



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada

Pacific Region

401 - 1230 Government Street

Victoria, B.C.

V8W 3X4

Bid Fax: (250) 363-3344

INVITATION TO TENDER

APPEL D'OFFRES

**Tender 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.

**Soumission 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 et 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

Public Works and Government Services Canada -
Pacific Region

401 - 1230 Government Street

Victoria, B. C.

V8W 3X4

Title - Sujet Intake Protection Grid	
Solicitation No. - N° de l'invitation EZ108-201358/A	Date 2019-09-27
Client Reference No. - N° de référence du client EZ108-201358	GETS Ref. No. - N° de réf. de SEAG PW-\$XLV-588-7829
File No. - N° de dossier XLV-9-42124 (588)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-11-12	
Time Zone Fuseau horaire Pacific Standard Time PST	
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: Wulff, Gregor F.	Buyer Id - Id de l'acheteur xlV588
Telephone No. - N° de téléphone (250) 217-7138 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Public Works and Government Services Canada See herein	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	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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PART 1 - GENERAL INFORMATION

1.1 Requirement

PWGSC – Esquimalt Graving Dock has a requirement for the fabrication, supply and delivery of one intake protection grid to Publics Works and Government Services Canada, Esquimalt Graving Dock facility in Esquimalt, British Columbia. The intake protection grid must meet the specific requirements of Annex A and referred drawing.

All the deliverables must be received on or before March 13, 2020.

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

1.3 Trade Agreements

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

1.4 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 (2019-04-04) 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.

Bid Receiving Public Works and Government Services Canada
Pacific Region
401 - 1230 Government Street
Victoria, BC V8W 3X4

TPSGC.RPReceptiondessoumissions-PRBidReceiving.PWGSC@tpsgc-pwgsc.gc.ca - Bids will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.

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.

Bid Fax: (250) 363-3344

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 **British Columbia**.

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.

2.5 List or proposed Sub-contractors

If the bid includes the use of subcontractors, the Bidder agrees, upon written request from the Contracting Authority, to provide a list of all subcontractors including a description of the things to be purchased, a description of the work to be performed by specification section and the location of the performance of that work. The list should not include the purchase of off-the-shelf items, software and such standard articles and materials as are ordinarily produced by manufacturers in the normal course of business, or the provision of such incidental services as might ordinarily be subcontracted in performing the Work, i.e. subcontract work valued at less than \$500.00

2.6 Worker Compensations – Letter of Good Standing

The Bidder must have an account in good standing with the applicable provincial or territorial Workers' Compensation Board.

The Bidder must provide, within 48 hours following a request from the Contracting Authority, a certificate or letter from the applicable Workers' Compensation Board confirming the Bidder's good standing account. Failure to comply with the request may result in the bid being declared non-responsive.

PART 3 - BID PREPARATION

3.1 Bid Preparation Instructions

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

- Section I: Technical Bid – Two (2) hard copies;
- Section II: Financial Bid – One (1) hard copy;
- Section III: Certifications – One (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) (<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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work. In their technical bid, Bidders must ensure compliance with all Mandatory Technical Criteria as detailed in article 4.1.1.1

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 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex D Electronic Payment Instruments, to identify which ones are accepted. If Annex D, Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

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.

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

4.1.1.1 Mandatory Technical Criteria

All details of the protection grid as contained in the Requirement, attached at Annex "A", and the drawings "19-103-087-01"- Protection Grid, Graving Dock Intake Pipe- sheets 1 and 2, are mandatory. In order for a Bidder's submission to be found responsive, the Bidder must demonstrate in their Technical bid that the product being offered meets or exceeds all the technical specifications as stated and that there are no deviations.

4.1.2 Financial Evaluation

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

4.2 Basis of Selection

A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price 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 Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-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 – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of 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" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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.

