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Canada
Pacific Region
401 - 1230 Government Street
Victoria, B.C.
V8W 3X4
Bid Fax: (250) 363-3344

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

Regional Individual Standing Offer (RISO)

Offre à commandes individuelle régionale (OCIR)

The referenced document is hereby revised; unless
otherwise indicated, all other terms and conditions of the
Offer remain the same.

Ce document est par la présente révisé; sauf indication
contraire, les modalités de l'offre demeurent les mêmes.

Comments - Commentaires

FISHERIES AND OCEANS CANADA
SMALL CRAFT HARBOURS
MULTIPLE DESTINATIONS, BC

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
401 - 1230 Government Street
Victoria, B. C.
V8W 3X4

Title - Sujet TIMBER FLOATS	
Solicitation No. - N° de l'invitation F1571-15700C/A	Date 2015-08-27
Client Reference No. - N° de référence du client F1571-15700C	Amendment No. - N° modif. 002
File No. - N° de dossier XLV-5-38048 (211)	CCC No./N° CCC - FMS No./N° VME
GETS Reference No. - N° de référence de SEAG PW-\$XLV-211-6786	
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale	
2015-07-23	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-09-03	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
Address Enquiries to: - Adresser toutes questions à: Buchan, Torrey	Buyer Id - Id de l'acheteur xlv211
Telephone No. - N° de téléphone (250) 216-2092 ()	FAX No. - N° de FAX (250) 363-3960
Delivery Required - Livraison exigée	
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.	

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required	Yes - Oui	No - Non
Accusé de réception requis	<input type="checkbox"/>	<input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

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002

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xlv211

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This solicitation amendment has been issued to address the addition of items to the Standing Offer. For a revised copy of these documents, see the following pages.

(1) Section 1.6 - Floating Module Supply, Assembly, and Delivery of Annex A - Requirement is hereby revised to add the following items:

INSERT:

- .21 FOAM BUOYANCY BILLET (610 X 597 X 3352)
 - .1 Fabrication and supply of 610mm x 597mm x 3352mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 3352mm

- .22 Foam Buoyancy Billet (610 x 597 x 2438)
 - .1 Fabrication and supply of 610mm x 597mm x 2438mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 2438mm

- .23 Foam Buoyancy Billet (1000 x 597 x 2438)
 - .1 Fabrication and supply of 1000mm x 597mm x 2438mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 1000mm x 597mm x 2438mm

- .24 Foam Buoyancy Billet (1000 x 597 x 3352)
 - .1 Fabrication and supply of 1000 x 597 x 3352 buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 1000mm x 597mm x 3352mm

- .25 Foam Buoyancy Billet (610 x 597 x 3352)
 - .1 Fabrication and supply of 610mm x 597mm x 3352mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 3352mm

- .26 Foam Buoyancy Billet (610 x 597 x 1219)
 - .1 Fabrication and supply of 610mm x 597mm x 1219mm buoyancy billet

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The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:

- .1 This item includes the price per unit to supply one (1) buoyancy billet.
- .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 1219mm

(2) Annex B – Basis of Payment is hereby revised as follows:

INSERT:

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST
FLOAT MODULE SUPPLY FABRICATION		
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____

(3) Annex D – Reporting Requirements, is hereby revised to add the additional items:

INSERT:

21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet		
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet		
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet		
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet		
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet		
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet		

(4) Annex F – Financial Offer Presentation Sheet is hereby revised to add the additional items:

(i) Under:

F1. Year 1

...

INSERT:

21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

(ii) Under:

F2. Option Year 1

...

INSERT:

21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

(iii) Under:

F3. Option Year 2

...

INSERT:

21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

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23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

(iv) Under:

F4. Option Year 3

...

INSERT:

21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

All other terms and conditions of the solicitation remain the same.

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ANNEX A
REQUIREMENT

FISHERIES AND OCEANS CANADA
SMALL CRAFT HARBOURS – PACIFIC REGION

200 – 401 Burrard Street
Vancouver, British Columbia
V6C 3S4

Departmental Contact
Shaun Loader – Project Engineer
Small Craft Harbours – Pacific Region
Shaun.Loader@dfo-mpo.gc.ca
604-351-8847

Section 01 11 00 – Summary of Work

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 01 33 00 – SUBMITTAL REQUIREMENTS AND EVALUATION
- .2 Section 02 48 00 – BUOYANCY BILLETS
- .3 Section 02 50 00 – TIMBER FLOATS
- .4 Section 05 90 00 – STEEL HARDWARE.

1.2 DEFINITIONS

- .1 Throughout contract documents, the words “Owner,” “Contracting Authority,” “Harbour Authority,” “Contractor,” “Engineer,” or “Department,” shall be defined as follows:
 - .1 Owner and Contracting Authority
Small Craft Harbours Program of the Department of Fisheries and Oceans,
200-401 Burrard Street Vancouver B.C. V6C 3S4
 - .2 Engineer/Departmental Representative
An employee of the Owner or Engineer assigned by the Owner as the Engineer for this project, or the Engineer’s representative assigned by the Engineer as his representative for the project.
 - .3 Contractor
The party accepted by the Owner with whom a formal contract is entered to complete the work of this project.
 - .4 Department
The Department of Fisheries and Oceans, Canada.

