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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

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Title - Sujet Y-Jetty and Lang Cove Remediation	
Solicitation No. - N° de l'invitation EZ113-190891/B	**Amendment No. - N° modif.** 003
Client Reference No. - N° de référence du client	**Date** 2018-10-17
GETS Reference No. - N° de référence de SEAG PW-$PWY-020-8440	
File No. - N° de dossier PWY-8-41072 (020)	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2018-10-31**	**Time Zone** **Fuseau horaire** Pacific Daylight Saving Time PDT
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Ly, Ronny(PWY)	**Buyer Id - Id de l'acheteur** pwy020
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Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:** DND - CFB Esquimalt - Victoria, BC	

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Canada

See Addendum 003 below.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Y-Jetty and Lang Cove Remediation Project
Esquimalt Harbour, BC **Addendum 003**
Solicitation No. EZ113-190891/B
Project No. R. 097231.001 **October 17, 2018**

The following changes/clarifications in the tender documents are effective immediately.

This Addendum 003 will form part of the contract documents

This Addendum 003 is issued to provide amendment to the Specifications, or Contract Drawings as attached hereto.

Responses to Questions from Bidders

Q1. Specs Section 35 37 10 page 18 of 25 has an error on the type 9 material gradation table. The small size should likely read 0.075 mm and not 75 mm.

R1. The revision to Specification Section 35 37 10, Clause 2.1.11.1 is addressed below in the "Changes to the Specifications" portion of this Addendum.

Q2. Backfill and Structural drawings such as S-7 Section A and B appear to depict that the backfill is placed first on the North Side and then on the South Side. Backfilling from the North first makes sense given that you would be constructing a backfill slope from the bottom up (Dwg C-8 Section C). Further Dwg C-8 Section C indicates that Backfill Area B3 is to the south and adjacent to the jetty, however I believe that should read Area B6. Similarly to the backfill drawings the Structural drawings S7 Section A and S8 Section C, support the notion that the material is placed first on the North and then the South. Could you please review and provide direction on the sequence and the material types placed in this area. If the intent is to fill from the south side first, clean fill material will likely be removed when dredging in DU19 and DU23 (2 meter cut thickness) adjacent to the jetty.

R2. The intent of the design is to complete all work (i.e., demolition, structural, dredging, material placement, etc.) in the South Work Zones prior to starting any work in the North Work Zones, as discussed in Section 01 11 55 – General Instructions, Clause 1.4 (Construction Sequencing) and detailed in Table 01 11 55-2 and Table 01 11 55-3. Drawing S-7 (Sections A and B) and Drawing S-8 (Section C) show conditions following placement of backfill materials in both the South and North Work Zones and are not intended to depict sequencing for placement of the materials. Backfill Materials will initially be placed in the South Work Zones to the extent of the work zone boundaries which is approximately the centreline of the under-pier area below Y Jetty. The under-pier Work Zone boundaries are delineated to minimize potential for removal of clean material when dredging DU19 and DU 23 in the North Work Zones.

The callout text on Drawing C-8, Section C should reference Area B6 as noted in the question and is addressed below in the "Changes to the Drawings" portion of this Addendum.

Q3. Is there a provision to compensate the contractor for backfill materials where the dredge area has sloughed due to vertical cut lines as noted throughout the dredging drawings? The measure and payment in Section 35 37 10 Section 1.2.1.4 refers to the contractor providing fill at no cost for excessive dredging, but we cannot locate a note regarding slough material where the contractor has not over dredged. For example DU 23 alone has an estimated 220 m3 of potential slough from under Y-Jetty due to a 2.0m cut with a vertical line shown on the drawings.

R3. The vertical dredge cuts (including the 2.0m cut in DU 23 as shown on Drawing C-2, Section C) assume an approximate angle of potential slough material at a 2 Horizontal: 1 Vertical (2H:1V) grade following completion of dredging activities. Placement of Backfill Material within Material Placement Area B1 that is associated with the assumed angle of potential slough material (depicted in grey color in Drawing C-11, Detail 1) is accounted for and included in the Unit Price Table Tender Item 27.

