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British Columbia
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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

Title - Sujet Steamboat Maintenance Camp	
Solicitation No. - N° de l'invitation EZ897-180732/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client	Date 2017-08-17
GETS Reference No. - N° de référence de SEAG PW-\$PWY-026-8126	
File No. - N° de dossier PWY-7-40132 (026)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-08-24	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Yi (PWY), Patty	Buyer Id - Id de l'acheteur pwy026
Telephone No. - N° de téléphone (778) 919-2578 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC - Steamboat Maintenance Camp, km 537.9 - Alaska Highway, BC	

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

Amendment 005 / Addendum 001 has been raised to incorporate the following:

- Questions and Answers
- Inclusion of APPENDIX 1 – COMBINED PRICE FORM – Revised August 17, 2017
- Extension to Closing Date
- Attendee List from Mandatory Site Visit
- Updated Figures 10 and 12
- New Appendix D
- New Figures C101 to 104

All other terms and conditions remain unchanged

Questions and Answers

1. Is there a preferred sequence for excavation?

Yes. The excavation areas E6, F1, F2, F3 and J should be completed with the highest priority. E5, E7, E8 and H are to be completed at a lower priority. The contractor may choose to work on multiple excavation areas simultaneously.

2. For water encountered during excavation what standards should be applied for water discharge?

Any water removed from the excavation should be collected, managed and discharged in accordance with appropriate Provincial and Federal Regulations.

3. Whose responsibility is it to decommission utilities and move the two propane tanks, fuel tank and seacan containing the generator within the excavation areas?

The contractors site preparation will include disconnecting and moving the two propane tanks, fuel tank and seacan with generator within 300 metres of their current location. Once the tanks and seacan have been moved they will be required to be reconnected immediately to provide service to the onsite trailers. The locations of permanent location will be indicated by the Owners Representative.

4. Will the metal yellow gate, adjacent to the salt shed, be removed prior to excavation?

The gate will be removed prior to excavation. The posts for the gate may need to be removed during excavation, if this is the case it will be covered under a change order.

5. Will the culverts being stored adjacent to the salt shed be moved prior to excavation?

Yes, the culverts will be moved prior to site preparation by the contractor.

6. Will a tree clearing permit be required?

Canada has obtained the required permit for vegetation clearing.

7. Where is the on-Site septic field?

The precise location of the on-Site septic field is not known. The septic field is assumed to be in the area adjacent to the septic manhole. Excavation extents may be modified during excavation based on field observations to account for the septic field.

8. Must backfill material be used from Mill Creek?

The material from Mill Creek is provided free of charge (the contractor is responsible to excavating, loading and transport). The contractor is responsible for selecting the backfill material and is not required to use the material from Mill Creek. The selected source of backfill material must be geotechnically and environmentally suitable as per the specifications and tested as per applicable Provincial and Federal regulations. The Mill Creek backfill material has been deemed environmentally and geotechnically suitable by PSPC with respect to the Specification Drawing 11 for subgrade and SGSB compacted fill only. Geotechnical samples do not indicate the material is suitable for HFSA in its current condition.

9. Is material from Mill Creek suitable for SGSB without any additional screening or processing?

Based solely on limited geotechnical sampling and subsequent laboratory sieve analyses, Mill Creek Pit materials generally conform to the gradation specifications for Subgrade Fill and SGSB as indicated in Specification Drawing 11. The tested material does not conform to gradation requirements for HFSA as indicated in Specification Drawing 11. The test results indicate that screening is not required to meet SGSB gradation specifications.

10. Do the groundwater and soil vapour monitoring wells within the excavation footprint need to be protected during excavation?

Monitoring Well decommissioning is to be completed in accordance with Provincial Regulations (e.g. *BC Water Sustainability Act*, Groundwater Protection Regulation). The soil vapour monitoring wells within excavation Area E may be pulled during excavation.

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11. Please provide analytical results for soil and groundwater in the excavation areas? Also please identify specific contaminants of concern and maximum concentrations in the excavation areas.

Analytical results and information required to answer this question is located in Appendix B. Appendix B has now been uploaded.

12. Is any additional temporary stockpiling and soil characterization required by the consultant?

Yes, based on field observations and readings if suspect hazardous waste material is excavated it will be stockpiled for soil characterization. Any stockpiled material will be required to be placed on poly and also be covered by poly. Stockpiles are to be in an area that does not obstruct the highway maintenance contractor from accessing buildings, infrastructure, machinery or any other operational materials. Any suspect material that requires *ex situ* characterization must be stockpiled as per Specification Section 01 35 13.43 1.8.

13. As per bid item no. 15, are we allowed to hot load hazardous waste soil for disposal? Please confirm the location of hazardous waste soil and depth.

Obvious hazardous waste may be hotloaded. Any suspect hazardous waste will require testing/characterization prior to disposal therefore hot loading of suspected material is not an option.

14. Should we treat soils removed for temporary sloping and shoring as contaminated with hydrocarbons and salts? Where should we budget for transport and disposal of sloping soils?

Material Excavated in the side slopes or outside the excavation limits may have CSR and/or CCME exceedances. Some side slopes are within known areas of the hydrocarbon contamination. Appendix B should be consulted for specific contaminants and concentrations of contaminants. Excavated soil must be disposed of at a permitted facility. If material is to be placed back on-Site as backfill the soil should be geotechnically and environmentally assessed for backfill suitability. The specific facility is to be determined by the contractor and must be appropriately permitted.

15. Is nominal compaction suitable for excavation backfilling? Will PWGSC be responsible for all geotechnical inspection, sampling and reporting?