5.3 Welding Certification – Bid

1. Welding must be performed by a welder certified by the Canadian Welding Bureau and in accordance with the requirements of the following Canadian Standards Association (CSA) standards:
 - a. CSA W47.1-09, Certification of Companies for Fusion Welding of Steel (Minimum Division Level 2.1)

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2. Before contract award and within 48 hours of the written request by the Contracting Authority, the Bidder must submit evidence demonstrating its (or its subcontractor's) certification to the welding standards. In addition, welding must be done in accordance with the requirements of the applicable drawings and specifications.

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

There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under 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 (2018-02-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before March 13, 2020.

6.4.2 Delivery Points

Delivery of the requirement will be made to:
PWGSC – Engineering Assets
Esquimalt Graving Dock
825 Admirals Road, Victoria, BC V9A 2P1
Canada

6.4.3 Shipping Instructions – Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract:
Incoterms 2000 "DDP Delivered Duty Paid" – Victoria, BC, Canada

1. The Contractor will be responsible for all delivery charges, administration, costs and risk of transport and insurance including customs clearance and the payment of customs duties and taxes. (As applicable.)
2. The Contractor is to inform the Contracting Authority named herein when the shipment has been consigned for delivery and is to provide shipping details in the form of traceable waybill numbers, or other applicable information.

6.4.4 Delivery and Unloading

SACC Manual clause D0018C (2007-11-30), Delivery and Unloading

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Gregor Wulff
Public Services and Procurement Canada Acquisitions Branch
Directorate: Marine Acquisitions
Address: 401 – 1230 Government Street

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Victoria, BC
Canada V8W 3X4
Telephone: 250-217-7138
E-mail address: gregor.wulff@pwgsc-tpsgc.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 provided upon contract award.

Name: TBD
Title: TBD
Organization: TBD
Address: TBD
Telephone: TBD
Facsimile: TBD
E-mail: TBD

The Technical Authority named above 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

Bidder is to complete the table below and submit it with their bid.

Contact for:	Name	Telephone	Email
Contracting issues			
Technical issues			
Invoicing issues			

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 firm unit prices, as specified in Annex B for a cost of \$_____. 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 Single Payment

SACC Manual clause H1000C (2008-05-12), Single Payment

6.6.3 Electronic Payment of Invoices – Contract *(If applicable)*

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);

6.7 Invoicing Instructions

The Contractor must submit invoices in accordance with the section of the General Conditions titled Invoice Submission.

Invoice is to be made out to:

PWGSC – Engineering Assets
Esquimalt Graving Dock
825 Admirals Road, Victoria, BC V9A 2P1
Canada

Electronic invoice is to be sent for verification to:

PAC.MARINE@pwgsc-tps qc.ca

Please note the file number in the subject line of the email.

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 _____.

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), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____.

6.11 Welding Certification - Contract

1. The Contractor must ensure that welding is performed by a welder certified by the Canadian Welding Bureau (CWB) in accordance with the requirements of the following Canadian Standards Association (CSA) standards:

a. CSA W47.1-09, Certification for Companies for Fusion Welding of Steel (Minimum division level 2.1)

2. In addition, welding must be done in accordance with the requirements of the applicable drawings and specifications.
3. Before the commencement of any fabrication work, and upon request from the Inspection Authority or designate, the Contractor must provide approved welding procedures and/or a list of welding personnel he intends to use in the performance of the Work. The list must identify the CWB welding procedure qualifications attained by each of the personnel listed and must be accompanied by a copy of each person's current CWB welding certification.

6.12 Project Schedule

The Contractor must provide a preliminary project schedule to the Contracting and Technical Authorities no later than three (3) working days after contract award.

The Contractor must provide a detailed work schedule to the Contracting and Technical Authorities no later than five (5) working days before the commencement of the Work showing the commencement and completion dates for the Work in the available work period, including realistic target dates for significant events. During the Work Period the schedule is to be reviewed on an ongoing basis by the technical authority and the Contractor, updated when necessary, and available in the Contractor's office for review by Canada's authorities to determine the progress of the Work.

