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British Columbia
V6Z 0B9
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 Boat Grid Remediation	
Solicitation No. - N° de l'invitation F1571-208002/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client	Date 2020-07-06
GETS Reference No. - N° de référence de SEAG PW-\$PWY-036-8786	
File No. - N° de dossier PWY-0-43013 (036)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-07-17	
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: DFO - Porpoise Bay - Sechelt, 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. - N° de l'off. à comm.
F1571-208002/A

Amd. No. - N° de la modif.
002

Buyer ID - Id de l'acheteur
pwy036

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

File No. - N° du dossier
PWY-0-43013

CCC No./N° CCC - FMS No/ N° VME

Les documents français seront disponibles sur demande.

This Amendment #002 is raised to:

1: Extend the closing date of the solicitation

2: Issue Addendum #02

Extension of Solicitation Closing Date

Extension of Time for Tenderers

Boat Grid Remediation – Fisheries and Oceans Canada

Porpoise Bay Government Wharf - Sechelt, BC

Solicitation No: F1571-208002/A

Notice is hereby given that the time for reception of tenders previously due at 2:00 p.m. P.D.S.T. on 10 July 2020 is hereby extended to 2:00 p.m. P.D.S.T. on 17 July 2020.

2: Please see Addendum No. 02 attached.

The addendum will form part of the contract documents.

All other terms and conditions remain unchanged.

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

ANSWERS TO BIDDER QUESTIONS

QUESTION 1: Should we assume that excavated sediment in the bulk and detailed excavation areas has contaminant concentrations consistent with Section 35 21 50 Excavated/Dredged Material Disposal Section 1.6.7. and 1.6.8?

ANSWER 1: Yes

QUESTION 2: Can you confirm the date/time of the air photo provided in Addendum #1?

ANSWER 2: The photo was taken on August 19, 2017 at 2pm.

QUESTION 3: Is there access to the site and intertidal zone from land near the wharf entrance?

ANSWER 3: Please refer to aerial photo from addendum 1 and the attached site plan for dimensions. The contractor shall be compliant with the Environmental Procedure section and complete the works without causing harm to fish or fish habitat.

QUESTION 4: Are we allowed to access the wharf for this work?

ANSWER 4: The access to the wharf is allowed within the posted load limit, so long as the pedestrian access is maintained. During the operations, pedestrian access to the wharf may be limited. Pedestrians are not to be held up for more than 15 minutes at a time. Vehicle access can be closed during the dredging and backfilling operations.

QUESTION 5: Can you provide information on the wharf weight capacity and dimensions?

ANSWER 5: Please see the dimensions on the attached site plan. The load limit as posted on site is the following:

MAX G.V.W.: 11,000 kg, for 3 axles

MAX G.V.W.: 6,000 kg, for 2 axles

QUESTION 6: Has an area been put aside on land for equipment staging/stockpiling if necessary?

ANSWER 6: Yes, equipment staging/stockpiling area will be approximately 30ft x 100ft, 7-8 stalls on the west side of the parking lot.

QUESTION 7: Is a toilet available for use on-site?

ANSWER 7: No toilets on site, but nearby establishments have public toilets

QUESTION 8: Can water draining from the dredge gate be passively put back into the head frame (moon pool) of the dredge during dredging operations?

ANSWER 8: This is acceptable so long as the contractor is compliant with the Environmental Procedures section 01 35 43, including the water quality guidelines.

QUESTION 9: Can PSPC identify an upland laydown area for the contractor to use for portable office and sanitary facilities?

ANSWER 9: See response to Question 7.

QUESTION 10: Will the wharf be open during dredging and backfilling operations?

ANSWER 10: The wharf will be open during operations. Pedestrian access to the wharf may be limited. Pedestrians are not to be held up for more than 15 minutes at a time. Vehicle access can be closed during the dredging and backfilling operations.

QUESTION 11: Section 35 20 23 Excavation/Dredging, Part 3.1.5 : *Contractor to determine suitable side slopes to avoid damaging or undermining adjacent eelgrass bed and wharf support piles. If the eelgrass bed is disturbed or impacted by the excavation works, side slopes or sediment control devices, the Contractor will be responsible for replanting the eelgrass at a ratio of 2:1. If support piles are damaged, the Contractor will be responsible for replacement or repair costs.*

Can a bracing plan for the approach be made available?

