaient la conférence:
Attendies:

Nom/Name	Occupation/Rank	Cie.ou min./Co. or Dept
Marten VandenBroek	Superintendant	Central
Machine and Marine		
Ken McCormick	Superintendant	Central
Machine and Marine		
Alan Lenarduzzi	Project Management	Babcock
David Shay	Director Estimating	Davies
Steve Foster.	Technician	Canal Marine
Bill Inwood	Owner	Canal Marine
Charles Mosher	Sale Service	Canal Marine
Joseph D'Achille	Project Manager	Heddle Marine Service Inc
Kevin Stewart	Project Manager	Allied Marine and Industrial
Mike Healey	Rep.	Allied Marine
and Industrial		
Dave Carr	Manager	Allied
Marine and Industrial		
John McIntyre	President	Allied Marine
and Industrial		
Jean-Claude Collin	Directeur	OCEAN
Doris Chevrier	Chargé de projet	OCEAN
Stephen Pechkoff	Rep.	Wajax
Tim Scott	President	Scott
Marine Interiors		
Adam Smith	Superintendant	Marine
Clean		
Matthew Heddle	Rep.	
Victaulic		
Ian Brouwer –	Account Manager	Wartsila
Canada		

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Eero Hakala	Sales Support Manager	Wartsila
Canada		
Signe Gottfredsen	Captain	Samuel Risley
Brent Hornik	Chief Eng	Samuel Risley
Claude Renaud	Project Manager	CCG
Selim Ullah	Technical Authority	CCG
Paul Vandal	Contracting Authority	PWGSC

2) DOCUMENTATION AUX SOUMISSIONNAIRES

DOCUMENTATION TO BIDDERS

Pas de commentaire
No Comment

3) REVUE DE L'APPEL D'OFFRE / REVIEW OF THE INVITATION TO TENDER

3.1 TERMES ET CONDITIONS

3.1 TERMS AND CONDITION

Partie 1 –RENSEIGNEMENTS GENERAUX

PART 1 – GENERAL INFORMATION

Pas de commentaire
No Comment

PARTIE 2 INSTRUCTION A L'INTENTION DES SOUMISSIONNAIRES

PART 2 – BIDDER INSTRUCTION

Pas de commentaire
No Comment

PARTIE 3 – INSTRUCTION POUR LA PREPARATION DES SOUMISSIONS

PART 3 – BID PREPARATION INSTRUCTION

Pas de commentaire
No Comment

PARTIE 4 –PROCEDURES D'EVALUATION RT METHODE DE SELECTION

PART 4 – EVALUATION PROCEDURES AND BASIC OF SELECTION

Pas de commentaire
No Comment

PARTIE 5 - ATTESTATIONS

PART 5 – CERTIFICATIONS

Pas de commentaire
No Comment

PARTIE 6 – EXIGENCE FINANCIERE OU AUTRES EXIGENCES

PART 6 – SECURITY, FINANCIAL AND OTHER REQUIREMENTS

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6.12 Certification relative au soudage

Annuler le paragraphe (b)

6.12 Welding Certification

Paragraph (b) cancelled

6.14 Liste des sous-traitants proposés

Inscrire l'item en référence à chaque sous-traitant

6.14 List of proposed Subcontractors

Enter reference item to each subcontractor

PARTIE 7 CLAUSES DU CONTRAT SUBSÉQUENT

PART 7 RESULTING CONTRACT CLAUSES

7.3 Durée du contrat

7.3.2 Instructions supplémentaires sur la durée des travaux

Q. Est-ce que la période des travaux de radoub (navire sans équipage) du 13 août 2014 au 10 septembre 2014 peut-être prolongée

R. Non

Q. De l'entrepreneur– Pendant le radoub sans équipage du navire, entre le 13 août et le 10 septembre 2014, la sécurité doit être assurée par l'entrepreneur. En quoi les qualifications du personnel de sécurité doivent-elles consister?

