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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 KEL,SET (Reay) Creek Remediation	
Solicitation No. - N° de l'invitation EZ897-210089/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client	Date 2020-05-29
GETS Reference No. - N° de référence de SEAG PW-\$PWY-036-8778	
File No. - N° de dossier PWY-0-43008 (036)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-06-12	
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: Martin (PWY), Delia	Buyer Id - Id de l'acheteur pwy036
Telephone No. - N° de téléphone (778) 707-2139 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: TC - Reay Creek Pond - Reay Creek, Sidney	

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. - N° de l'off. à comm.
EZ897-210089/A

Amd. No. - N° de la modif.
001

Buyer ID - Id de l'acheteur
pwy036

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

File No. - N° du dossier
PWY-0-43008

CCC No./N° CCC - FMS No/ N° VME

Les documents français seront disponibles sur demande.

This Amendment #001 is raised to issue Addendum No. 1.

Please see Addendum No. 1 attached.

The addendum will form part of the contract documents.

All other terms and conditions remain unchanged.

Facility Name: KÉL,SET (Reay) Creek Pond
Project Name: KÉL,SET (Reay) Creek Pond Remediation
Project Number: EZ897-210089/A

Addendum #01

Date: 2020-05-29

The following changes in the tender documents are effective immediately. This Addendum will form part of the contract documents.

Questions and Answers

Question #1 - Do each QP or QEP have to have all experience listed or can there be a team of professionals that cover the experience requirements?

Answer #1 - The QP and QEP can either be an individual or a team; however, regardless of the structured approach to fulfilling the roles it must be demonstrated that all experience requirements identified in the mandatory criteria and specifications (01 11 00 Summary of Work - Sections 1.4.1.4 and 1.4.1.5) are met.

Question #2 - Does the QEP and/or contractor's environmental monitors have to be on-site continuously for the duration of the construction period?

Answer #2 - Yes, as per 01 11 00 Summary of Work - Section 1.4.1.4 – "Qualified Environmental Professional(s) to be present at site for duration of Work"

Question #3 - Can clearing of north bank of pond be done to allow access to entire frontage of pond?

Answer #3 - As per 01 35 43 Environmental Procedures - Sections 1.6.3 and 1.6.4, vegetation removal is to be limited and riparian areas are to be retained intact to the extent practicable. Contractor is to select specific access points and routes to the excavation area and submit a Site Access Plan detailing access and egress routes for approval by the Departmental Representative. Site Access Plan shall also identify equipment types and methods to limit riparian area vegetation clearing. Riparian vegetation removal is expected to be approximately 250 – 300 m² and the Contractor is responsible for delineating boundaries of clearing and grubbing areas to avoid unnecessary encroachment on areas to be retained.

Question #4 - Can the contractor install access roads with imported material for equipment and material transport?

Answer #4 - Imported material such as crushed rock and road-base materials may be used to establish access and egress routes through the riparian zone to and from the excavation area for the purpose of contaminated material transport. Methods and materials for establishing access and egress routes shall be outlined in the Site Access Plan for approval by the Departmental Representative.

All placed material shall be removed from site at completion of the project and shall not be re-used elsewhere on the project site unless it is free of contamination and is approved by the Departmental Representative. All material imported to the site for project use must be characterized in accordance

with 02 61 00.03 Contaminated Sites Excavation - Section 1.3.2 and applicable documentation is to be provided to the Departmental Representative as set out in Section 1.3.5.

Restoration of access areas following removal of imported material shall be conducted including grading of soil, eliminating uneven areas and low spots, ensuring positive drainage, scarifying the graded surface to a minimum of 100 mm deep and installing temporary erosion and sedimentation control measures. Replanting of disturbed areas will be performed by others.

Question #5 - Is access to south side of pond allowed?

Answer #5 - Properties located on the south side of the project site are private properties. No access is allowed.

Question #6 - What are the restoration and replanting requirements in disturbed areas?

Answer #6 - Site restoration requirements are identified in 01 25 20 Mobilization and Demobilization - Section 1.10 and as identified on the drawings. Revegetation planting and seeding of all disturbed areas within the riparian zones and aquatic planting benches will be completed by others as per 01 25 20 Mobilization and Demobilization - Section 1.10.9.

Question #7 - Do all creek flows have to be bypassed? What happens during storm events during construction and what is the contractor responsible for during high flow events on Reay Creek during construction?

Answer #7 - The contractor is responsible to bypass creek flows around the project site so that work can proceed at near dry conditions. They must maintain this bypass for the duration of construction. The contractor must have sufficient excess/standby pumping/bypass capacity available on site to ensure all high flow events that happen during construction are safely bypassed. Annex A outlines the requirements of a contractor developed Water Management Plan to be submitted for approval by the Departmental Representative. The hydrology and flow information in Annex A is provided for information only. The contractor's qualified professional engineer shall advise the contractor on methods to ensure that all flows are controlled and bypassed during construction.

