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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 Snootli Creek Hatchery Aeration Fac	
Solicitation No. - N° de l'invitation F1700-211944/A	**Amendment No. - N° modif.** 001
Client Reference No. - N° de référence du client F1700-211944	**Date** 2021-11-25
GETS Reference No. - N° de référence de SEAG PW-$PWY-031-9077	
File No. - N° de dossier PWY-1-44133 (031)	**CCC No./N° CCC - FMS No./N° VME**

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM Pacific Standard Time PST
on - le 2021-12-07 Heure Normale du Pacifique HNP

F.O.B. - F.A.B.
Plant-Usine: ☐ **Destination:** ☑ **Other-Autre:** ☐

Address Enquiries to: - Adresser toutes questions à: Leung, Janie	**Buyer Id - Id de l'acheteur** pwy031
Telephone No. - N° de téléphone (778) 919-3273 ( )	**FAX No. - N° de FAX** (604) 775-6633

Destination - of Goods, Services, and Construction:
Destination - des biens, services et construction:
DFO – Snootli Creek Hatchery – Bella Coola, 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**

Canada

Solicitation No. - N° de l'invitation	Amd. No. - N° de la modif.	Buyer ID - Id de l'acheteur
F1700-211944/A	001	PWY031
Client Ref. No. - N° de réf. du client	**File No. - N° du dossier**	**CCC No./N° CCC - FMS No./N° VME**
	PWY-1-44133	

Les documents français seront disponibles sur demande

This Amendment 001 is raised to issue Addendum 001.

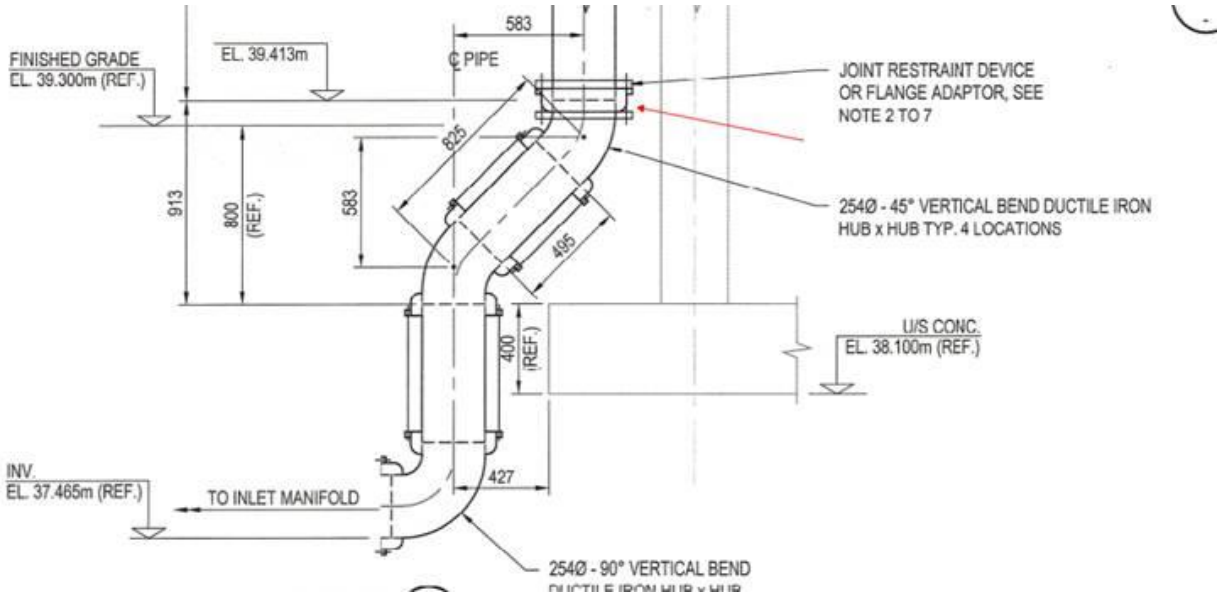
All other terms and conditions remain unchanged.