1.3 DRAWINGS

.1 STANDARD FLOATS

9’ FLOAT

- .1 FM9-ST-000: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .2 FM9-ST-001: 2.742m WIDE STANDARD FLOAT MODULE
- .3 FM9-ST-002: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .4 FM9-ST-003: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .5 FM9-END-200: 2.742m WIDE FLOAT MODULE 2005 REVISION
- .6 FM9-END-201: 2.742m WIDE FLOAT MODULE 2005 REVISION

12’ FLOAT

- .1 FM12-ST-000: 3.654m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .2 FM12-ST-001: 3.654m WIDE STANDARD FLOAT MODULE
- .3 FM12-ST-002: 3.654m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .4 FM912-ST-003: 3.654m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .5 FM12-END-200: 3.654m WIDE FLOAT MODULE 2005 REVISION
- .6 FM12-END-201: 3.654m WIDE FLOAT MODULE 2005 REVISION

9’ FLOAT HEAVY

- .1 FM9-HV-000: 2.742m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .2 FM9-HV-001: 2.742m WIDE HEAVY FLOAT MODULE

- .3 FM9-HV-002: 2.742m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .4 FM9-HV-003: 2.742m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .5 FM9-HV-END-200: 2.742m WIDE HEAVY FLOAT MODULE 2005
- REVISION
- .6 FM9-HV-END-201: 2.742m WIDE HEAVY FLOAT MODULE 2005
- REVISION
- 12' FLOAT HEAVY
- .1 FM12-HV-000: 3.654m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .2 FM12-HV-001: 3.654m WIDE HEAVY FLOAT MODULE
- .3 FM12-HV-002: 3.654m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .4 FM12-HV-003: 3.654m WIDE HEAVY FLOAT MODULE ASSEMBLY
- .5 FM12-HV-END-200: 3.654m WIDE HEAVY FLOAT MODULE 2005
- REVISION
- .6 FM12-HV-END-201: 3.654m WIDE HEAVY FLOAT MODULE 2005
- REVISION

1.4 LOCATION

- .1 The Port Edward Small Craft Harbour is located on the north coast of British Columbia just north of the mouth of the Skeena River, near Price Rupert.
- .2 The French Creek Small Craft Harbour is located on the east coast of Vancouver Island just north of Parksville, BC.
- .3 The Steveston Small Craft Harbour is located in Steveston, BC part of the City of Richmond.

1.5 WORK COVERED BY THE STANDING OFFER

- .1 Work covered in this section comprises of the supply, fabrication and assembly of timber float modules and materials along with the delivery to Port Edward Harbour, French Creek Harbour and Steveston Harbour, British Columbia.
- .2 All materials shall be supplied by the contractor and the contractor is responsible for all labour and materials necessary for assembly.
- .3 The floats shall be delivered no longer than 10 weeks from the call up date.

1.6 FLOAT MODULE SUPPLY, ASSEMBLY AND DELIVERY

- .1 9' STANDARD FLOAT MODULE
 - .1 Fabrication and Supply
The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:
 - .1 Supply of a 9 foot wide standard float module
 - .1 This item includes the supply of all items listed in the tables labelled "TIMBER MEMBERS" & "HARDWARE REQUIREMENTS" on drawing:
STANDARD FLOAT MODULE
FM9-ST-000

FM9-ST-001
FM9-ST-002
FM9-ST-003

- .2 This item includes the supply of hardware and nails (above and beyond those specified in the drawing).

.2 9' STANDARD FLOAT END MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float end modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:

- .1 Supply of a 9 foot wide standard float end module

- .1 This item includes the supply of all items listed in the tables labelled "TIMBER MEMBERS" & "HARDWARE REQUIREMENTS" on drawing:

STANDARD FLOAT END MODULE

FM9-END-200

FM9-END-201

- .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats

.3 12' STANDARD FLOAT MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:

- .1 Supply of a 12 foot wide standard float module

- .1 This item includes the supply of all items listed in the tables labelled "TIMBER MEMBERS" & "HARDWARE REQUIREMENTS" on drawing:

STANDARD FLOAT MODULE

FM12-ST-000

FM12-ST-001

FM12-ST-002

FM12-ST-003

- .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats

.4 12' STANDARD FLOAT END MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float end modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:

- .1 Supply of a 12 foot wide standard float end module

- .1 This item includes the supply of all items listed in the tables

REQUIREMENTS”
labelled “TIMBER MEMBERS” & “HARDWARE

on drawing:

STANDARD FLOAT END MODULE
FM12-END-200
FM12-END-201

- .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats

.5 9' HEAVY FLOAT MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:

.1 Supply of a 9 foot wide heavy float module

- .1 This item includes the supply of all items listed in the tables labelled “TIMBER MEMBERS” & “HARDWARE

REQUIREMENTS”

on drawing:

HEAVY FLOAT MODULE
FM9-HV-000
FM9-HV-001
FM9-HV-002
FM9-HV-003

- .2 This item includes the supply of hardware and nails (above and beyond those specified in the drawing).