6.13 Trade Qualifications

The Contractor must use qualified, certificated (if applicable) and competent tradespeople and supervision to ensure a uniform high level of workmanship. The Inspection Authority may request to view and record details of the certification and/or qualifications held by the Contractor's tradespeople. This request should not be unduly exercised but only to ensure qualified tradespeople are on the job.

6.14 Procedures for Design Change or Additional Work

SACC Manual Clause B5007C Procedures for Design Change or Additional Work 2008-05-12

6.15 Workers Compensation

SACC Manual Clause A0285C Workers Compensation 2007-05-25

6.16 Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

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ANNEX A - REQUIREMENT



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1. INTRODUCTION

3GA Marine Ltd. (3GA) was contracted by the Esquimalt Graving Dock branch of Public Services and Procurement Canada (PSPC) to develop the plans and specification for the replacement of the dock's intake protection grid.

The protection grid is a steel grid located in the intake tunnel for the dock that is tasked with keeping debris out of the drydock during flooding. Currently, it is heavily corroded and in need of replacement.

2. CONTACT INFORMATION

Owner: Public Services and Procurement Canada
Stafford Bingham
Director, Esquimalt Graving Dock
Work: 250-744-6586
Stafford.bingham@pwgsc-tpsqc.gc.ca

Owner's Representative: 3GA Marine Ltd. (3GA)
David Mietla
Vice-President
Work: 250-920-9992
Cell: 250-589-7404
dmietla@3qamarine.com



3. GENERAL SPECIFICATION REQUIREMENTS

1 Definitions

"OFM" refers to Owner Furnished Material and/or equipment

"Contractor" refers to a person or company that undertakes a contract to provide materials or labour to perform a service or do a job.

"CSA" refers to the Canadian Standards Association.

"CWB" refers to the Canadian Welding Bureau.

"FSR" refers to Manufacturer's Field Service Representative.

"ISM" refers to International Safety Management.

"OHS" refers to Occupational Health and Safety.

"Owner" refers to Public Services and Procurement Canada

"Owner's Representative" refers to a person or organization retained by the Owner to represent them at the work site during the course of the work.

"WCB" refers to Workers' Compensation Board of British Columbia.

2 Guidance Drawings

The following drawings are provided for guidance of the Protection Grid. The Contractor is to review all documents and verify all dimensions are correct and confirm that work is possible as shown.

Table 1 – List of Drawings.

Drawing Number	Drawing Title	Revision	Source
19-103-087-01	Protection Grid, Graving Dock Intake Pipe	Rev0	3GA Marine

3 Applicable Regulations and Standards

Table 2 – Applicable Regulations and Standards.

Document number	Title
C.R.C., c. 1467	Safe Working Practices Regulations
CLC	Canada Labour Code
CSA W47.1-09	Certification of Companies for Fusion Welding of Steel
CSA W59-13	Welded Steel Construction
SOR/86-304	Canada Occupational Health and Safety Regulations



4. RESPONSIBILITY OF THE CONTRACTOR

1 General Information

This specification and associated drawing package describe the Owner's requirements for replacement of the Esquimalt Graving Dock intake protection grid.

Should the contract drawings and specification prove contradictory on any point, this specification will take precedence.

Before submitting the quotes, the Contractors are invited to visit the dock and review any drawings and specifications of all the areas listed for quotation to obtain a full understanding of the scope of work for the renewal area. No consideration shall be granted for any misunderstanding of the work to be performed resulting from the failure of the Contractor to visit the site or clarify the contract. Any verification of contract intent must be done in writing. A written answer to all queries will be submitted to all Contractors.

During cutting or welding by electric arc or gas processes a fire watch must stand by with equipment for the sole purpose of detecting and extinguishing any outbreak of fire.

The Contractor shall be responsible for providing all Personal Protective Equipment (PPE) required for workers.

All work is to be carried out in accordance with WCB requirements applicable to the work.

2 Materials and Workmanship

All materials and equipment must be of commercial grade and marine quality, in full compliance with the specification and suitable for the intended use. Unless explicitly stated otherwise, all materials must be new and unused.

