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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

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 Sewer System Upgrade,Rehabilitation	
Solicitation No. - N° de l'invitation EZ899-220690/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client	Date 2021-08-12
GETS Reference No. - N° de référence de SEAG PW-\$PWY-025-9026	
File No. - N° de dossier PWY-1-44051 (025)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Pacific Daylight Saving Time PDT on - le 2021-08-19 Heure Avancée du Pacifique HAP	
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: Fung, Donna(PWY)	Buyer Id - Id de l'acheteur pwy025
Telephone No. - N° de téléphone (604) 671-9689 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CSC – William Head Institution – Metchosin, 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

Solicitation No. - N° de l'invitation
EZ899-220690/A

Amd. No. - N° de la modif.
003

Buyer ID - Id de l'acheteur
PWY025

Client Ref. No. - N° de réf. du client
R.098006.001

File No. - N° du dossier
PWY-1-44051

CCC No./N° CCC - FMS No./N° VME

This Amendment No. 003 is raised to incorporate Addendum No. 1.

See the attached Addendum No. 1.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

EZ899-220690/A
Sewer System Upgrade and Rehabilitation
Addendum No. 1

General

The following changes / clarifications in the tender documents are effective immediately. This Addendum will form part of the Contract Documents.

Drawings

Please see attached for revised Drawing C03 with mark-ups. A 73 m stretch of storm sewer is removed from the scope of the project and instead new storm sewer shall tie-in to a new storm manhole built over top of an existing catch basin lead which outfalls to a nearby culvert and headwall.

Specifications

Section 01 35 43 Environmental Procedures

1.3 Definition

Please add the following new paragraph 1.3.4:

1.3.4 Tree Protection Plan: is prepared by the Contractor's Professional Arborist (hired directly by the Contractor) and will form part of the Environmental Protection Plan. The Tree Protection Plan describes in writing the protection and mitigation measures that will be applied to avoid or minimize the potential effects on the trees associated with the Project activities. The Arborist should be on site to supervise construction activities during excavation and earthworks which have the potential to adversely effect trees and tree root systems.

1.4 SUBMITTALS

.3 Environmental protection plan to include:

(insert after 1.4.3.11)

1.4.3.12 Tree Protection Plan that: identifies tree locations within vicinity of proposed manhole replacement (s), identifies tree species and age, and identifies mitigation measures to avoid or minimize the potential effects on the trees associated with excavation.

Amend specification to add New Section 1.13

1.13 Site Clearing and Plant Protection

.1 Protect trees and plants on site and adjacent properties as indicated by Contractor's Arborist.

.2 Wrap in burlap, trees and shrubs adjacent to construction work, storage areas and trucking lanes, and encase with protective wood framework from grade level to height of 2 m minimum.

.3 Protect roots of designated trees to dripline during excavation and site grading to prevent disturbance or damage. Avoid unnecessary traffic, dumping and storage of materials over root zone. **Contractor's Arborist should remain on site and supervise construction activities during excavation of soil and earthworks when located within the dripline of the tree.**

.4 Minimize stripping of topsoil and vegetation.

.5 Restrict tree removal to project areas.

.6 Provide barriers around trees and plants to remain within the project area. Protect from damage by equipment and construction procedures.

Section 31 00 99 Earthworks for Minor Works

1.4 Protection

Replace paragraph 1.4.4 with the following:

1.4.4 Protect natural and man-made features required to remain undisturbed. Contractor's Arborist is to supervise any earthworks located within the dripline and provide guidance to protect the trees and roots from damage by equipment. Unless otherwise indicated or located in an area to be occupied by new construction, protect existing trees from damage unless approved by the Department Representative.

Section 31 23 33.01 Excavating, Trenching and Backfilling

3.8 Excavation

Replace paragraph 3.8.4.1 with the following:

3.8.4.1 If excavating through roots, excavate by hand and cut roots with sharp axe or saw, as directed by the Contractor's Arborist, and approved by the Departmental Representative.

Section 33 05 13 Excavating, Trenching and Backfilling

Part 2 – Products

Renumber Part 1.6 Materials as Part 2.1 Materials.

Replace paragraph 2.1.12.4 (revised numbering) with the following:

2.1.12.4 Manhole frames and covers: Bolt-down cover cast with perforations, a minimum of four (4) bolt holes, and complete with two 25 mm square lifting holes.

Part 3 – Execution

Renumber Part 1.7 Manufacturer's Instructions as Part 3.1 Manufacturer's Instructions

Renumber Part 1.8 Excavation and Backfill as Part 3.2 Excavation and Backfill

Renumber Part 1.9 Concrete Work as Part 3.3 Concrete Work

Renumber Part 1.10 Installation as Part 3.4 Installation

Renumber Part 1.11 Adjusting Tops of Existing Units as Part 3.5 Adjusting Tops of Existing Units

Renumber Part 1.12 Sealing Over Existing Units as Part 3.6 Sealing Over Existing Units

Renumber Part 1.13 Field Quality Control as Part 3.7 Field Quality Control

Renumber Part 1.14 Cleaning as Part 3.8 Cleaning

Bidder Questions:

Q1: *Could you provide the inspection videos of the lines that are to be relined?*

A1: We will provide the videos to the Contractor after award.

Q2: *Section 2.2 is a specification for UV lining with a fiberglass liner and the physical properties that are being asked for and not possible with the air steam method and felt liners, we typically use 2740 MPa for our short term flexural modulus.*

We follow ASTM F1216 (Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of Resin-Impregnated Tube) which is for the inversion method of pipe relining. We still use the design criteria listed in item 3.7 in the contract but our liner would be a little thicker because of the difference in flexural modulus we use. Typically in 200mm pipe our liners would be 4.5mm thick.

Let us know if you can change the tender to allow air inversion and steam cure using ASTM F1216-16 for physical properties and installation procedures.

A2: The method proposed would be an acceptable alternative/equivalent method.

End of Addendum No. 1