.6 9' HEAVY FLOAT END MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float end modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:

.1 Supply of a 9 foot wide heavy float end module

- .1 This item includes the supply of all items listed in the tables labelled “TIMBER MEMBERS” & “HARDWARE

REQUIREMENTS”

on drawing:

HEAVY FLOAT END MODULE
FM9-HV-END-200
FM9-HV-END-201

- .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats

.7 12' HEAVY FLOAT MODULE

.1 Fabrication and Supply

The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited

to the following:

- .1 Supply of a 12 foot heavy standard float module
 - .1 This item includes the supply of all items listed in the tables labelled "TIMBER MEMBERS" & "HARDWARE REQUIREMENTS" on drawing:
 - HEAVY FLOAT MODULE
 - FM12-HV-000
 - FM12-HV-001
 - FM12-HV-002
 - FM12-HV-003
 - .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats
- .8 12' HEAVY FLOAT END MODULE
 - .1 Fabrication and Supply
The work to be carried out under this item includes all labour, materials and equipment for the supply of timber float end modules so that they can be assembled by others into a complete float. The work generally consists of, but is not limited to the following:
 - .1 Supply of a 12 foot wide heavy float end module
 - .1 This item includes the supply of all items listed in the tables labelled "TIMBER MEMBERS" & "HARDWARE REQUIREMENTS" on drawing:
 - HEAVY FLOAT END MODULE
 - FM12-HV-END-200
 - FM12-HV-END-201
 - .2 This item includes the supply of all hardware, tools and nails necessary for assemble of the floats
- .9 FLOAT FLANGES
 - .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the supply of a bundle of twenty (20) timber beams.
 - .2 Dimension of beams will be
 - .1 Twenty-two feet (22') long by six inches by eight inches (6"x8") surface four sides (S4S) – Actual dimensions 5.5" x 7.5"
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
- .10 FLOAT JOISTS
 - .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the supply of a bundle of twenty (20) timber beams.

-
- .2 Dimension of beams will be
 - .1 Eighteen feet (18') long by six inches by six inches (6"x6") surface four sides (S4S) – Actual dimensions 5.5" x 5.5"
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
 - .11 FLOAT TIE-RAILS (4x6)
 - .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the supply of a bundle of twenty (20) timber beams.
 - .2 Dimension of beams will be
 - .1 Twenty-two feet (22') long by four inches by six inches (6"x4") surface four sides (S4S) – Actual dimensions 5.5"x3.5"
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment
 - .12 FLOAT TIE-RAILS (6x6)
 - .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the supply of a bundle of twenty (20) timber beams.
 - .2 Dimension of beams will be
 - .1 Twenty-two feet (22') long by six inches by six inches (6"x6") surface four sides (S4S) – Actual dimensions 5.5"x5.5"
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment
 - .13 FLOAT DECKING (2x8)
 - .1 Fabrication and supply ACZA treated planks
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of planks will be
 - .1 Up to twenty-two feet (22') long by two inches by eight inches (2" x 8") surface one side two edges (S1S2E) – Actual dimensions 1.75" x 7.5"
 - .2 Surfaced side to be heart side of plank
 - .3 Typical lengths will be 8', 11', 13' or 17'
 - .4 Lengths to be specified on call-up
 - .3 Plank materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment
 - .14 FLOAT DECKING (2x12)
 - .1 Fabrication and supply ACZA treated planks
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract

Documents. The work generally consists of, but is not limited to the following:

- .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
- .2 Dimension of planks will be
 - .1 Up to twenty-two feet (22') long by two inches by twelve inches (2" x 12") surface one side two edges (S1S2E) – Actual dimensions 1.75" x 7.5"
 - .2 Surfaced side to be heart side of plank
 - .3 Typical lengths will be 8', 11', 13' or 17'
 - .4 Lengths to be specified on call-up
- .3 Plank materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment

.15 FLOAT DECKING (3x12)

- .1 Fabrication and supply ACZA treated planks
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of planks will be
 - .1 Up to thirty feet (30') long by three inches by twelve inches (3" x 12") surface one side two edges (S1S2E) – Actual dimensions 2.75" x 11.5"
 - .2 Surfaced side to be heart side of plank
 - .3 Typical lengths will be 12', 16', or 20'
 - .4 Lengths to be specified on call-up
 - .3 Plank materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment

.16 FLOAT DECKING (4x12)

- .1 Fabrication and supply ACZA treated planks
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of planks will be
 - .1 Up to thirty feet (30') long by four inches by twelve inches (4" x 12") surface one side two edges (S1S2E) – Actual dimensions 3.75" x 11.5"
 - .2 Surfaced side to be heart side of plank
 - .3 Typical lengths will be 12', 16', or 20'
 - .4 Lengths to be specified on call-up
 - .3 Plank materials are to be
 - .1 #1 Select or Better Fir
 - .2 ACZA treatment

.17 MISCELLANEOUS FLOAT STRUCTURAL TIMBERS

- .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of beams will be

-
- .1 Up to twenty feet (20') long
 - .2 Up to a max width of eight inches by a max depth of eight inches (0"-8" width x 0"-8" depth), with not one dimension exceeding eight inches (8")
 - .3 Surface four sides (S4S)
 - .4 Length, width and depth to be specified on call-up
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
- .18 MISCELLANEOUS FLOAT STRUCTURAL TIMBERS
- .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of beams will be
 - .1 Greater than twenty feet (20'), up to thirty feet (30') long
 - .2 Up to a max width of eight inches by a max depth of eight inches (0"-8" width x 0"-8" depth), with not one dimension exceeding eight inches (8")
 - .3 Surface four sides (S4S)
 - .4 Length, width and depth to be specified on call-up
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
- .19 MISCELLANEOUS FLOAT STRUCTURAL TIMBERS
- .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of beams will be
 - .1 Up to twenty feet (20') long
 - .2 Up to a max width of sixteen inches by a max depth of sixteen inches (0"-16" width x 0"-16" depth), with a minimum of one dimension exceeding eight inches (8")
 - .3 Surface four sides (S4S)
 - .4 Length, width and depth to be specified on call-up
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
- .20 MISCELLANEOUS FLOAT STRUCTURAL TIMBERS
- .1 Fabrication and supply S4S creosote beams
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per board feet to supply a bundle of minimum 1000 board feet of material.
 - .2 Dimension of beams will be
 - .1 Greater than twenty feet (20'), up to thirty feet (30') long