Q4. Could you please confirm our understanding that workers arriving by water and working only on the water, i.e. not coming in contact with DND land or infrastructure are exempt from having reliability clearance. For example a tug boat arriving by water to move barges within the worksite and then departing the harbour again without ever coming to land or the dock will be exempt from security requirements.

R4. It is DND's preference that all contractors, consultants and sub-contractors working in Esquimalt Harbour conform to the security requirements listed in the completed SRCL for the YJLC Contract. However, persons on the water and not touching land within CFB Esquimalt are not technically required to have reliability. As such, the example of a tug crew working in the Harbour, but not touching land or infrastructure, would not technically require reliability (i.e. this is acceptable, but not preferred).
Q6. As per section 01 11 55 section 1.3.2, if the workers who are separating archaeological objects from the processing plant are Esquimalt or Songhees Nation members, may they also be the Archaeological First Nations Representative?

Q5. As per section 01 11 55 section 1.3.2, if the workers who are separating archaeological objects from the processing plant are Esquimalt or Songhees Nation members, may they also be the Archaeological First Nations Representative?

R5. Yes.

Q6. Similar to the Dredge Volume Table 35 20 23-1 could you please supply a similar table by work zone and material type for the various backfill and capping layers.

R6. Please see the below requested table presenting Backfill Material and Engineered Cap layer volumes and areas by Work Zone and Material Type. Please also review notes below the table for clarification regarding how these volumes have been calculated for presentation in the tender Unit Price Table.

Work Zone	Material Type	Area (m^2)	Volume (m^3)
South Work Zones			
Work Zone 1A	3	9,130	4,110
Work Zone 1B	1	1,830	1,430
	3	4,355	1,960
	5	2,585	1,530
	9	2,580	3,630
Work Zone 1C	1	50	30
	2	350	260
	3	310	130
	4	320	140
	5	1,245	590
	6	30	10
	9	890	1,170
Work Zone 1D	1	190	120
	2	1,610	1,090
	4	1,250	560
	5	1,985	890
	6	730	290
	7	370	500

North Work Zones			
Work Zone 2A	3	255	110
Work Zone 2B	1	1,705	1,490
	3	8,110	3,650
Work Zone 2C	2	1,660	2,750
Work Zone 2D	1	245	160
	2	1,510	1,000
	5	1,510	690
	8	1,510	700
Work Zone 2E	3	10,940	6,560

Notes:

1. Volumes presented in this table represent the calculated design in-situ volumes associated with the Maximum Overplacement Allowance and Vertical Placement Tolerance as described in the Specifications and as shown on the Drawings.
2. Contractor to calculate the required Material Type volume/tonnage to achieve the design requirements for placement of the Backfill Material and Engineered Cap materials considering material loss, settlement, consolidation, etc.
3. Material Type 1 includes placement of an estimated volume of 1,500m3 (in-situ volume) within Material Placement Area B1 per the Unit Price Table (Item #27).
4. Material Type 1 in Material Placement Area B2 is paid by the square metre per the Unit Price Table (Item #28) and includes placement of an estimated volume of 1,730m3 (in-situ volume).
5. Material Type 3 is paid by the square metre per the Unit Price Table (Item #30) and includes placement of an estimated volume of 16,520m3 (in-situ volume).

Changes to the Specifications

1. Section 35 37 10 – Capping and Material Placement

Delete:

Clause 2.1.11.1 Material Type 9 table sieve designation “75 mm”

Insert:

Clause 2.1.11.1 Material Type 9 table sieve designation "0.075 mm"

Changes to the Drawings

Delete:

Callout text on Drawing C-8, Section C, "Material Placement Area B3, See Detail 4, DWG C-11"

Insert:

Callout text on Drawing C-8, Section C, "Material Placement Area B6, See Detail 7, DWG C-11"