

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British Columbia  
V6Z 0B9  
Bid Fax: (604) 775-9381

**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  
Public Works and Government Services Canada -  
Pacific Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> EGD Waterlot Ph2 Remediation	
<b>Solicitation No. - N° de l'invitation</b> EZ899-151108/D	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2015-07-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-026-7559	
<b>File No. - N° de dossier</b> PWY-4-37180 (026)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2015-07-31</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Daylight Saving Time PDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Liu (PWY), Patty	<b>Buyer Id - Id de l'acheteur</b> pwy026
<b>Telephone No. - N° de téléphone</b> (604) 775-6227 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> PWGSC - Esquimalt Graving Dock - Victoria, BC	

Instructions: See Herein

Instructions: Voir aux présentes

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

Solicitation No. - N° de l'invitation

EZ899-151108/D

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWY-4-37180

Buyer ID - Id de l'acheteur

pw026

CCC No./N° CCC - FMS No/ N° VME

---

Amendment 003 attached.

**OMIT** APPENDIX 6 of the solicitation documents and **REPLACE** with the attached "REVISED APPENDIX 6".

**All other terms and conditions remain unchanged.**

### **AMENDMENT 003**

Amendment 003 has been raised to provide answers to questions.

#### **Questions and Answers:**

1. It is indicated in Section 5.0 of the Qualification Form that all facilities must be “designed, constructed, and operated to prevent any pollution from being caused by the facility outside the area of the facility”. The operations of some facilities include the final disposal of waste material in a mine reclamation site, which of course would have originally been “designed” and “constructed” as a mine. Would the overall facility be compliant with this requirement if it included disposal in a mine reclamation site?

**Canada’s Response:**

*Yes, a facility including disposal of material at a mine reclamation site as part of its operations would be compliant with this requirement, as long as the activity is authorized by the Province or Territory in the applicable permit(s) and/or authorization(s), and as long as the operations are conducted so as to “prevent any pollution from being caused by the facility outside the area of the facility”. The Bidder-Prime Contractor should be prepared to provide (after contract award to the successful Bidder) operations plans (or details from operations plans) as part of the Construction Work Plan, for review and acceptance by the Departmental Representative.*

2. It is indicated in Section 5.0 of the Qualification Form that the permit(s) and/or authorization(s) for facilities must authorize all activities required. It is also indicated (in terms of the activities that facilities must be operational for) that these activities include receiving, processing, treating, and placing soil, sediment or other material in its final disposal location. Is it expected that the permit(s) and/or authorization(s) will specifically identify all of these activities exactly as written? This is not realistic, as permits may be very complex, use different terminology, may have been amended from a previous form to allow for the current activities, etc.

**Canada’s Response:**

*It is not necessary that the permit(s) or other form(s) of authorization use the exact same terms or language as in the Qualification Form. It is also not necessary that “interim” activities such as “processing” or “handling” be specifically identified in the permit(s) documents. Canada recognizes that the regulatory process for these types of facilities is complex and variable. The primary intent is that it must be possible for a qualified environmental professional to reasonably conclude, upon review of the Qualification Form and submittals, including the permit(s), and upon verification with the Province or Territory, that at the time of tender closing the facility is “operational” and is authorized under Laws and Regulations to provide all of the services required under the Contract.*

3. In Section 5.0 of the current version of the qualification form, letters are required from the disposal and hazardous waste management facilities stating that final disposal including placement of the sediment/soil in its final disposal location must be completed by the final contract completion date of August 15, 2016. This may be an unrealistic requirement, for example if Canada were to require additional dredging and/or excavation after substantive completion. Furthermore, our disposal facility operating procedures at times require a

substantial amount of time from receipt to final disposal. Weather conditions may also be a limiting factor. If all the material can be accepted at the facility by Canada's date, should this not be sufficient, given that the facility operations are regulated by the Province/Territory? Also given that as per the specifications the Contractor becomes the owner of the material once removed from the EGD site?