-
- .2 Up to a max width of sixteen inches by a max depth of sixteen inches (0"-16" width x 0"-16" depth), with a minimum of one dimension exceeding eight inches (8")
 - .3 Surface four sides (S4S)
 - .4 Length, width and depth to be specified on call-up
 - .3 Beam materials are to be
 - .1 #1 Select or Better Fir
 - .2 14 Lb. Creosote treatment
- .21 FOAM BUOYANCY BILLET (610 X 597 X 3352)
- .1 Fabrication and supply of 610mm x 597mm x 3352mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 3352mm
- .22 Foam Buoyancy Billet (610 x 597 x 2438)
- .1 Fabrication and supply of 610mm x 597mm x 2438mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 2438mm
- .23 Foam Buoyancy Billet (1000 x 597 x 2438)
- .1 Fabrication and supply of 1000mm x 597mm x 2438mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 1000mm x 597mm x 2438mm
- .24 Foam Buoyancy Billet (1000 x 597 x 3352)
- .1 Fabrication and supply of 1000 x 597 x 3352 buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 1000mm x 597mm x 3352mm
- .25 Foam Buoyancy Billet (610 x 597 x 3352)
- .1 Fabrication and supply of 610mm x 597mm x 3352mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 3352mm

-
- .26 Foam Buoyancy Billet (610 x 597 x 1219)
- .1 Fabrication and supply of 610mm x 597mm x 1219mm buoyancy billet
The work under this contract shall include the supply of equipment, labour and materials for the performance of all work as required by the Contract Documents. The work generally consists of, but is not limited to the following:
 - .1 This item includes the price per unit to supply one (1) buoyancy billet.
 - .2 Finished dimension of buoyancy billet will be 610mm x 597mm x 1219mm
- .27 9' STANDARD FLOAT MODULE
- .1 Assembly
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
 - .1 Assembly of the 2.74m wide timber float modules as identified in the Drawings.
 - .2 Contractor to supply all necessary hardware as per Section 05 90 00 – STEEL HARDWARE to assemble the floats.
 - .3 All field cuts and treatment as per Section 02 50 00 – TIMBER FLOATS.
 - .4 Splice together with other modules and end kits as required in call-up.
- .28 9' FLOAT END MODULE
- .1 Assembly
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
 - .1 Assembly of the 2.74m wide timber float modules as identified in the Drawings.
 - .2 Contractor to supply all necessary hardware as per Section 05 90 00 – STEEL HARDWARE to assemble the floats.
 - .3 All field cuts and treatment as per Section 02 50 00 – TIMBER FLOATS.
 - .4 Splice together with other modules and end kits as required in call-up.
- .29 12' FLOAT MODULE
- .1 Assembly
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
 - .1 Assembly of the standard 3.66m wide timber float modules as identified in the Drawings.
 - .2 Contractor to supply all necessary hardware as per Section 05 90 00 – STEEL HARDWARE to assemble the floats.
 - .3 All field cuts and treatment as per Section 02 50 00 – TIMBER FLOATS.
 - .4 Splice together with other modules and end kits as required in call-up.

.30 12' FLOAT END MODULE

.2 Assembly

The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:

- .1 Assembly of the standard 3.66m wide timber float modules as identified in the Drawings.
- .2 Contractor to supply all necessary hardware as per Section 05 90 00 – STEEL HARDWARE to assemble the floats.
- .3 All field cuts and treatment as per Section 02 50 00 – TIMBER FLOATS.
- .4 Splice together with other modules and end kits as required in call-up.

.31 UNASSEMBLED FLOAT MODULE DELIVERY - STEVESTON

The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:

- .1 Delivery of unassembled 9' or 12' float modules to:
 - .1 Steveston Harbour, Richmond, BC
12740 Trites Road
Richmond, BC
V7E 3R8
- .2 Secure unassembled float modules and all other materials including decking in bundles and label bundles.
- .3 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.
- .4 Bundle all ACZA and Creosote material for float.
- .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
- .6 Bundle decking and rub boards with two modules per bundle. The contractor shall supply twenty-eight (28) pieces of decking for each module.

.32 UNASSEMBLED FLOAT MODULE DELIVERY – FRENCH CREEK

The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:

- .1 Delivery of unassembled 9' or 12' float modules to:
 - .1 French Creek Harbour, Parksville, BC
1055 Lee Road
Parksville, BC
V9P 2E1
- .2 Secure unassembled float modules and all other materials including decking in bundles and label bundles.
- .3 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.