R. L'entrepreneur doit assurer l'entretien et la surveillance du navire sans équipage conformément à l'annexe I de la demande de soumissions de TPSGC. Au retour de l'équipage, le navire doit être rendu au gouvernement du Canada dans le même état que celui dans lequel l'entrepreneur en a assumé la responsabilité.

Q. By Contractor – During the ships unmanned refit time from Aug. 13 to Sept. 10, 2014 security provided by Contractor. If security is needed what is the requirement of qualification for the security personals.

A. The Contractor to assume vessel care & custody for the unmanned portion as per PWGSC ITT Annex I. At the end of unmanned period the vessel to be handed over to Canada in the same condition as it was taken over by Contractor.

7.3 Term of Contract

7.3.2 Additional Instructions to Work Period

Q. Is that the period of refit (unmanned vessel) from 13 August 2014 to 10 September 2014 may be extended

A. No

7.26 Prêts d'équipement – Marine

Item cancelled

7.26 Loan of Equipment – Marine

Item cancelled

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7.27 Certification relative au soudage

Annuler le paragraphe (b)

7.27 Welding Certification

Paragraph (b) cancelled

3.2 DEVIS DE REPARATION DE NGCC

3.2 CCGS REFIT SPECIFICATION

ANNEXE A DEVIS TECHNIQUE

ANNEX A TECHNICAL SPECIFICATION

CCGS Samuel Risley Refit 2014
Specification No: 779.14 Rev 03
Date: April 25, 2014
Prepared by Marine Engineering
520 Exmouth Street
Sarnia ON N7T 8B1

Questions – Bidder's Conference June 19, 2014

1.0 General Notes

Ref. 1.1.22.2

“Can Canada confirm that there is no requirement to work in areas that will include coatings containing lead based paint?

Answer: The contractor required to carry out test for lead as per section 1.1.22.2 on the areas affected due to this specification. Any expence due to lead remediation will be covered as per section 1.1.22.4.

Ref. 1.1.23.2

a. “Can Canada confirm that there is no requirement to work in areas that will include asbestos containing materials? Or any other hazardous materials such as PCBs?

Answer: The Contractor required to carry out test for asbestos and PCB as per guidance on section 1.1.22.2 on the areas affected due to this specification. Any cost due to hazard material remediation will be covered as per guidance on section 1.1.22.4 and 1.1.23.2.

b. If it cannot be confirmed that there is no requirement to work in areas containing hazardous materials, to what extent should the contractor be prepared to test for hazardous materials?

Answer: The contractor to carry out test for hazard materials on the areas affected due to this specification. The intent is to prove condition of the area to be worked upon and take remedial action. The contractor to follow the test sample shots to be taken as per Federal & Provincial regulations.

c. What allowance should bidders include for the testing and identification of hazardous materials?

Answer: The contractor to include in the bid for test sampling and result cost as a separate item.

2.0 Services

No Question

3.0 Vessel Particulars

Question: Draft Conditions upon arrival?

Answer: The vessel will arrive with a minimum draft of 5.2 M forward and 5.3 M of draft aft.

4.0 Bilge Cleaning

No Question

5.0 Main Engine #1 Block Removal and Installation

a. “Can Canada confirm that Wartsila will be responsible for the preparation, conduct, completion, and reporting on the performance trials?”

Answer: Shipyard will be responsible for the preparation, conduct, completion and reporting on the performance trials.

b. “Can Canada confirm that Wartsila will be responsible for the complete engine build and initial operation and commissioning of the engine?”

Answer: Shipyard will be responsible for the complete engine build and initial operation and commissioning of the engine.

If answer is NO:

c. “Can Canada provide a full set of performance criteria, and guidance instructions for the preparation, conduct, completion and reporting on the performance trials?”

Answer: This is the Shipyard responsibility with the Sub-Contractor to provide a full set of performance criteria, and guidance instructions for the preparation, conduct, completion and reporting on the performance trials.

Ref. 5.4.1 -

All ME#1 removeable parts will be have been removed & stripped by CCG at the start of the refit.

Ref. 5.3.3.2 -

Any parts required during the rebuild and installation of the new engine block outside the parts provided in the GFM list of this specs, will be new and supplied by the Contractor.