THE FOLLOWING CHANGES/CLARIFICATIONS IN THE TENDER DOCUMENTS ARE EFFECTIVE IMMEDIATELY.

"THIS ADDENDUM WILL FORM PART OF THE CONTRACT DOCUMENTS"

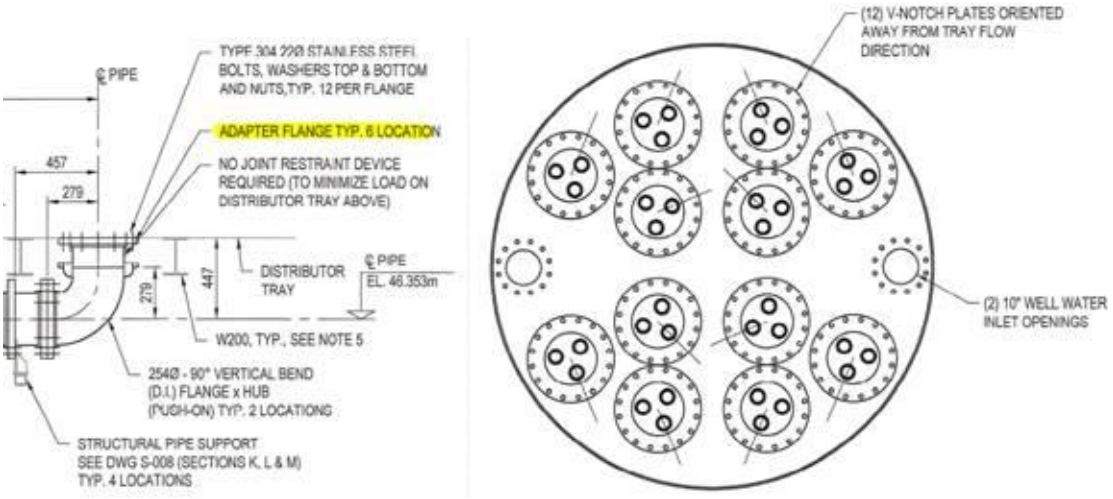
ANSWERS TO QUESTIONS RAISED BY BIDDERS

Q1. On drawing C-009 can you please provide a detail of this connection and how it should be assembled as a 1390 is a restraint harness for pipe bell joints and 900 is a flange adaptor:



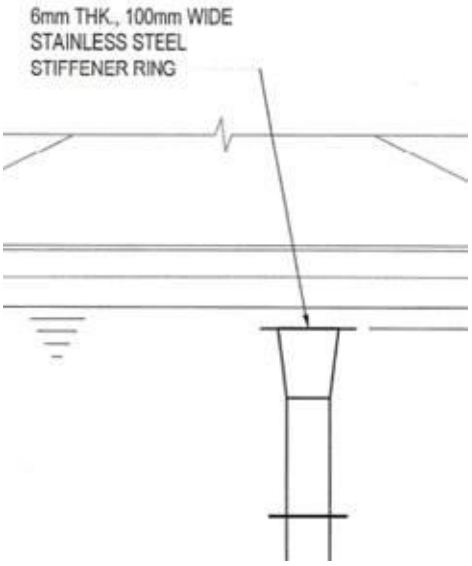
A1. Do not use a flange adapter where there is a "push-on", hub or bell joint. Use flange adapters to connect to flanged joints. Use joint restraint devices at "hub" or bell connection joints.

Q2. On drawing C-009 can you please provide a detail to where the 6 locations are? I only see 2 on the drawings.



A2. The are six locations along the top, horizontal run of pipe that turns up to connect to the underside of the distributor tray : one at the underside of distributor tub, one at the flange end of the vertical pipe bend, one at the "inside" structural support (see Dwg -S-008, Sections K, L & M) for the horizontal pipe run, one on each side of the expansion-contraction joint, and one at the "outside" structural support for the horizontal pipe run.