- .4 Bundle all ACZA and Creosote material for float.
 - .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
 - .6 Bundle decking and rub boards with two modules per bundle. The contractor shall supply twenty-eight (28) pieces of decking for each module.
- .33 UNASSEMBLED FLOAT MODULE DELIVERY – PORT EDWARD
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
- .1 Delivery of unassembled 9' or 12' float modules to:
 - .1 Port Edward Harbour, Port Edward, BC
200 Bayview Drive
Port Edward, BC
V0V 1G0
 - .2 Secure unassembled float modules and all other materials including decking in bundles and label bundles.
 - .3 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.
 - .4 Bundle all ACZA and Creosote material for float.
 - .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
 - .6 Bundle decking and rub boards with two modules per bundle. The contractor shall supply twenty-eight (28) pieces of decking for each module.
- .34 ASSEMBLED FLOAT MODULE DELIVERY (UP TO 4 TOGETHER) - STEVESTON
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
- .1 Delivery of 9' or 12' float modules floating to:
 - .1 Steveston Harbour, Richmond, BC
12740 Trites Road
Richmond, BC
V7E 3R8
 - .2 Secure float modules as directed by the Departmental Representative or with 2 lines to existing floats. Refer to site plan for location.
 - .3 Secure all other materials in bundles and label bundles.
 - .4 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.
 - .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
- .35 ASSEMBLED FLOAT MODULE DELIVERY (UP TO 4 TOGETHER) – FRENCH CREEK

The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:

- .1 Delivery of 9' or 12' float modules floating to:
 - .1 French Creek Harbour, Parksville, BC
1055 Lee Road
Parksville, BC
V9P 2E1
 - .2 Secure float modules as directed by the Departmental Representative
 - .3 Secure all other materials including decking in bundles and label bundles.
 - .4 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.
 - .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
- .36 **ASSEMBLED FLOAT MODULE DELIVERY (UP TO 4 TOGETHER) – PORT EDWARD**
The lump sum cost for this item shall include the supply of materials, equipment, tools, services, labour and all things necessary to complete the following:
- .1 Delivery of 9' or 12' float modules floating to:
 - .1 Port Edward Harbour, Port Edward, BC
200 Bayview Drive
Port Edward, BC
V0V 1G0
 - .2 Secure float modules as directed by the Departmental Representative
 - .3 Secure all other materials including decking in bundles and label bundles.
 - .4 The contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.
 - .5 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.

1.8 DOCUMENTS REQUIRED

- .1 Maintain at job site, one copy each document as follows:
 - .1 Contract Drawings, Specifications and any Addenda.
 - .2 Change Orders and other Modifications to Contract.
 - .3 Copy of Approved Work Schedule.
 - .4 Health and Safety Plan and Other Safety Related Documents.
 - .5 All regulatory permits required for the work
 - .6 Associated Best Management Practices documentation.
- .2 All submittals shall be in accordance with Section 01 33 00 – SUBMITTAL REQUIREMENTS.

Solicitation No. - N° de l'invitation
F1571-15700C/A
Client Ref. No. - N° de réf. du client
F1571-15700C

Amd. No. - N° de la modif.
002
File No. - N° du dossier
XLV-5-38048

Buyer ID - Id de l'acheteur
xl1v211
CCC No./N° CCC - FMS No./N° VME

Part 2 Products

2.1 NOT USED

.1 Not used.

Part 3 Execution

3.1 NOT USED

.1 Not used.

END OF SECTION

Section 01 33 00 – Submittal Requirements

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 01 11 00 – SUMMARY OF WORK

1.2 ADMINISTRATIVE

- .1 Submit to the Departmental Representative submittals listed for review. Submit promptly and in orderly sequence to not cause delay in Work. Failure to submit in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension by reason of such default will be allowed.
- .2 Do not proceed with Work affected by submittal until review is complete.
- .3 Present shop drawings, product data, samples and mock ups in SI Metric units.
- .4 Where items or information is not produced in SI Metric units converted values are acceptable.
- .5 Review submittals prior to submission to the Departmental Representative. This review represents that necessary requirements have been determined and verified, or will be, and that each submittal has been checked and co-ordinated with requirements of Work and Contract Documents. Submittals not stamped, signed, dated and identified as to specific project will be returned without being examined and considered rejected.
- .6 Notify the Departmental Representative, in writing at time of submission, identifying deviations from requirements of Contract Documents stating reasons for deviations.
- .7 Verify field measurements and affected adjacent Work are co-ordinated.
- .8 Contractor's responsibility for errors and omissions in submission is not relieved by the Departmental Representative's review of submittals.
- .9 Contractor's responsibility for deviations in submission from requirements of Contract Documents is not relieved by the Departmental Representative review.

Part 2 Products

2.1 NOT USED

- .1 Not Used.

Part 3 Execution

3.1 NOT USED

- .1 Not Used.
- END OF SECTION

Section 02 48 00 – Buoyancy Billets

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 02 50 00 – TIMBER FLOATS

1.2 REFERENCE DRAWINGS

- .1 FM9-ST-000: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .2 FM9-ST-001: 2.742m WIDE STANDARD FLOAT MODULE
- .3 FM9-ST-002: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .4 FM9-ST-003: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .5 FM9-END-200: 2.742m WIDE FLOAT MODULE 2005 REVISION
- .6 FM9-END-201: 2.742m WIDE FLOAT MODULE 2005 REVISION

Part 2 Products

2.1 GENERAL

- .1 The dimensions of the finished coated billets are to be as diagrammed. It is the contractor's responsibility to ensure that the finished billets will fit into the frame of the float without damage.
- .2 For assembly the buoyancy billets shall be secured to the float frame members with nylon banding or plastic strapping.
- .3 The billets of the floats will be coated with polyurea as specified in this section.
- .4 Buoyancy billets will not be accepted if damaged in any manner in handling. Field repair of polyurea coating may be acceptable, subject to written approval by the Engineer.