Refer to Drawing 11, section 7.0 and the schematic, within the specification package for compaction details. Refer to Drawing 11, section 2.0 and 3.0, for information regarding

tests, inspections and samples. Canada's geotechnical consultant will not provide advice to the Contractor on any matter. The Contractor is responsible for submitting a Sloping, Shoring, Excavation and Backfilling plan that is signed and sealed by a Qualified Professional, as per Specification Section 31 23 33.01 1.3.2.

16. Are you still considering adding an estimated 2 m excavation to prepare for installation of a new shed? Will this work be included with this tender?

Yes, please see updated Drawing 10 and Unit Price Table.

17. Please confirm that cleared vegetation can be left on-site.

Cleared vegetation must be removed from the site and disposed of at a permitted facility, accepted by the Departmental Representative, as per Specification Section 01 35 43 1.12 and 02 61 00.02 3.3.3. Alternatively, the Contractor may elect to mulch all cleared vegetation at no additional cost to Canada. Mulched material to be placed in an onsite location determined by the Departmental Representative.

18. Please confirm that PWGSC is responsible for location and shut off of any utilities in and around excavation areas.

The successful bidder will be responsible for the shut off, disconnection and reinstallation of utilities.

19. Per 01 74 19, 1.6.1 "Assume ownership, and be responsible for waste disposal". Please confirm –the contractor will assume ownership of the material during transport but PWGSC will resume ownership of the material upon disposal and will serve the role of the Generator and will retain any residual liability upon acceptance at an approved facility.

Once the material is loaded for transport ownership of the material does not revert to Canada. The Contractor assumes ownership, and is responsible for Waste once it is loaded on a vehicle, barge, or other vessel for transport. Upon disposal at the permitted, accepted Landfill Facility, Disposal Certificates are to be provided to the Departmental Representative; whereupon, the Disposal Facility becomes the owner of the Waste. PWGSC will serve the role of Waste Generator as per the *BC Environmental Management Act*.

20. During the Site visit, it was mentioned that a poly liner would be installed along portions of the excavation walls prior to backfilling. The specification does not detail where the liner should be installed or what the material specification is. Please provide a drawing showing where liner installation is required and the liner specifications.

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The Departmental Representative will determine if field conditions require the placement of a liner separating the clean backfill from in-situ contaminated material. Bidder's do not need to allow for this in their bids

21. Is the Contractor required to provide an office trailer for the Departmental Representative?

The Contractor is required to provide office facilities as per Specification Section 01 52 00 1.11

22. In accordance to - GC5 Terms of Payment R2850D (2016-01-28) – GC 5.10 Assessments and Damages for Late Completion – the damages are listed as the cost incurred by Canada for the delay. We are unable to calculate the potential cost of this. Could you provide a fixed cost per day or week of costs incurred as a result of delay beyond the Completion date?

There is not a fixed cost per day or week that applies as a result of delays beyond the Completion date. However, costs would typically include standard rates for the PWGSC Project Management Team, the Consultant Team, any extraordinary costs associated with project management and monitoring (e.g. lab analytical, travel costs, etc.). Costs associated with Canada's Loss of Use of the site may also apply.

OMIT APPENDIX 1 – COMBINED PRICE FORM of the solicitation document and **REPLACE** with the following labelled **APPENDIX 1 – COMBINED PRICE FORM – REVISED AUGUST 17, 2017**:

The **APPENDIX 1 – COMBINED PRICE FORM – REVISED AUGUST 17, 2017** must be used when submitting your bid. Any bid submitted on a previous version of APPENDIX 1 – COMBINED PRICE FORM will be considered non-compliant and therefore disqualified.

EXTENSION TO CLOSING DATE

EZ897-180732/A

Steamboat Maintenance Camp
KM 537.9, Alaska Highway. BC

Notice is hereby given that the above information notice previously due at 2:00pm PDST on August 22, 2017 is hereby extended to **2:00pm PDST on August 24, 2017**.

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Attendees to Mandatory Site Visit – August 10, 2017

Milestone

SITE Resource Group

Tangle Ridge Custom Construction

WERI

Tervita

QM Environmental

APPENDIX 1 - COMBINED PRICE FORM – REVISED AUGUST 17, 2017

- 1) The prices per unit will govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

A) UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

Item No.	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
1	Pre-Mobilization Submittals	Lump Sum	1		
2	Mobilization	Lump Sum	1		
3	Site Preparation	Lump Sum	1		
4	Site Facilities - Provision	Lump Sum	1		
5	Site Facilities - Operation	Lump Sum	1		
6	Standby Time	Day	3		
7	Contaminated Water Treatment - Provision	Lump Sum	1		
8	Contaminated Water Treatment - Operation	Litres	1,000		
9	Temporary Sloping and Shoring	Lump Sum	1		
10	Waste Oversize Debris Removal	Hour	20		
11	Excavation - Soil	Cubic Meters	11,640		
12	Excavation - Rock	Cubic Meters	255		
13	Backfill – Imported	Cubic Meters	1,000		
14	Backfill – Owner Supplied	Cubic Meters	14,295		
15	Transport - Contaminated Material: Hazardous Waste	Tonnes	10		

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005

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PWY-7-40132

Item No.	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
16	Transport - Contaminated Material: Waste Quality	Tonnes	24,250		
17	Transport - Non-Contaminated Material and Waste	Tonnes	10		
18	Disposal - Contaminated Material: Hazardous Waste	Tonnes	10		
19	Disposal - Contaminated Material: Waste Quality	Tonnes	24,250		
20	Disposal - Non-Contaminated Material and Waste	Tonnes	10		
21	Site Restoration	Lump Sum	1		
22	Demobilization	Lump Sum	1		
23	Closeout Submittals	Lump Sum	1		
24	Geomembrane and Nonwoven Geotextile	Lump Sum	1		
25	Drain Rock	Cubic Meters	660		
TOTAL BID AMOUNT					
Excluding applicable tax(es)					