ANSWER 11: Please refer to the Porpoise Bay - Braces and Walers table attached as well as the drawing attached.

July 3, 2020

QUESTION 12: Section 35 20 23 Excavation/Dredging, Part 3.1.5; Unfortunately this work will require marine based excavation equipment. We have evaluated the project and determined that a spud barge will be required to complete the work. The requirement of replacing damaged eel grass becomes too much of a risk for us to consider placing a bid. We would take every effort to minimize eel grass damage but would like the requirement to replace it removed. Will Canada remove this requirement?

ANSWER 12: This requirement cannot be removed. The eelgrass is located on one of the 3 sides of the excavation. A map of the eelgrass was provided as a part of the original tender.

QUESTION 13: Section 35 20 23 Excavation/Dredging, Part 3.1.11 : *Barges loaded with sediment will not be allowed to dewater contaminants into an eelgrass bed or adjacent foreshore; only clean water will be allowed to be directed back into the marine environment. Barges must have walls or similar containment feature to prevent overflow of water unless it can be demonstrated the overflow water is clean. The contractor must include in their Environmental Protection Plan how they intend to meet this requirement.*

The material that is stock piled on a barge will need to be dewatered prior to transportation. We propose two options. Can you please advise if these options below will be acceptable?

- a. Water will be diverted back into the silt curtain containment
- b. Water will pass through a filter cloth installed around the perimeter of the material barge

ANSWER 13: Both options are acceptable so long as the contractor is compliant with the Environmental Procedures section 01 35 43.

QUESTION 14: Have the piles that supported the existing boat grid been extracted?

ANSWER 14: No, the piles have been cut above the seabed.

QUESTION 15: We are formally requesting a 1 week extension to the bid closing date.

ANSWER 15: The tender has been extended. Please refer to the posting.

July 3, 2020

QUESTION 16: As per the specifications: *“works are to be completed between July 15 and September 15, 2020 or December 1, 2020 to February 15, 2021 during the least-risk fisheries work windows. Site Work should begin as soon as possible following award, or when owner supplied silt curtain and silt fence are installed on site, whichever is sooner”.*

When does the owner anticipate to install the silt curtain?

ANSWER 16: **The silt curtain and silt fence will be installed within the 14 days prior to the contractor mobilizing, and after the Department Representative receives the notice, section 01 11 00 Part 1.3.2.**

QUESTION 17: How long will it take to install the silt fence and silt curtain after receiving notification of mobilization?

ANSWER 17: **See response to question 17.**

QUESTION 18: Will the contractor be required to assist with the installation of the silt fence and silt curtain?

ANSWER 18: **No**

QUESTION 19: As per the specifications: *“The Contractor shall normally perform all work within daylight hours, except in instances where the Contractor has requested and received approval for shift changes from the Departmental Representative”*

Are all activities restricted to daylight hours or is this limited to the actual dredging and/or backfilling works?

ANSWER 19: **All activities are subject to the following district regulation: No person before 0700 hours or after 2100 hours engage in construction in such manner as to create noise.**

QUESTION 20: Can other activities such as barge moves, barge to barge material transfers take place outside of daylight hours?

ANSWER 20: **See response to question 20.**

QUESTION 21: As per the specifications: *“The environmental monitor will be retained by the owner to conduct water quality monitoring for turbidity. Turbidity not to exceed 8 NTU above background where marine vegetation (i.e. eelgrass) is present. If exceedances occur, the work will stop until additional silt curtains/fences are installed or work is conducted under different tidal conditions (e.g., incoming tide).*

Will the contractor need to supply the environmental monitor with a boat to access the sampling area?

ANSWER 21: **No**

July 3, 2020

QUESTION 22: As per the specifications: "The Contractor shall not enter on nor occupy with men, tools, equipment or material, any ground outside the property of the Harbour Authority without the written consent of the party owning such ground".

Can a map be supplied indicating the boundaries of the Harbour Authorities' property, exclusion zones within the harbour, etcetera.