Ref. 5.4.11.2 -

- A. Wartsila now manufactures a standard crankshaft flywheel flange with threaded holes, for the model of fly wheel that can be fitted to this engine. The crankshaft fly wheel flange has to be prepared in order to be fitted to the existing bolt pattern of the fly wheel which will be reused.
- B. Section 5.4.11.1 explains procedure and supply of parts, for this assembly. Bid package shows the procedure.

Ref. 5.4.24.1 -

The Contractor can also hire a Sub Contractor, who is authorized and approved to work on board ships on FM 200 suppression systems. An authorization certificate will be forwarded by Contractor to CCG before the work is being carried out.

Ref 5.4.13.1 -

The Contractor to note, OEM Wartsila will supply a new ME #1 block to the Yard facility by Sep 30, 2014. A lifting tool will be supplied with this new block by the OEM at this time.

The Contractor to note, the damaged as fitted ME#1 can be removed from the engine room as per guidance provided in sec 5.4.13.1.

Ref. 5.4.4.1 -

The thickness of deck plate in way of the access opening can be found in the bid package reference drawing 161-201-100 (profile and decks).

6.0 Galley Ready Use Fridge Replacement

The work barge will not be on the vessel when CCGS Samuel Risley arrives at the Contractors facility.

7.0 Main Deck Covering Replacement

See Q&A 44.

8.0 Main Deck Grey Water Drains & Black Water Pipe Replacement

Ref. 8.4.2.3.2 -

See Q&A 43.

Ref. 8.4.4.11.1 -

The new manholes do not require a type approval certificate.

9.0 Ballast

Ref. 9.3.1.6 -

How many gaskets needed for the manholes. See answer below on the chart.

Description	Location	Man Hole Covers (inches)
No. 1 Ballast Tank,	frame 44-46	25.5 x 24 (1)
No. 2 Ballast Tank, Port	frame 32-37	24.25 x 25.75 (1)
No. 2 Ballast Tank, Stbd	frame 32-37	24.25 x 25.5 (1)
No. 3 Ballast Tank, Port	frame 27-32	24 x 30 (1)
No. 3 Ballast Tank, Stbd	frame 27-32	24 x 30 (1)
No. 4 Ballast Tank, Port	frame 17-22	25.5 x 24 (2)
No. 4 Ballast Tank, Stbd	frame 17-22	25.5 x 24 (2)
No. 5 Ballast Tank, Port	frame 10-17	25.5 x 24 (1)
No. 5 Ballast Tank, Stbd	frame 10-17	25.5 x 24 (1)
No. 6 Ballast Tank, Port	frame 5-10	25.5 x 24 (1)
No. 6 Ballast Tank, Stbd	frame 5-10	25.5 x 24 (1)
Void Tank Aft		23 x 17 (2) Oval shape
Non-Watertight Void, Port	frame 27-32	25.5 x 24 (2)
Non-Watertight Void, Stbd	frame 27-32	25.5 x 24 (2)
Cofferdam, Center	frame 27-28	24 x 30 (1)
Cofferdam, Port	frame 22-25	25.5 x 24 (1)
Cofferdam, Stbd	frame 22-25	25.25 x 24 (1)
Sewage Holding Tank, Port	frame 37-39	25.5 x 24 (1)
Sewage Holding Tank, Stbd	frame 37-39	25.5 x 24 (1)

Ref. 9.3.1.8 -

The test will be conducted with – air, as per guidance in sec 9.3.1.8.

Ref. 9.4.1.3 -

The ship will come to the Contractors yard as light as possible.

Any disposal of ballast water will be covered under a 1379 action. The disposal will be as per prevailing provincial and federal regulations. Also a disposal manifest paper work shall be forwarded to the CCG at the end of the Contract.

10.0 Bridge Wiper Installation

11.0 Emergency Generator (Diesel Engine) (Survey Item)

Ref. 11.4.5 -

All required load to test will be supplied by - using ships load.