2.2 PHYSICAL PROPERTIES

- .1 The materials will meet or exceed the following standards:

PROPERTY	POLYSTYRENE	POLYUREA
Compressive Strength at 10% deformation (minimum):	76kPa	N/A
Tear Strength: (minimum)	N/A	30KN/m
Flexural Strength (minimum):	124 kPa	N/A
Water Absorption	6%	0%

By volume (maximum):		
Density (minimum):	16 kg/m ³	1100kg/m ³

2.3 POLYSTYRENE

- .1 The expanded polystyrene will be a uniform cellular structure free of voids resulting from unexpanded components or any other causes. If a beaded product is to be used, the beads will be fused so that when the product is broken by hand pressure, there is an excess of broken or sheared beads.
- .2 The billets to be built-up to correct vertical depth using thinner layers, providing the bonding method is approved by the Engineer. No vertical joints will be permitted within the billet. Before coating the polystyrene billets will be cured to minimize moisture content.
- .3 Polystyrene will contain 100% virgin bead (no reground material is permitted).

2.4 POLYUREA COATING

- .1 The polystyrene billets will be sprayed to provide a minimum 2mm polyurea coating thoroughly bonded to the polystyrene billets and applied under dry conditions to ensure even application and bonding. The coating will be uniform with an even surface, self-extinguishing, and impervious to gasoline and oil. Any break or separation in the coating will be cause for rejection.

2.5 TESTING

- .1 Upon notification of acceptance of tender, the Contractor will submit to the Engineer a 100 x 150-x 600 mm sample of his method of bonding the materials.

Part 3 Execution

3.1 HANDLING OF MATERIALS

- .1 Buoyancy billets will not be accepted if damaged in any manner in handling. This includes damage from strapping and slings.

END OF SECTION

Section 02 50 00 – Timber Floats

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 02 48 00 – BUOYANCY BILLETS

1.2 REFERENCE DRAWINGS

- .1 FM9-ST-000: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .2 FM9-ST-001: 2.742m WIDE STANDARD FLOAT MODULE
- .3 FM9-ST-002: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .4 FM9-ST-003: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .5 FM9-END-200: 2.742m WIDE FLOAT MODULE 2005 REVISION
- .6 FM9-END-201: 2.742m WIDE FLOAT MODULE 2005 REVISION

Part 2 Products

2.1 GENERAL

- .1 Except as otherwise noted, only new materials are to be used in, and remain an integral part of the structures.
- .2 The Engineer may inspect materials and products at all stages of manufacture and transportation to the Project Site. Satisfactory inspection at any stage does not preclude future rejection if the materials or products are subsequently found to lack uniformity or fail to conform to the requirements specified.
- .3 Acceptance will not be made until the materials or products are satisfactorily installed in the completed structures specified.
- .4 The Contractor shall be responsible to repair all materials damaged through their handling, storage and/or installation.

2.2 TIMBER

- .1 All timber for the purpose intended shall conform to the requirements of the N.L.G.A. Standard Grading Rules for Canadian Lumber.
- .2 Refer to drawings and specifications for timber dimensions and treatment.
- .3 All timber shall be Coast Douglas Fir. No 1 Structural Grade or better, unless specified otherwise.
- .4 All decking shall be S1S2E (rough cut), heart side and smooth side down.
- .5 All joists, cross-ties, stringers, blocking, bull rail, risers and fascia boards shall be S2E (rough cut)
- .6 All timber shall be free of heart centre with no sap.

- .7 All treated timber shall be S4S precut and bored, to specified dimensions, before treating.
- .8 Rubboards and all timber at or above deck level shall be salt-treated. All timber below deck level, except rub boards, shall be creosote treated.

2.3 TREATMENT OF MATERIAL

- .1 Creosote-treated Materials:
 - .1 All creosote treated timber will be treated in accordance with CSA 080 and will follow the Best Management Practices for Creosote as outlined in "Best Management Practices for the use of Treated Wood in Aquatic Environments".
 - .2 All creosote treated materials will have a minimum retention of 225kg per cubic metre (14lb. per cubic foot).
- .2 Salt-treated Materials:
 - .1 All salt-treated timber to be treated in accordance with CSA 080-1989, "Wood Preservation", and its current amendments CSA 080.14, for materials in contact with ground or water. (Only non-leachable ACA salts will be accepted).
 - .2 All salt treatment will follow the Best Management Practices for ACA and ACZA as outlines in "Best Management Practices for the use of Treated Wood in Aquatic Environments".
 - .3 All salt-treated timber will have a minimum retention of 6.4 kg/m³ (0.40 lb. Per cubic foot) and a depth of penetration of 10mm as specified in CSA 080.14.
- .3 Testing:
 - .1 The Engineer will carry out testing of materials including core sampling at the treatment plant. Data will be made available to the Contractor for information only.
 - .2 Notwithstanding the Engineer's testing program, the Contractor will ensure the materials meet the specified requirements in all respects. The Engineer reserves the right to reject materials on site.