**Canada's Response:**

*In addition to confirming that the Bidder-Prime Contractor has secured adequate disposal capacity for the volume of sediment/soil to be managed under the Contract, the primary intent of the letters is for the facilities themselves to directly certify that, at the time of tender closing, they are "operational" and authorized to provide all of the services required under the Contract.*

*The Qualification Form is hereby amended as follows:*

*Section 5.0, page 20 of 21 (page 129 of ITT), item (2) under heading "**As part of the bid submission, Bidder's MUST provide:**" – Replace text with the following:*

(2) Letters from the Disposal Facility(ies) and Hazardous Waste Management Facility(ies) owners or operators indicating that at the time of tender closing the facility(ies) are operational (as defined herein), and that prior to the final Contract completion date of August 15, 2016 can accept the volume of contaminated sediment/soil as described in the Specifications and solicitation documents, ~~can complete the final disposal and placement of the sediment/soil in its final disposal location at the facility,~~ and can issue all associated Certificates of Disposal. The total of the sediment/soil volume indicated from all of the letter(s) combined must be at least 40,000 m<sup>3</sup> (sum of required dredging and contingency re-dredging as per the Specifications).

*Bidders should note that payment for disposal is contingent upon submission of Certificates of Disposal which are to be submitted "at the time of final disposal of waste" as per the Specifications.*

*After Contract award Canada may, solely at its own discretion, choose to allow issuance of Certificates of Disposal upon acceptance (or upon completion of Treatment and acceptance) of material at the Disposal Facility or Hazardous Waste Management Facility. In such a case, additional information may be required in the Construction Work Plan to ensure that specific procedures at the facility(ies) are acceptable to Canada. As per the Specifications, waste may not be moved to another facility once a Certificate of Disposal is issued.*

4. In order to allow time for the MOE to respond with respect to questions surrounding our disposal facility we would like to request a one week extension to the close of the EGD tender to August 7.

**Canada's Response:**

*No time extension is granted.*

**All other terms and conditions remain unchanged.**

**END**

## REVISED APPENDIX 6 - QUALIFICATION FORM

Using this Qualification Form or a reasonable copy of this Qualification Form, provide a response to each of the requirements set out in the Qualification Form.

All qualification requirements and information requirements are mandatory.

All tables must be fully and accurately completed. The completed qualification form and all information provided will form part of the contract.

The information provided by the Bidder may be verified by Canada. Canada reserves the right to verify the completeness and accuracy of the information provided, with the reference and/or owner/client identified. **Failure by the Bidder to provide the information required or in the event that the information provided cannot be verified, the Bidder shall be disqualified and no further consideration will be given to the Bidder.**

### 1.0 Make up of Bidder's Team

The Bidder shall be the Prime Contractor for this contract. Identify the parties that make up the Bidder's Team for the Esquimalt Graving Dock Waterlot - Phase 2 South Jetty Under-Pier Sediment Remediation Project, including all subcontractors and/or partners that will provide the primary services in completing the contract.

**At least one party MUST be identified for each of the primary services identified** (except for the Treatment Facility which is optional, as per Section 5.0 and the Specifications).

**Only one party may be identified as the Bidder-Prime Contractor, and only one party may be identified as the dredging contractor. For all the other services, multiple parties may be identified.**

A party may be identified for more than one primary service.

**ALL parties identified below as being part of the Bidder's Team MUST be the same parties that are also identified in Section 2.0 as providing the necessary experience/qualifications. All Disposal, Hazardous Waste, and Treatment Facilities identified below must also be the same Facilities that are identified in Section 5.0.**

It is not a mandatory requirement that the party identified as the Bidder-Prime Contractor be identified in Section 2.0 as meeting experience/qualification requirements. However, if not identified in Section 2.0, then it is required that **at least one of the parties** that are part of the Joint Venture or other legal entity that constitutes the Bidder-Prime Contractor must be identified in Section 2.0 as having met at least one of the experience/qualification requirements. It must be identified in Section 1.0 that this party (or parties) is part of the Joint Venture or other legal entity that constitutes the Bidder-Prime Contractor.