Q3. Can you please provide a detail of what a stiffener ring is to look like as referred to on drawings C-006? Is this a F x F DI reducer like the rest of them? Is there a flange to be added below it not shown on the drawings?



A3. The stiffener ring shall be a simple flat circumferential ring that is 6 mm thick, 100 mm wide (like an AWWA Anchor Ring) that is fillet welded (6 mm) to the upper, large end of the reducer. Infill any gaps between the pipe and the "topside" of the ring with weld bead, then grind smooth before applying the polyurethane coating. The stiffener ring shall be Type A106 carbon steel. Refer to Drawing -C-005, Note 13.

Q4. On drawing C-009 the piping on the horizontal appears to be PVC with DI fittings on it. Note 16 on drawing C-005 calls for it to be stainless steel. What specification is correct and where does the material change take place?

A4. The "horizontal tank-filling pipe" in Note 16 on Drawing -C-005 refers to a nominal 76 mm diameter pipe Schedule 40 stainless steel pipe shown on Drawing -S-005, North Elevation, and shown on Drawing -S-006, Plan View from Top of Concrete Wall. The "tank-filling pipe" will be used to fill tanker trucks from the elevated reservoir. Note 16 does not refer to the horizontal run of pipe shown on Drawing -C-009 and elsewhere.

Q5. On drawing S-005 the North Elevation refers to a 76mm s.s embedded external tank fill nozzle. I do not see this pipe on the civil drawings. Can you please clarify what is to be installed here?

A5. *The "horizontal tank-filling pipe" in Note 16 on Drawing -C-005 refers to a nominal 76 mm diameter pipe Schedule 40 stainless steel pipe shown on Drawing -S-005, North Elevation, and shown on Drawing -S-006, Plan View from Top of Concrete Wall. This tank-filling nozzle is not otherwise shown on the Civil drawings. The "tank-filling pipe" or "nozzle" will be used to fill tanker trucks from the elevated reservoir.*

Q6. Please provide a door schedule for the project.

A6. Please see the door schedule below.

Door Schedule

Row #	Name	Style	Casing (Frame) Size		Quantity	Material	Colour	Hinges	Comments
			Width (mm)	Height (mm)					
1	Ground Level Entrance	Double Door	2,700	2,300	1 pair		To match existing facility colour scheme	On the sides	See drawings S-002 and S-005
2	Upper Level Access	Single Door	901	2,130	1		To match existing facility colour scheme	On the north side	See drawings S-002 and S-005

The doors shall be pre-assembled door systems suitable designed and fabricated for commercial buildings. Face skin shall be 18 gauge (smooth) and include a 150 mm x 610 mm vertically oriented window positioned 150 away from the handle edge of the door. Door hardware components shall include Grade 1 mortise lever locks, Grade 1 cylindrical lock sets, grade 1 door closers, plaza style door handles with satin stainless steel finish, aluminum finish on the door closers, and steel polish and plated full mortise template hinges.

Q7. Drawing S-004 item 4.1 refers to the cladding system of the upper steel portion of the structure to be designed by others. Will DFO be providing the design? If the design is to be completed by the contractor can you please confirm what the design intent is as there does not appear to be purlins or side rails with adequate spacing for the roofing and cladding to be attached to.

A7. No, DFO will not be providing the design for the metal cladding required. Rather, the contractor shall design, supply the materials, and construct the roof and wall cladding system. The contractor shall design the cladding system including the purlins, girts (or side rails), sag rods and any other structural elements of the cladding system. See Items 4.2, 4.3 and 4.4 on Drawing S-004 which provide further details about the intent or function of the cladding system as well as how it should be integrated with the main structure.

The contractor shall engage a specialist metal cladding sub-contractor for this design-build cladding work unless the contractor has credible and acceptable expertise and experience in metal-cladding design and construction.

Q8. Is there any electrical or lights in this building?