Refer to the following sections of the specifications for further information:

- 01 11 00 Summary of Work - Sections 1.4.1.5 and 1.4.1.7
- 01 35 43 Environmental Procedures - Sections 1.4.2; 1.15.1.4; 1.15.2.3
- 02 62 00.03 Contaminated Sites Excavation - Sections 3.6.1; 3.6.6; and 3.6.7
- Annex A Water Management Information

Question #8 - Does the site have to be physically monitored overnight and weekends? Can remote or periodic monitoring be done?

Answer #8 - As per 01 35 43 Environmental Procedures - Section 1.15.2.3, monitoring of water diversion infrastructure is to be conducted continuously including over nights and weekends. Physical monitoring of the diversion infrastructure is required. Remote monitoring will not be considered unless expressly approved by the Departmental Representative.

Question #9 - If the contractor can contain or treat silty water, can any part of the excavation of the pond be completed in the wet?

Answer #9 - As per 01 11 00 Summary of Work - Sections 1.4.1.7 and 02 61 00.03 Contaminated Sites Excavation Section 3.6.7, excavation work is to be carried out in isolation of stream flows and work areas are to be kept dry. Dewatering of the site following stream flow diversion is required and the site is to be maintained in a dry condition during the excavation work.

Question #10 - For the initial pond dewatering, is there a restriction on the pumping rates or is it up to the contractor's discretion?

Answer #10 - As per Annex D – Geotechnical Assessment of Potential Impacts to Dam, no specific maximum draw-down rate for pond dewatering is identified assuming the pond will take at least several days to be lowered. However, the Contractor is required to prepare and submit a Water Management Plan for approval by the Departmental Representative. The Water Management Plan (see Annex A for further details) must provide details of the dewatering plan outlining the method and rate of flow for dewatering of the pond prior to excavation of sediments complete with discharge locations, time of day and flowrates. The Contractor's qualified professional is responsible for determining suitability of discharges to the environment including discharge quality, including but not limited to contaminants of concern, turbidity, temperature, and erosion and sedimentation considerations at the point of discharge. The Contractor's qualified professional is responsible for monitoring all discharges. Discharge flow rates are to be planned and adjusted such that erosion and sedimentation within the receiving environment do not occur.

Question #11 - Can an extension to the construction window for in-stream work be granted?

Answer #11 - No, per 01 11 00 Summary of Work - Section 1.10.3 all in-water work is to be completed between 15 June and 15 September 2020 and Annex F - Permits and Authorizations.

Question #12 - Under current COVID-19 restrictions, what health and safety requirements will the contractor be responsible for the contract?

Answer #12 - Preparing and implementing the site-specific Health and Safety Plan is the responsibility of the Contractor in their role as the Prime Contractor. This HASP must clearly indicate that the Work will follow:

- All relevant federal requirements,
- All relevant provincial requirements, including WorkSafeBC, and
- Canadian Construction Association COVID-19 - Standardized Protocols for All Canadian Construction Sites

Question #13 - The security of the site is the responsibility of the contractor, is there a specific type of barrier/fencing required for the site? Will the fire hydrant at Northbrook and Wesbrook Drive need to be outside the perimeter fencing?

Answer #13 - Fencing of the KÉL,SET (Reay) Creek Pond in-water work area is to be placed along the entire boundary of the construction work area as identified in the tender documents. Fencing is to be 1.8 m high, fabric cover to block sight lines and securely fastened. The final alignment of the fencing is to be confirmed with the PSPC departmental representative. Further details of fencing requirements are identified in the tender documents. The fire hydrant located at the corner of Northbrook Drive and Wesbrook Drive must be accessible to emergency crews and Town of Sidney staff at all times and should be located outside of the perimeter security fencing.

Question #14 - Can the contractor use amendments to address wet material? If so, can amendments be applied to excavated material within the pond? If material can be stabilized on-site, can material be transported directly to a disposal facility without temporary stockpiling?

Answer #14 - Amendments to increase stabilization of the excavated material prior to transport may be permitted with appropriate environmental controls in place. No release to the environment of amendments or additives will be permitted. If amendments are proposed, the contractor will be required to include details of methods and appropriate mitigation measures associated with the amendment process within the Environmental Protection Plan (EPP) for approval by the Departmental Representative. Application of amendments within the pond area following excavation as well as direct transport without temporary stockpiling may be permitted by the Departmental Representative upon approval of appropriate details within the EPP. The contractor shall consider the use of liners or other containment measures to ensure there are no releases of amendment materials to the environment or other environmental impacts associated with the amendment process. Application of amendments shall not be conducted in areas where there is a risk of flooding or other interaction with local watercourses or during periods of unsuitable environmental conditions (e.g., high winds, heavy rain, etc.). All amendment materials shall be stored in an appropriate laydown area away from waterbodies and conveyance structures and be appropriately secured and covered. A spill contingency and response plan for amendment materials and products shall be included in the EPP.

Following removal of the amended sediments from the site, the contractor is responsible for scraping all areas used for amendment application such that no residual materials are left on site. Confirmation sediment or soil samples to verify no residual material remains at the site may be required by the Departmental Representative to be conducted by the contractor at no additional cost to the contract.