The parties identified for the Primary Services, and the parties identified in Section 2.0 as meeting the experience/qualification requirements, **MUST** be the resources used to complete that work under the contract. If more than one party is identified for each Service or for each experience/qualification requirement, at least one of the identified parties is required to be the resource used; all additional parties identified must be available as alternates.

The parties are not required to have previous project experience as a subcontractor and/or partner with the Bidder. The Bidder is not required to have previous experience as a Bidder. In the separate table below, Bidders may identify additional services and associated parties deemed important to their team to successfully complete the project. It is not necessary to demonstrate experience for any parties identified in the Additional Services table, but this is allowed.

Solicitation No. - N° de l'invitation

EZ899-151108/D

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

File No. - N° du dossier

PWY-4-37180

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

<b>Bidder – Prime Contractor</b>	<b>Name of Party (If a joint venture or partnership, identify in brackets the key members/partners)</b>	<b>Sections where experience and/or qualifications <u>MUST</u> be demonstrated</b>
Bidder - Prime Contractor		Sec. 2.0 – any <u>except</u> 2.5 and 2.13

<b>Primary Service</b>	<b>Name of Parties (Bidder's Team)</b>	<b>Sections where experience and/or qualifications <u>MUST</u> be demonstrated</b>
Dredging		2.1, 2.2
Temporary Resuspension Barrier (TRB) System Third Party Design Engineer		2.5
Environmental management and compliance		2.8
Marine construction including demolition		2.12
Third Party Marine Surveyor		2.13
Disposal Facility(ies)		2.14, 5.1 (must complete 2.14 for each facility)
Hazardous Waste Management Facility(ies)		2.15, 5.2 (must complete 2.15 for each facility)
Treatment Facility(ies) (Optional)		5.3 (if proposed)

<b>Additional Services (optional)</b>	<b>Name of Parties (Bidder's Team)</b>	<b>Experience and/or qualifications <u>may</u> be demonstrated as required</b>

## 2.0 Bidder's Team Experience

Identify the party that directly carried out the work, predominantly with its own forces, whether they were the prime contractor, a subcontractor or partner. **ALL parties identified below MUST also be identified in Section 1 above – they must be part of the Bidder's Team for the Esquimalt Graving Dock Waterlot - Phase 2 South Jetty Under-Pier Sediment Remediation Project.** Note that a listed project can be used to demonstrate experience for multiple items, or multiple different projects can be listed to demonstrate experience for each item (if multiple projects are listed for a particular work item, submit on a separate copy of the page – **only submit multiple projects if necessary**).

1. Identify projects demonstrating that the party that will carry out the dredging for the Esquimalt Graving Dock Waterlot - Phase 2 South Jetty Under-Pier Sediment Remediation Project has dredged **in a single consecutive 12-month period** (either as part of a single project or multiple projects) within the last 5 years (between January 1st 2010 and June 1st 2015) a total of at least 30,000 m<sup>3</sup> using mechanical dredging equipment. **Only one party may be identified.** The party must have directly carried out the work, predominantly with its own forces.

Name of party that directly carried out the mechanical dredging	
Start and end dates (month/day/year to month/day/year) <b>for the dredging</b> , for the year in which the party has dredged <b>in a single consecutive 12-month period</b> within the last 5 years (between January 1st 2010 and June 1st 2015) at least 30,000 m <sup>3</sup> using mechanical dredging equipment	

Project name/description (one or two lines)	Owner/client name	Owner/client contact (email address and/or phone number)	Volume of mechanical dredging (m <sup>3</sup> )
Total volume dredged; must sum to at least 30,000 m <sup>3</sup> :			

2. Dredging of contaminated sediments ("contaminated" meaning requiring disposal or treatment and disposal at authorized facilities) within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the dredging of contaminated sediment	



Solicitation No. - N° de l'invitation

EZ899-151108/D

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

File No. - N° du dossier

PWY-4-37180

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

3. In-water removal of debris, riprap, or hard material to grade within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the in-water removal	

4. In-water slope armouring and shoreline grading within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the in-water slope armouring and shoreline grading	

5. Preparation of an engineered design for fixed or anchored silt curtains in a marine tidal environment to control suspended sediments within the last 5 years (between January 1st 2010 and June 1st 2015).