All materials must be free from imperfections of manufacture and from defects that adversely affect appearance and/or serviceability.

Nuts, bolts, fasteners and fittings used in exterior locations must be grade 8, heavy duty hot dip galvanized, unless otherwise approved by the owner's representative.

All materials and equipment must be stored, installed and tested in accordance with the manufacturer's guidelines, recommendations and requirements.

Measures must be taken to avoid wear and damage incident to construction, and to prevent corrosion and deterioration.

Any dissimilar metals must be isolated from each other.

Magnesium and its alloys must not be used.

Lead must not be used.

All rough edges and sharp angled corners must be ground smooth.

All work must be performed to the satisfaction of the PSPC as well as all other applicable standards set out in this specification.



Any work or material in which a defect becomes apparent or is unacceptable, whether partially or wholly completed, even though previously passed as satisfactory, must be remediated to the satisfaction of the Owner's Representative.

The cost of all corrections necessary, due to defective materials or equipment, or due to poor or faulty workmanship, must be borne entirely by the Contractor.

All materials and equipment must be stored, installed and tested in accordance with the Manufacturer's guidelines, recommendations and requirements.

3 Contractor Supplied Materials and Tools

Where no item is specified or where substitution must be made, the Owner's Representative must approve the substituted item in writing. The Contractor must provide information about materials used, certificate of grade and quality of various materials to the Owner's Representative prior to use.

The Contractor shall provide all equipment, devices, tools and machinery such as cranes, staging, scaffolding, rigging and protection hoarding necessary for the completion of the work in this specification at their facility.

4 Recording of Work in Progress

The Owner's Representative may record any work in progress using various means including, but not limited to photography and video, digital or film.

5 Lead Paint and Paint Coatings

The Contractor shall not use lead-based paints.

6 Asbestos Containing Materials

The Contractor shall not use any asbestos containing materials.

7 Return to Service

The intake pipe protection grid must be delivered for assembly and installation by the Owner.



5. STATEMENT OF WORK

1 STEELWORK – GENERAL

All steel must be new CSA G40.21M 300W wheel abraded and primed.

All welding must conform to CSA W59. Double continuous welds are to be used unless noted otherwise.

On completion, welds are to be thoroughly cleaned of welding slag and all splatter is to be removed, ready for painting.

All work must be completed to the satisfaction of the PSPC representative.

2 PAINTING – GENERAL

Intake protection grid is to be painted on all surfaces except the studs holding the anodes in place.

The paint schedule for the grate panels is to be as follows:

- One full coat of Intershield 300HS epoxy primer, bronze, at 125 microns (5 mils) dft.
- One full coat of Intershield 300HS primer, aluminum, at 125 microns (5 mils) dft.
- One full coat of Intersleek 731 tie coat, at 100 microns (4 mils) dft.
- One full coat of Intersleek 1100SR slime release, at 150 microns (6 mils) dft.

The paint schedule for the lifting frame is to be as follows:

- One full coat of Intershield 300HS epoxy primer, bronze, at 125 microns (5 mils) dft.
- One full coat of Intershield 300HS primer, aluminum, at 125 microns (5 mils) dft.
- Two full coats of Intersleek 731 tie coat, at 100 microns (4 mils) dft.

Areas where grease and oil are present must be cleaned to a SSPC-SP1 standard.

The work area must be illuminated at all times during surface preparation, inspection and painting.

On completion of the surface preparation the complete area must be thoroughly cleaned by vacuum or other suitable method to ensure that all rust flakes, paint chips, blasting grit and other debris is removed and the area is left clean and ready for the coating's application. Compressed air used for this purpose must be dry, clean and oil free. This work must be included in the contract price.

All coatings must be thoroughly stirred using a mechanical paint mixer prior to application.

The first coat of the paint system is to be applied before there is a risk of any loss of surface preparation and cleanliness standard.

In temperatures less than 2°C an inline heater on spray equipment must be used.