2.4 FIELD TREATING

- .1 Creosote-treated timber members that have fresh cut surfaces exposed in the structure shall be treated as specified:
 - .1 All cuts or breaks in the surfaces shall be treated with two (2) separate coats of creosote oil.
 - .2 Where bolt holes must be bored through creosote treated piles, the holes shall be filled with creosote oil and the bolts shall be dipped in hot creosote oil before bolts are placed.
 - .3 Alternative field wood treatment to be approved by the Engineer before application.
 - .4 Ensure preservatives are properly stored and protected in case of spillage.
- .2 Salt-treated timber members that have fresh cut surfaces exposed in the structure shall be treated as specified:
 - .1 All field cut surfaces to be treated with two (2) coats of Copper Naphthenate.
 - .2 When field treating by brushing, spraying, dipping or soaking do so in such a manner that the preservative does not drip into the water or onto the ground.
- .3 Ensure preservatives are properly stored and protected in case of spillage.

2.5 FABRICATION

- .1 All treated timber shall be precut, counter bored, notched and bored, to specific dimensions, before treating.
- .2 Holes will be drilled vertically to match up with other bolt holes. Timbers are to be template drilled so that one timber is interchangeable with any other timber (i.e. stringers with stringers or flanges with flanges).
- .3 Mark using an impression stamp on all creosote pieces with the first initial(s) on one end of the timber (i.e. Stringer "S"), along with an arrow (or triangle) indicating the up orientation.

2.6 BOUYANCY BILLETS

- .1 Five (5) billets are required per float module. Refer to Section 02 48 00 – BUOYANCY BILLETS for billet material specifications.

2.7 STEEL HARDWARE

- .1 Contractor will supply all hardware or nails with modules, as required for complete assembly of the structure including all decking and rub boards.

Part 3 Execution

3.1 HANDLING OF MATERIALS

- .1 Treated material will not be accepted if damaged in any manner in handling, including damage from strapping or slings.
- .2 The Contractor shall be responsible to repair or replace all materials damaged by handling, storage and/or installation of materials.

3.2 EXISTING STRUCTURES

- .1 Any structures damaged by the Contractor during the works shall be repairs and made good at the Contractor's expense to the satisfaction of the Engineer.

3.3 SHIPPING AND PACKAGING

- .1 Bundle includes all ACZA and Creosote material for float.
- .2 Float modules will be assembled, delivered and secured as directed by the Departmental Representative.
- .3 Bundle decking and rub boards with two modules per bundle. The contractor shall supply twenty-eight (28) pieces of decking for each module.

END OF SECTION

Section 05 90 00 – Steel Hardware

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 02 48 00 – BUOYANCY BILLETS
- .2 Section 02 50 00 – TIMBER FLOATS

1.2 REFERENCE DRAWINGS

- .1 FM9-ST-000: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .2 FM9-ST-001: 2.742m WIDE STANDARD FLOAT MODULE
- .3 FM9-ST-002: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .4 FM9-ST-003: 2.742m WIDE STANDARD FLOAT MODULE ASSEMBLY
- .5 FM9-END-200: 2.742m WIDE FLOAT MODULE 2005 REVISION
- .6 FM9-END-201: 2.742m WIDE FLOAT MODULE 2005 REVISION

Part 2 Products

2.1 STEEL

- .1 Small fastenings will conform to the standard for Wire Nails, Spikes, and Staples, Canadian Standards Association (CSA) B-111-1974.
- .2 Drift bolts, machine bolts, washers, and miscellaneous iron will conform to the standard for General Purpose Structural Steel of the CAN3-G40.21-M81.
- .3 Items manufactured or fabricated from scrap steel of unknown chemical or physical properties are not acceptable.
- .4 All bolts will be of the full dimension specified or shown on the plan. Unless otherwise specified, all machine bolts will be provided with steel DPW washers under head and nut. The steel DPW washers shall be round unless specified square.
- .5 All bolts shall be 19mm (3/4") National course thread, unless shown otherwise. (NIC)
- .6 Holes for machine bolts will be bored to provide a driving fit.

2.2 HARDWARE

- .1 All hardware including bolts, drift bolts, carriage bolts, lag bolts, pipe sleeves, nuts and washers etc. will be hot dipped galvanized in accordance with the ASTM A153. Galvanize to 610g/m² (2oz/ft²).
- .2 All bolts will be of the full dimension specified or shown on the plan.
- .3 Unless otherwise specified, all machine bolts will be provided with round steel plate washers under head and nut.
- .4 All bolts shall be 19mm (3/4") National course thread, unless shown otherwise.

- .5 All 19mm washers shall be 6mm thick and 75mm diameter galvanized steel.
- .6 All 25mm washers shall be a minimum of 8mm thick and 100mm diameter galvanized steel.
- .7 All bolts to have 100mm (4") of thread unless shown otherwise.

Part 3 Execution

3.1 ASSEMBLY

- .1 All bolts shall be tightened to 100 Newton Meters (80 ft/lbs).
- .2 Care shall be taken not to damage the treated wood finish. All treatment damaged by the Contractor shall be repaired at the Contractor's expense as per Section 00 99 00 Timber Repairs.
- .3 Pre-drilling:
 - .1 All ends of timbers including decking not fastened by bolts shall be predrilled prior to installation to prevent splitting.
- .4 Holes for machine bolts will be bored to provide a driving fit.