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Design start and completion dates (month/day/year to month/day/year)	
Name of party that directly prepared the engineered design for silt curtains	

6. Dredging or marine construction requiring use of silt curtains for water quality compliance purposes, within the last 5 years (between January 1st 2010 and June 1st 2015).

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the dredging or marine construction requiring use of silt curtains for water quality compliance	

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EZ899-151108/D

pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

PWY-4-37180

7. Dredging or marine construction requiring Environmental Management Plans for compliance with environmental laws and regulations in a marine environment, within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the dredging or marine construction requiring Environmental Management Plans	

8. Monitoring, sampling, and testing in accordance with an Environmental Management Plan for compliance with environmental laws and regulations in a marine environment, including monitoring to meet water quality criteria, within the last 5 years (between January 1st 2010 and June 1st 2015) in Canada:

Project name/description (one or two lines)	
Project location in Canada	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the monitoring, sampling, and testing for environmental compliance	

9. Dredging or marine construction within an active marine site (e.g., navigation channel or active berthing facility) within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Project location (active marine site)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the dredging or marine construction within an active marine site	

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EZ899-151108/D

pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

PWY-4-37180

10. **Management/coordination** of handling, over land transport, and disposal (or treatment and disposal) at an authorized disposal facility or treatment facility, of at least 20,000 m<sup>3</sup> of contaminated soil or sediment ("contaminated" meaning requiring disposal or treatment and disposal at authorized facilities) within the last 5 years (between January 1st 2010 and June 1st 2015) in Canada:

Project name/description (one or two lines)	
Project location in Canada	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the management/coordination of handling, over land transport, and disposal (or treatment and disposal) of at least 20,000 m <sup>3</sup> of contaminated soil or sediment	

11. **Management/coordination** of Hazardous Waste removal, handling, over land transport, and disposal (or treatment and disposal) at an authorized hazardous waste management facility and/or treatment facility within the last 5 years (between January 1st 2010 and June 1st 2015) in Canada:

Project name/description (one or two lines)	
Project location in Canada	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the management/coordination of Hazardous Waste removal, handling, over land transport, and disposal (or treatment and disposal)	

12. Marine construction including marine structure demolition and marine structure disposal of at least 1,500 tonnes within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Project location	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Name of party that directly carried out the marine construction including marine structure demolition and marine structure disposal of at least 1,500 tonnes	

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EZ899-151108/D

pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

PWY-4-37180

## 13. Name and credentials of Third-Party Marine Surveyor:

License number, member number, or professional association identifier for at least one of: (a) Licensed Member of the Association of British Columbia Land Surveyors (ABCLS) in good standing; or (b) Licensed Member of the Applied Science Technologists and Technicians of British Columbia (ASTTBC) in good standing <b>and</b> with certification/designation as a Registered Site Improvement Specialist (RSIS); or (c) Professional Engineer employed by the party that is licensed to perform bathymetric and topographic surveys in British Columbia.	
Name of party that is the Third-Party Marine Surveyor	

14. Receiving, processing, and final disposal (or treatment and disposal) of at least 1,000 m<sup>3</sup> of contaminated marine sediments (multiple projects may be listed to make up the total) under a valid permit or other authorization issued by a Province or Territory, within the last 5 years (between January 1st 2010 and June 1st 2015):

Disposal Facility that directly received, processed, and completed final disposal (or treatment and disposal) of at least 1,000 m <sup>3</sup> of contaminated marine sediments			
Project name/description (one or two lines)	Owner/client name	Owner/client contact (email address and/or phone number)	Volume of contaminated marine sediments (m <sup>3</sup> )
Total volume received, processed, and final disposal (or treatment and disposal); must sum to at least 1,000 m <sup>3</sup> :			