6. INTAKE PROTECTION GRID MANUFACTURING

1 Grid Manufacturing

The Contractor must manufacture the intake protection grid as per the reference drawing.

2 Zinc Anodes

The Contractor must supply and attach 11lb Martyr zinc anodes, part number CMZD77EURO, or equivalent to each of the grid sub-assemblies.

Placement of anodes is to be as per reference drawings.

The Contractor must weld threaded studs or rod onto the frame for attaching the anodes.

The Contractor must test the anodes for electrical conductivity after installation.

7. INTAKE PROTECTION GRID DELIVERY

1 Deliver to Site

The Contractor must deliver the new grid sub-assemblies to site at the Esquimalt Graving Dock (EGD), 825 Admirals Road, Victoria, BC, V9A 2P1.

2 Cranage On-Site

Cranage and labour to off load the Contractor's delivery vehicle at the EGD will be provided by the Owner at no cost to the Contractor.

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EZ108-201359

Amd. No. - N° de la modif.
File No. - N° du dossier
X LV-9-42094

Buyer ID - Id de l'acheteur
xlV588
CCC No./N° CCC - FMS No./N° VME

ANNEX B - BASIS OF PAYMENT

Item	Description	Unit Price	QTY	Extended Total
B1 – Firm Work				
1	Fabrication, supply and delivery of one intake protection grid in accordance with Annex A and referred drawing	\$ _____		\$ _____
2	Shipping cost -Delivery - Incoterms 2000 – Delivered Duty Paid (DDP) to Victoria, BC	LOT		\$ _____
Total – Firm Work				\$ _____

Note: The "Total Estimated Cost" or "Revised Estimated Cost" given on Page 1 of the Contract or Contract Amendment includes an estimate of the Applicable Taxes [refer to the General Conditions].

ANNEX C - INTEGRITY PROVISIONS – LIST OF NAMES

Please provide list of names of the following entities, according to the ownership nature of the company

1. For a Corporation - each current member of the Bidder's Board of Directors;

2. For a Partnership, General Partnership or Limited Partnership - the names of all current partners;

3. For a Sole Proprietorship or an individual doing business under a firm name - the name of the sole proprietor or individual;

4. For a Joint Venture - the names of all current members of the Joint venture;

5. For an individual - the full name of the person

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ANNEX D - ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);

ANNEX E - BID PACKAGE CHECKLIST

E1.1 Mandatory Tender Deliverable Check List

Notwithstanding deliverable requirements specified anywhere else within this bid solicitation and its associated Requirement (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 E.

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

No	Reference to Solicitation	Description	Condition	Document provided	Reference to Bid (Section, Page no., etc.)
1	Front page	Invitation to Tender document part 1 page 1 completed and signed;	Mandatory with the bid	<input type="checkbox"/>	
2	Part 3, Section I	Technical Bid	Mandatory with the bid	<input type="checkbox"/>	
3	Annex B	Basis of Payment, Completed	Mandatory with the bid	<input type="checkbox"/>	

E1.2 Supporting Deliverable Requirements

If the following information which supports the bid is not submitted with the Bid; it may be requested by the Contracting Authority, and it must be provided within 48 hours of the written request:

No	Reference to Solicitation	Description	Condition	Document provided	Reference to Bid (Section, Page no., etc.)
1	Article 2.4	Change to applicable law	48 hrs of written request	<input type="checkbox"/>	
2	Article 2.5	Sub -Contractor list	48 hrs of written request	<input type="checkbox"/>	
3	Article 2.6	Proof of good standing with Worker Compensation Board	48 hrs of written request	<input type="checkbox"/>	
4	Article 6.5.3	Contractor's Representatives, table completed	48 hrs of written request	<input type="checkbox"/>	
5	Annex C. article 5.1.1	Integrity Provisions – List of Names, completed	48 hrs of written request	<input type="checkbox"/>	
6	Annex D	Electronic Payment Instruments, completed	48 hrs of written request	<input type="checkbox"/>	