A8. No.

Q9. Are there additional drawings that are being released for this tender? Drawings C-001 & C-002 are missing a scale, site finishes and details for the tie in points? Drawings C-001 & C-002 are missing a scale, site finishes and details for the tie in points.

A9. No. Drawings -C-001 and -C-002 have been issued to provide context for the Hatchery Facility Aeration Tower ; in particular, the Aeration Tower piping that will be capped as part of the contractual construction work. Later, others will connect the buried ends of the Aeration Tower piping to the well water supply piping and to the distribution piping.

The buried supply piping from the wells to the Aeration Facility, and the distribution piping from the Aeration Facility to the tubs and rearing ponds are not part of the scope of work in this contract.

Q10. With the owner installing the aeration distributor assembly what is the scope break between the contractor and the owner.

A10. Clarifying : The contractor shall fabricate and install the Aerator Distributor Unit on the top floor of the structure, and shall connect the supply water piping to the underside of the Aerator Distributor Tray. Supply and installation of the Aerator Distributor Tray is part of and is included in the scope of work in this contract.

Q11. There is a 254 diameter pipe going from the aeration tower and through the building. Do you have any details of how this is to be installed and what it is being connected to?

A11. See Drawing -C-009 in particular for details.

Q12. Are you able to provide a site contact to arrange a site meeting?

A12. The site can be accessed from 0800h to 1500h daily. All visitors must show proof that they are fully vaccinated to attend the site. All site visits must be coordinated by contacting the site at 250.982.2614 or 250.982.2214.

Q13. Do you have any photos of the worksite that you can provide?

A13. There are no current photos available.

Q14. Can original drawing be provided? It appears that the drawings provided have been scanned in as the scaled dimensions do not meet the printed dimensions?

A14. Full size IFC (Issued for Construction) Drawings will be available upon contract award.

Q15. On drawing C-005:

a. Note 12 calls for hot dipped carbon steel bolts while note 14 calls for stainless steel. Can you please clarify what spec is for what items?
b. Note 16 is calling for stainless steel but the drawings show series 200 uni-flanges that appear to be for ductile pipe. Can you please confirm where the piping transitions from DI to stainless

A15. a) The stainless steel bolts shall be used to fasten the polyurethane-coated carbon steel pipe and reducer described in Note 13 related to the overflow pipe that will extend to the top level of the water that will be in the reservoir. As well, stainless steel bolts shall be used to connect the supply water pipes to the

underside of the Aerator Distributor Tray. Galvanized steel bolts shall be used elsewhere.

b) There is not any stainless steel pipe or pipe fittings, except for the separate, standalone, 76 mm diameter stainless steel embedded external tank filling nozzle shown on Drawing -S005, North Elevation, and on Drawing -S-006, Plan from Top of Concrete Wall. Refer to Answers A4 and A5 for additional details.

Q16. To our understanding, an electrical scope is excluded from an original tender? As there are no electrical drawings included and specifications do not have any details for electrical equipment such as lighting, receptacles etc.

A16. Correct. Electrical works are not part of the contractual scope of work, and are excluded.

Q17. Can we ask for a bid extension? Due Flooding and other emergencies in BC Interior and various delays caused by these events.

A17. Bid extension is not being considered at the present time.

Q18. Regarding the RFP for the project, it mentions electrical a number of times in the specifications. Can you clarify the scope of any electrical work ?

A18. Electrical works are not part of the contractual scope of work, and are excluded.

Q19. Please confirm that marker stakes indicated on the drawings correctly mark location of stub end of all 13 pipe locations.

A19. Clarifying : No, marker stakes do not mark the location of buried stub ends of pipes. There currently are not any marker stakes. Rather, <u>the contractor shall supply and install marker stakes</u> abutting the caps on the ends of the buried piping that he constructs. Later, others will use the marker stakes that the contractor has installed to find the capped ends of the piping that the contractor has constructed.

End of Addendum No. 1