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EZ899-151108/D

pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

PWY-4-37180

---

15. Receiving, processing, and final disposal (or treatment and disposal) of at least 100 m<sup>3</sup> of Hazardous Waste (multiple projects may be listed to make up the total), under a valid permit or other authorization issued by a Province or Territory, within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	
Hazardous Waste Management Facility that directly received, processed, and completed final disposal of at least 100 m <sup>3</sup> of Hazardous Waste	

### 3.0 Superintendent Experience

**Only one Superintendent may be identified. The Superintendent identified must be the Superintendent that will be assigned to the Esquimalt Graving Dock Waterlot - Phase 2 South Jetty Under-Pier Sediment Remediation Project.** Identify projects where the Superintendent identified was the Superintendent (or equivalent) for the work experience specified. Note that a listed project can be used for multiple work items, or multiple different projects can be listed to demonstrate experience for each work item (if multiple projects are listed for a particular work item, submit on a separate copy of the page – **only submit multiple projects if necessary**).

For the purposes of this contract the Superintendent and Project Manager are one in the same. The Superintendent shall be in full charge of the operations of the Bidder/Prime Contractor during the performance of the work and shall be authorized to accept on behalf of the Bidder/Prime Contractor any notice, order or other communication given to the Bidder/Prime Contractor relating to the work. The Superintendent shall have full authority to issue communications and submittals relating to the work on behalf of the Bidder/Prime Contractor.

1. Superintendent has a minimum of 10 years experience managing dredging projects:

Name of Superintendent	
Years of experience managing dredging projects	
Reference name and company name	
Reference contact information (email address and/or phone number)	

2. Superintendent for work using mechanical dredging equipment within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

3. Superintendent for work requiring Environmental Management Plans for compliance with environmental laws and regulations within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

EZ899-151108/D

pwy026

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

PWY-4-37180

- 
4. Superintendent for work within an active marine site (e.g., navigation channel or active berthing facility) within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Project location	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work Start and Completion Dates (month/day/year to month/day/year)	

5. Superintendent for dredging of contaminated sediments ("contaminated" meaning requiring disposal or treatment and disposal at authorized facilities) within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year))	

6. Superintendent for in-water slope armouring and shoreline grading within the last 5 years (between January 1st 2010 and June 1st 2015):

Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

## 4.0 Site Supervisor(s) Experience

**At least one Site Supervisor must be identified.** The Superintendent identified in Section 3.0 above may **not** be listed as a Site Supervisor. More than one Site Supervisor may be identified (i.e. more than one person can be identified in a single table, and different people can be identified in each of the different tables, to cover the various types of work listed). **The Site Supervisors identified must be assigned to the Esquimalt Graving Dock Waterlot – Phase 2 South Jetty Under-Pier Sediment Remediation Project. If multiple individuals are identified for a particular experience/qualification item, at least one of the identified individuals is required to be assigned to the project; all others must be available as alternates.** Identify projects where the individuals directly supervised the work on-site. Note that a specific project can be listed for multiple work items (i.e. can use the same project more than once), or multiple different projects can be listed to demonstrate experience for each work item (if multiple projects are listed for a particular work item, submit on a separate copy of the page – **only submit multiple projects if necessary**).

1. Site Supervisor for dredging has a minimum of 5 years experience supervising dredging projects:

Name of Site Supervisor	
Years of experience supervising dredging projects	

2. Site Supervision of work using mechanical dredging equipment within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

3. Site Supervision of dredging of contaminated sediments ("contaminated" meaning requiring disposal or treatment and disposal at authorized facilities) within the last 5 years (between January 1st 2010 and June 1st 2015).