ANSWER 22: Yes, please see the Aerial Overlay attached

QUESTION 23: As per the specifications: "Hydraulic machinery will use environmentally friendly hydraulic fluids (i.e., non-toxic to aquatic life, biodegradable)".

Does this apply to all machinery that is working on the project or is this limited to machines working in the marine environment?

ANSWER 23: Section 01 35 43 Part 1.8.11 is limited to machines working in the marine environment.

QUESTION 24: Can we please request an extension for the bid submission?

ANSWER 24: See response to Question 16.

QUESTION 25: Can you provide specification details for the dock including the width and the dock load-bearing capacity?

ANSWER 25: See response to Question 6.

QUESTION 26: Is equipment access allowed on the dock, as long as it meets the dock's weight-bearing capacity?

ANSWER 26: See response to Question 5.

QUESTION 27: Can the contractor access the excavation area from the beachside?

ANSWER 27: See response to Question 4.

QUESTION 28: Figure:1 The drawing shows 2 types of silt curtain. Both indicate installation by the owner, however, the Legend shows - A. silt curtain (owner) and B. silt curtain (contractor)., can you please clarify the following?

A. will they be supplied and installed by the owner OR;

B. will they be supplied by the owner and installed by the contractor.

ANSWER 28: Both silt curtains are to be supplied and installed by owner.



PORPOISE BAY



Public Works and Government Services Canada
 Travaux Publics et Services gouvernementaux Canada
 219-800 Burrard Street
 Vancouver, BC, V6Z 0B9
 604-775-7079



AERIAL OVERLAY OF SCH PORPOISE BAY



The intended plot size of this plan is 500mm in width by 864mm in height (D size) when plotted at a scale of 1:400

Distances are in metres and decimals thereof.
 Date of Survey: May 1-2, 2018
 PS # 081, Pg. 19-24
 SP# 5525_00
 SK # 5614.00
 Project # R038803.001
 Drawn: CMB - 2018-04-05
Date of Aerial Image: July 12, 2018

BOOK OF REFERENCE

PID / PIN	Legal Description	Interest Holder	Form of Tenure	FRS/CRC /COT
90009190	Block D, District Lot 6374, Group 1, New Westminster District	HMQR	Transfer of Admin & Control	
90009190	Block E, District Lot 6374, Group 1, New Westminster District	HMQR	Transfer of Admin & Control	

Legend:
 DENOTES SCH INTEREST BOUNDARIES
 DENOTES LOT LINES

This plan was prepared for planning and discussion purposes only and is for the exclusive use of our client. It shall not be relied upon as definitive proof of encroachments or the true location of structures, natural boundaries or fill in relation to any property boundary. It shall not be used to define property lines. Any questions to the above should be followed up with an additional in-depth legal survey.

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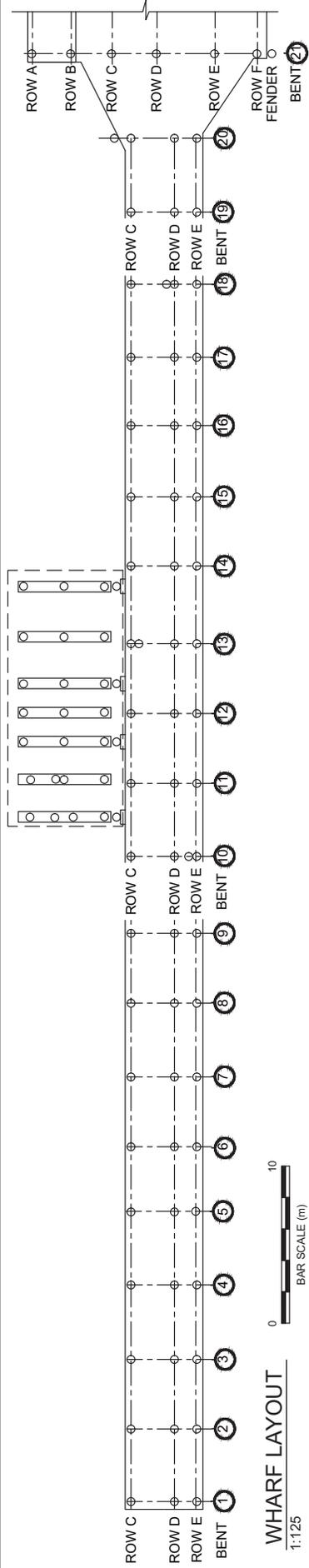
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This plan lies within the Central Coast Regional District.