12.0 Megger Test (Survey Item)

No Question

13.0 Sewage Treatment System Pumpout and Cleaning (Optional)

No Question

14.0 Main Engine #2 & 1 FSR Service

Ref. 14.3.6 -

What if any parts / items need to be sent to the OEM shop for overhaul.

A. All items can be ohauled on board by FSR, any item which needs to be sent to OEM shop will not be required. CCG has in stores set of new parts / items which can be supplied to the attending FSR.

15.0 Radar Installation

Item cancelled

4) AJOURNEMENT./ADJOURNMENT.

N'ayant plus d'autres sujets discuter la conférence a été ajournée à 12H15.

There being no other subject to discussed, the meeting was adjourned at 12:15 PM.

Paul Vandal

Autorité contractante/Contracting Authority

Travaux publics et services

gouvernementaux Canada

Public Works and Government Services Canada.

- NOTES:
- 1) HVAC DECK DRAINS RUNS BETWEEN MAIN DECK AND FLOATING FLOOR DECK TO AVOID PENETRATING FUEL TANK
 - 2) ALL THRU-DECK VENTS SHALL BE REPLACED TO 12 ABOVE MAIN DECK ACCEPT WHERE NOTED.
 - 3) ALL REPLACEMENT DRAIN PIPES SHALL BE GALVZINIZED SCH 40 PIPE WITH ENDS MILLED TO ACCEPT VITACULIC COUPLINGS. BULKHEAD AND DECK PENETRATIONS TO BE GALVZINIZED SCH 80 PIPE AS SHOWN ON DWG #0536 PIPE PENETRATION DETAIL.
 - 4) ALL REPLACEMENT DRAIN PIPES SHALL UTILISE GALVZINIZED VITACULIC COUPLINGS FOR ALL JOINTS, ELBOWS ETC.
 - 5) THRU-DECK GW MAIN IN THIS LOCATION SHALL BE REPLACED UP TO COUPLING AS NOTED ON BW AND GW DRAIN DIAGRAM.
 - 6) ALL PRING SHALL BE INSTALLED WITH A MINIMUM 5 DEGREE SLOPE TO PROVIDE PROPER DRAINAGE.
 - 7) ALL DRAINS SHALL BE PROVIDED WITH TRAPS.