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	



4. Site Supervision of in-water slope armouring and shoreline grading within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

5. Site Supervision of work requiring use of fixed or anchored silt curtains for water quality compliance purposes within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

6. Site Supervision of work requiring Environmental Management Plans for compliance with environmental laws and regulations within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

7. Site Supervision of work within an active marine site (e.g., navigation channel or active berthing facility) within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

Solicitation No. - N° de l'invitation

EZ899-151108/D

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

File No. - N° du dossier

PWY-4-37180

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

8. Site Supervision of work requiring **management/coordination** of handling, over land transport, and disposal (or treatment and disposal) at an authorized disposal facility or treatment facility of at least 20,000 m<sup>3</sup> of contaminated soil or sediment ("contaminated" meaning requiring disposal or treatment and disposal at an authorized facility) within the last 5 years (between January 1st 2010 and June 1st 2015) in Canada:

Name of Site Supervisor	
Project name/description (one or two lines)	
Project location	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

9. Site Supervisor for marine construction including structure demolition has a minimum of 5 years experience supervising marine construction projects including specific experience on marine structure demolition works and marine structure disposal:

Name of Site Supervisor	
Years of experience supervising marine construction projects including marine structure demolition works	

10. Site Supervision of marine construction including marine structure demolition and marine structure disposal within the last 5 years (between January 1st 2010 and June 1st 2015):

Name of Site Supervisor	
Project name/description (one or two lines)	
Owner/client name	
Owner/client contact (email address and/or phone number)	
Work start and completion dates (month/day/year to month/day/year)	

## 5.0 Disposal, Treatment, and Hazardous Waste Management Facilities

In the tables below, identify the parties that are the Disposal Facility, Treatment Facility, and Hazardous Waste Management Facility that are proposed to carry out the work under the Contract. **At least one Disposal Facility and one Hazardous Waste Management Facility must be identified**, and if the Bidder intends to perform treatment of sediment/soil, at least one Treatment Facility must be identified (note that sediment/soil treatment is optional as per the Specifications). **More than one facility of each type may be identified, but ALL facilities identified must meet the stated requirements.**

**ALL facilities identified in the tables below must also be identified in Section 1.0 above – they must be part of the Bidder's Team for the Esquimalt Graving Dock Waterlot - Phase 2 South Jetty Under-Pier Sediment Remediation Project.** Disposal Facilities identified in the table below must also be identified in Section 2.0 (item 14) as meeting the experience requirement. Hazardous Waste Management Facilities identified in the table below must also be identified in Section 2.0 (item 15) as meeting the experience requirement. **The facilities identified in this Qualification Form must be the facilities used under the Contract. If more than one facility of each kind is identified, at least one of the facilities identified is required to be the resource used; all additional facilities of that kind identified must be available as alternates.**

**ALL facilities identified in this Qualification Form must meet the stated requirements. If any one of the facilities proposed does not meet the requirements, the Bidder shall be disqualified and no further consideration will be given to the Bidder.**

**ALL facilities identified must be located in Canada, must exist and be operational at the time of tender closing, and be designed, constructed, and operated to prevent any pollution from being caused by the facility outside the area of the facility. At the time of tender closing the facilities must hold a valid and subsisting permit(s), license(s), certificate(s), approval(s), or other form(s) of authorization issued under Laws and Regulations by a Province or Territory for either disposal, treatment and disposal, or treatment of soil, sediment or other material (of the environmental quality identified in the solicitation documents) that is not suitable for industrial, commercial, urban park, residential, agricultural, wildlands, or any other land use specified in the British Columbia Contaminated Sites Regulation.**

For the purposes of this Qualification Form, "operational" means "in or ready for use", and being authorized by a Province or Territory under Laws and Regulations to complete the services required under the Contract. For Disposal Facilities and Hazardous Waste Management Facilities this means in or ready for use to receive, process, and place soil, sediment or other material in its final disposal location at the facility as identified in the permit(s) and/or authorization(s). For Treatment Facilities this means in or ready for use to receive, process, and treat soil, sediment or other material at the facility as identified in the permit(s) and/or authorization(s).

For Disposal Facilities the "valid and subsisting permit(s), license(s), certificate(s), approval(s), other form(s) of authorization" at the time of tender closing must authorize all activities required to complete disposal, including the placement of soil, sediment or other material in its final disposal location at the facility.