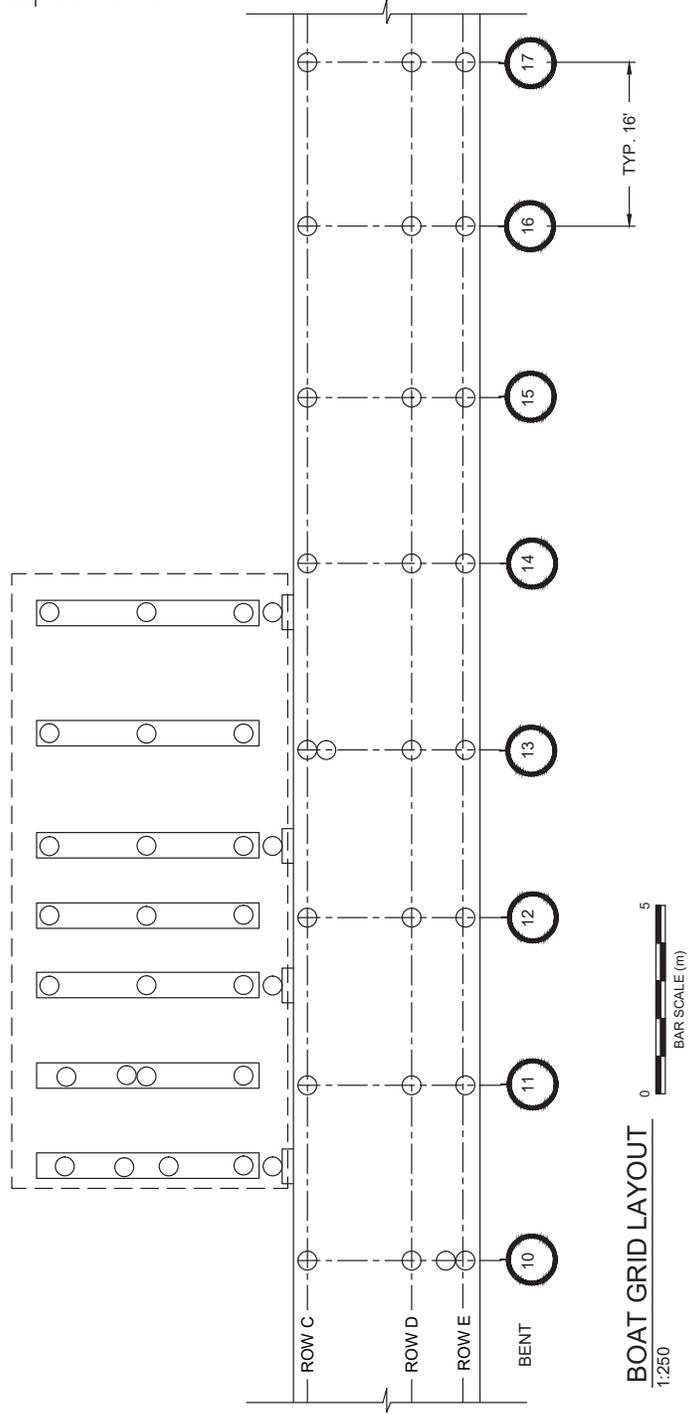
Certified Correct this 15th day of November, 2018.