2	UPDATE PIPE DIMENSIONS	CJ	2014-06
1	UPDATE PIPE DIMENSIONS	CJ	2014-06
0	INITIAL	CJ	2014-02
rev	description	by	date

Asset - Actif

CCGS - SAMUEL RISLEY

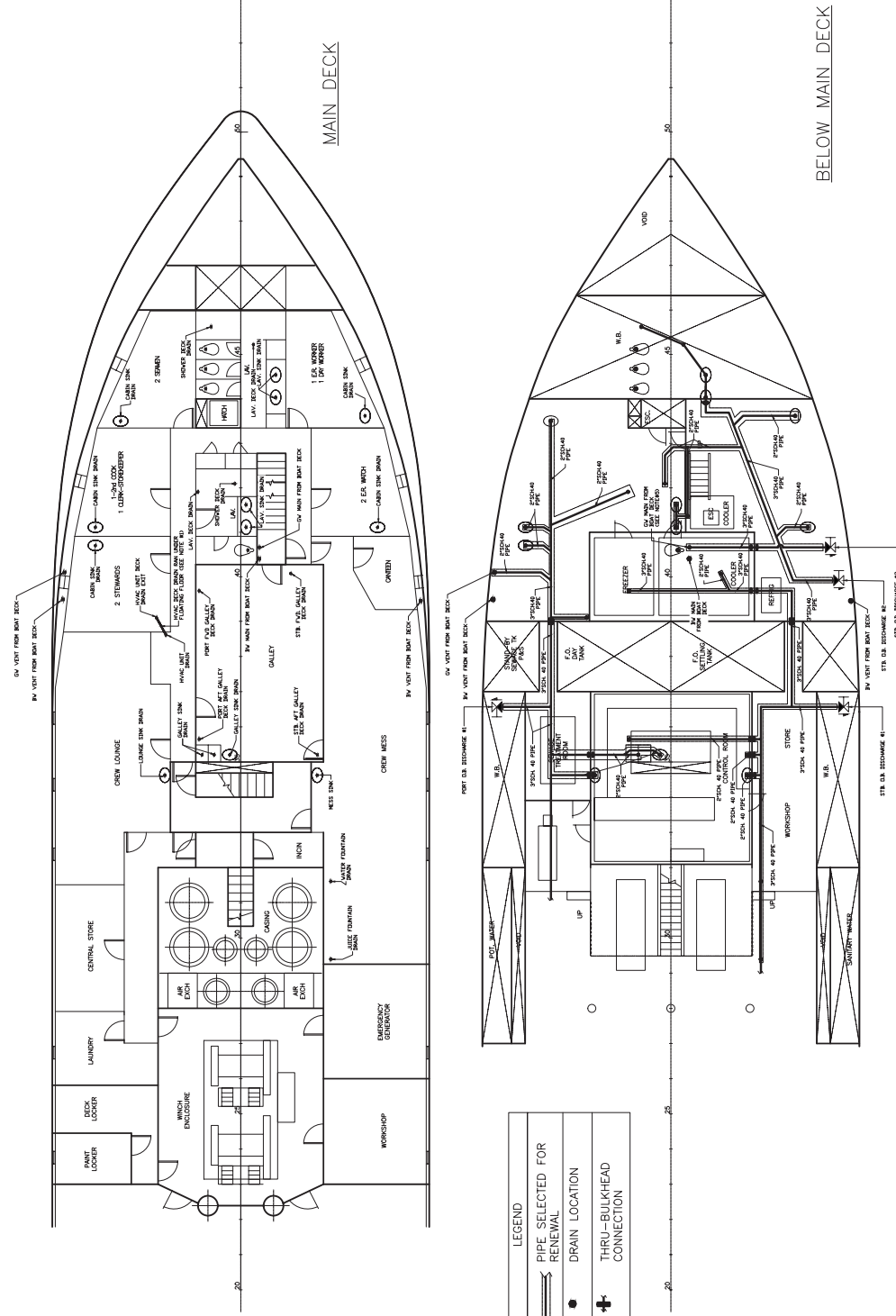
Drawing - Dassin

GREY WATER LAYOUT DIAGRAM

drawn - dessin	date	scale - échelle	date
CJ	2014-02-26	N.T.S.	
designed - conception	date	sheet/feuille	drawn no. - no. dessin
CJ	2014-02-26	2	
checked - vérifié	date		
approved - approuvé	date		
CGG ref. no. - ref. GCG			
drawing no. - no. dessin			