For Hazardous Waste Management Facilities the "valid and subsisting permit(s), license(s), certificate(s), approval(s), other form(s) of authorization" at the time of tender closing must authorize all activities required to complete disposal (or treatment and disposal) of Hazardous Waste, including the placement of the material in its final disposal location at the facility.

If the Bidder-Prime Contractor plans to treat Hazardous Waste at an authorized Treatment Facility so that the treated material is no longer considered Hazardous Waste, a facility meeting the requirements of a Disposal Facility may be proposed as the Hazardous Waste Management Facility. The intent is to identify the facility where the material originally classified as Hazardous Waste will be placed for final disposal. In such a case the intent to treat the Hazardous Waste at a Treatment Facility prior to disposal should be documented in the letter provided by the Hazardous Waste Management Facility proposed, as required below.

For Treatment Facilities the "valid and subsisting permit(s), license(s), certificate(s), approval(s), other form(s) of authorization" at the time of tender closing must authorize all activities required to complete treatment of soil, sediment or

other material at the facility. If the Bidder-Prime Contractor plans to treat Hazardous Waste at the Treatment Facility(ies) proposed, the facility(ies) must be authorized to treat Hazardous Waste quality material.

As part of their due diligence, Bidders should verify that the proposed facilities meet all requirements. It is suggested that Bidders confirm directly with the facilities, and also with the Province or Territory. Canada will undertake its own due diligence review to verify if the proposed facilities meet the requirements.

In carrying out the work of the Contract, disposal (or treatment and disposal) of dredged and excavated material (contaminated sediments, soil and Dredge Debris) must be performed at a Disposal Facility, Treatment Facility, or Hazardous Waste Management Facility in accordance with the Specifications.

As per the Specifications, the Bidder shall assume that all non-Hazardous Waste Quality Material and non-reuseable/recyclable debris will require disposal at a Disposal Facility according to the British Columbia Contaminated Sites Regulation (CSR) Industrial Land use standards (i.e., waste quality or IL+ waste).

**As part of the bid submission, Bidder's MUST provide:**

(1) A copy of the valid and subsisting permit(s), license(s), certificate(s), approval(s), or other form(s) of authorization issued by a Province or Territory for ALL facilities identified. If authorizations are issued by more than one Ministry (e.g. Ministry of Environment and Ministry of Energy and Mines), the authorizations from each Ministry must be provided. If the operations of the facility take place at multiple locations, the permits or other forms of authorization issued for each of the locations must be provided.

And;

(2) Letters from the Disposal Facility(ies) and Hazardous Waste Management Facility(ies) owners or operators indicating that at the time of tender closing the facility(ies) are operational (as defined herein), and that **prior to the final Contract completion date of August 15, 2016** can accept the volume of contaminated sediment/soil as described in the Specifications and solicitation documents and can issue all associated Certificates of Disposal. The **total** of the sediment/soil volume indicated from all of the letter(s) combined must be at least 40,000 m<sup>3</sup> (sum of required dredging and contingency re-dredging as per the Specifications).

**1. Disposal Facility(ies)**

Name of Disposal Facility	Location (city/town, province/territory)	Number or identifier of permit(s), license(s), certificate(s), approval(s), or other form(s) of authorization	Province or territory that issued permit, license, certificate, approval, or other form of authorization

Solicitation No. - N° de l'invitation

EZ899-151108/D

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

File No. - N° du dossier

PWY-4-37180

Buyer ID - Id de l'acheteur

pwy026

CCC No./N° CCC - FMS No./N° VME

---

## 2. Hazardous Waste Management Facility(ies)

Name of Hazardous Waste Management Facility	Location (city/town, province/territory)	Number or identifier of permit(s), license(s), certificate(s), approval(s), or other form(s) of authorization	Province or territory that issued permit, license, certificate, approval, or other form of authorization

## 3. Treatment Facility(ies) (Optional - this section to be completed only if Bidder intends to treat soil/sediment):

Name of Treatment Facility	Location (city/town, province/territory)	Number or identifier of permit(s), license(s), certificate(s), approval(s), or other form(s) of authorization	Province or territory that issued permit, license, certificate, approval, or other form of authorization