Christopher Bryenton, BCLS



DRAWING NOTES

- NOT AN AS-BUILT DRAWING.
- PILES SHOWN LARGER THAN ACTUAL SIZE FOR CLARITY.
- CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND EXISTING DIMENSIONS.
- DO NOT SCALE



Client:  Fisheries and Oceans et Océans Small Craft Harbours Branch	Drawing Title: WHARF AND FLOAT REPAIRS PORPOISE BAY SMALL CRAFT HARBOUR BOAT GRID LAYOUT		Draftsman: -	Scale: NTS
			Date: JULY 2020	DWG: PB-HR-008

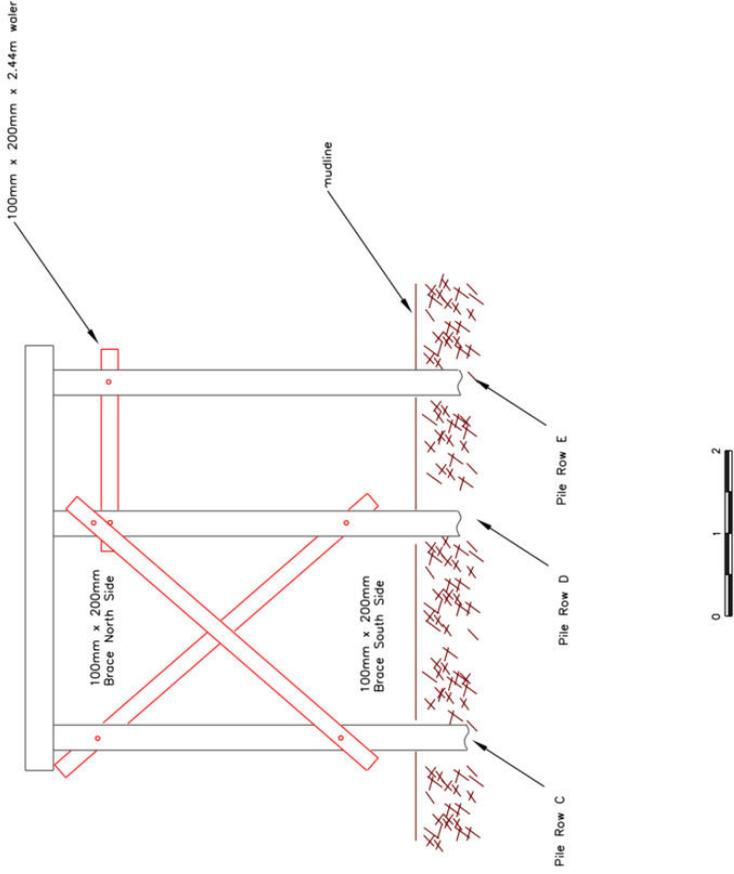
Table 11. Brace and Water Locations

Location of Piles Connected to Brace or Water		Description
Bent	Row	
1	D 1	2.44m Water
1	E 2	5.49m Water
2	C 2	Brace North Side
2	E 3	5.49m Water
3	D 3	Brace South Side
3	E 4	5.49m Water
4	D 4	Brace South Side
4	E 4	2.44m Water
4	E 5	5.49m Water
5	C 5	Brace North Side
5	D 5	2.44m Water
5	E 6	5.49m Water
6	C 6	Brace North Side
6	D 6	Brace South Side
6	E 6	2.44m Water
6	E 7	5.49m Water
7	C 7	Brace North Side
7	C 7	Brace South Side
7	E 8	5.49m Water
8	C 8	Brace North Side
8	C 8	Brace South Side
8	D 8	2.44m Water

Table 11 continued...

Location of Piles Connected to Brace or Water		Description
Bent	Row	
8	E 9	5.49m Water
9	C 9	Brace North Side
9	C 9	Brace South Side
10	C 10	Brace North Side
10	C 10	Brace South Side
10	D 10	2.44m Water
11	C 11	Brace North Side
11	C 11	Brace South Side
11	D 11	2.44m Water
12	C 12	Brace North Side
12	C 12	Brace South Side
12	D 12	2.44m Water
12	E 13	5.49m Water
13	C 13	Brace North Side
13	C 13	Brace South Side
13	D 13	2.44m Water
15	C 15	Brace North Side
15	C 15	Brace South Side
15	D 15	2.44m Water
18	D 18	2.44m Water
19	D 19	2.44m Water

■ Firewall at Bent 14, therefore no bracing to be installed.



Client: Fisheries and Oceans Canada
Small Craft Harbours Branch

Drawing Title: Cross Braces and Waters
PORPOISE BAY SMALL CRAFT HARBOUR

Draftsman: -

Date: JULY 2020

Scale: NTS

DWG: PB-HR-009