CMS30-236-PL

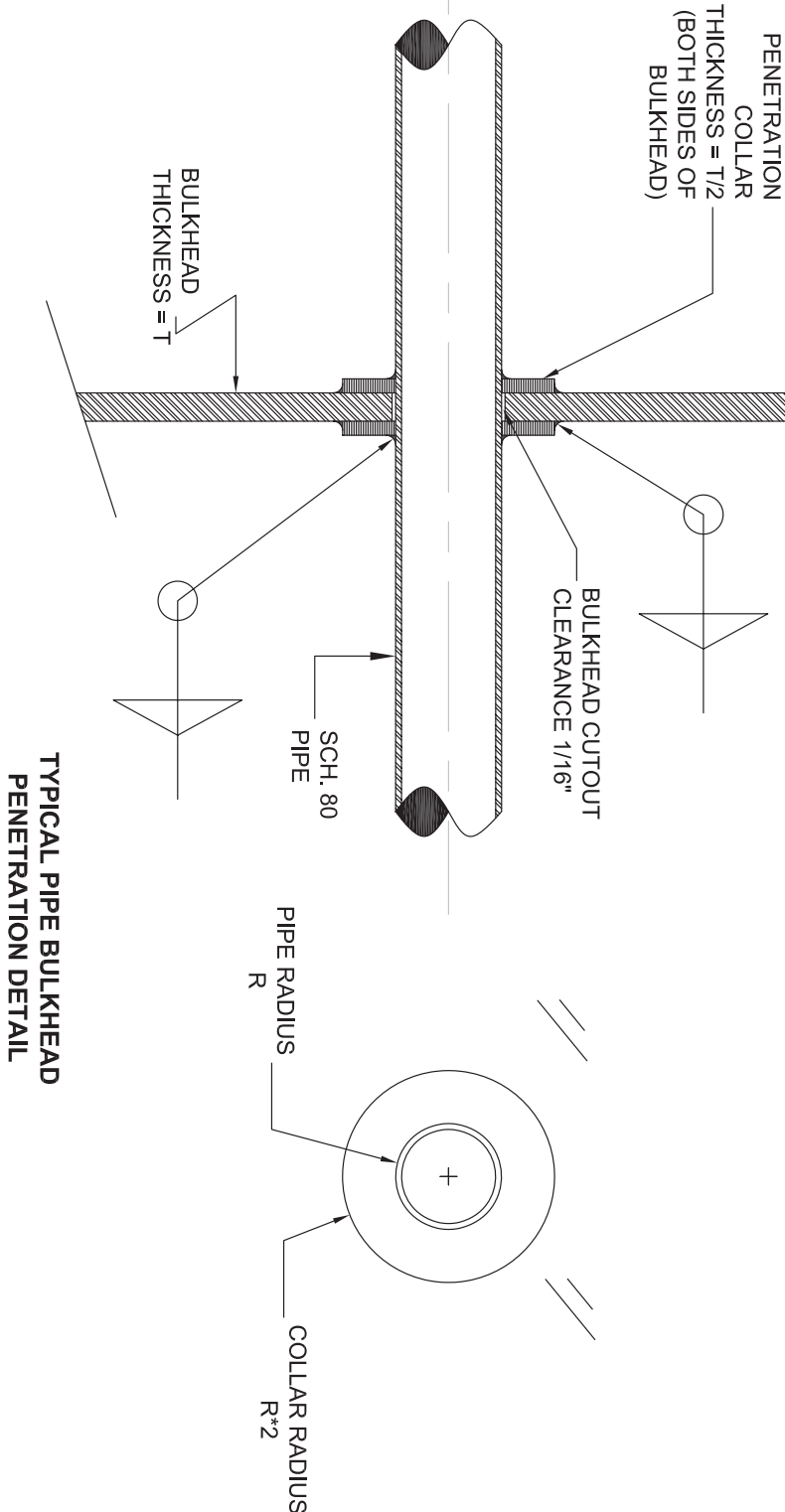
**DRAWING TO BE USED FOR GUIDANCE ONLY
ALL MEASUREMENTS SHALL BE VERIFIED BY CONTRACTOR**



0 1 2 3 4
Inches
0 1 2 3 4
Pouces

DRAWING TO BE USED FOR GUIDANCE ONLY
ALL MEASUREMENTS SHALL BE VERIFIED BY CONTRACTOR

- NOTES:
- 1) BULKHEAD HOLE SHALL HAVE $\frac{1}{16}$ " CLEARANCE AROUND PIPE.
 - 2) ALL WELDS TO BE ADEQUATELY SIZED FOR MATERIAL.
 - 3) THICKNESS OF PENETRATION COLLAR TO BE $\frac{1}{2}$ THE THICKNESS OF THE BULKHEAD.
 - 4) ALL WELDS TO BE CONTINUOUS ON BOTH SIDES OF BULKHEAD.



TYPICAL PIPE BULKHEAD
PENETRATION DETAIL

 Fisheries and Oceans Canada Canadian Coast Guard	Pêches et Océans Canada Garde côtière Canadienne	designed - conception	date checked - vérifié	date	CCGS-SAMUEL RISLEY			Drawing - Dessin
		drawn - dessiné	date approved - approuvé	date	PIPE PENETRATION DETAIL			
		CJ	2014-02-26	CJ	CJ	2014-02	CJ	
		CCG ref. no. - no. réf. CCG	scale - échelle	rev	description	by Date YYYY-MM DD	drawing no. - no. dessin	sheet number rev
			1:2				OSK3	1