3.2 FASCIA

- .1 Secure each contact point with 2 – 100mm galvanized RDOX nails.
- .2 Contact points every 500mm maximum.

END OF SECTION

APPENDIX 1 - DRAWINGS

For a copy of the Drawings, contact the Contracting Authority at:
torrey.buchan2@pwgsc-tpsgc.gc.ca

ANNEX B

BASIS OF PAYMENT

Offeror's Instructions
 The blank basis of payment schedule below is for example purposes only. The Offeror must submit their Financial Offer in accordance with Annex F, Financial Offer Presentation Sheet.

B1. Year 1

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST
FLOAT MODULE SUPPLY FABRICATION		
1	PRICE for the fabrication and supply of one complete 9' foot wide float module.	\$ _____
2	PRICE for the fabrication and supply of one complete set of 9' foot wide float ends.	\$ _____
3	PRICE for the fabrication and supply of one complete 12' foot wide float module.	\$ _____
4	PRICE for the fabrication and supply of one complete set of 12' foot wide float ends.	\$ _____
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.	\$ _____
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.	\$ _____
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.	\$ _____
8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.	\$ _____
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units	\$ _____
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units	\$ _____
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____
12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking	\$ _____
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking	\$ _____
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking	\$ _____
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking	\$ _____
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____

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18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____
FLOAT MODULE ASSEMBLY		
27	Assembly of one complete 9' foot wide float module.	\$ _____
28	Assembly of one complete set of 9' foot wide float ends.	\$ _____
29	Assembly of one complete 12' foot wide float module.	\$ _____
30	Assembly of one complete set of 12' foot wide float ends.	\$ _____
FLOAT MODULE DELIVERY		
31	Delivery of up to a batch of four (4) unassembled float kits to Stevenson Harbour, BC	\$ _____
32	Delivery of up to a batch of four (4) unassembled float kits to French Creek Harbour, BC	\$ _____
33	Delivery of up to a batch of four (4) unassembled float kits to Port Edward Harbour, BC	\$ _____
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC	\$ _____
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC	\$ _____
36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC	\$ _____

B2. Option Year 1
 Same format as section B1.

B3. Option Year 2

Same format as section B1.

B4. Option Year 3

Same format as section B1.

B5. Unscheduled Work

B5.1 Unscheduled work arising, as authorized by the Minister, will be calculated in the following manner:

Number of hours (to be negotiated) X \$__XXXXX__ your firm hourly Charge-out Labour Rate which includes Overhead and profit, plus net laid-down cost of materials to which will be added a 10% mark-up, plus Goods and Services Tax or Harmonized Sales Tax as applicable, of the total cost of material and labour. The firm hourly Charge-out Labour Rate and the material mark-up will remain firm for the duration of the Contract and any subsequent amendments.

B5.2 Notwithstanding definitions or usage elsewhere in this document, or in the Bidder's Cost Management System, when negotiating Hours for unscheduled work, PWGSC will consider only those hours of labour directly involved in the production of the subject work package.

B5.3 Allowance for Related Labour Costs such as: Management, Direct Supervision, Purchasing and Material Handling, Quality Assurance and Reporting, First Aid, Gas Free Inspecting and Reporting, and Estimating will be included as Overhead for the purposes of determining the Charge-out Labour Rate entered above.

B5.4 The 10% mark-up rate for materials will also apply to subcontracted costs. The mark-up rate includes any allowance for material and subcontract management not allowed for in the Charge-out Labour Rate. A separate labour component for the purchase and handling of materials or subcontract administration is not allowable.

B5.5 Overtime

The Contractor must not perform any overtime under the Contract unless authorized in advance and in writing by the Contracting Authority. Any request for payment must be accompanied by a copy of the overtime authorization and a report containing the details of the overtime performed pursuant to the written authorization.

Payment for authorized overtime will be calculated as follows:

Number of hours (to be negotiated) X \$__XXXXXX__ per hour Overtime Labour Rate.

ANNEX D

REPORTING REQUIREMENTS

PERIOD: _____		Number of Call-ups: _____	
ITEM	CLASS OF LABOUR PLANT OR MATERIAL	QTY PURCHASED	Extended Total
FLOAT MODULE FABRICATION			
1	Fabrication and supply of one complete 9' foot wide float module.		
2	Fabrication and supply of one complete set of 9' foot wide float ends.		
3	Fabrication and supply of one complete 12' foot wide float module.		
4	Fabrication and supply of one complete set of 12' foot wide float ends.		
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.		
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.		
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.		
8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.		
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units		
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units		
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units		
12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units		
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking		
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking		
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking		
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking		
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams		

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18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams		
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams		
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams		
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet		
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet		
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet		
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet		
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet		
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet		
FLOAT MODULE ASSEMBLY			
27	Assembly of one complete 9' foot wide float module.		
28	Assembly of one complete set of 9' foot wide float ends.		
29	Assembly of one complete 12' foot wide float module.		
30	Assembly of one complete set of 12' foot wide float ends.		
FLOAT MODULE DELIVERY			
31	Delivery of up to a batch of four (4) unassembled float kits to Stevenson Harbour, BC		
32	Delivery of up to a batch of four (4) unassembled float kits to French Creek Harbour, BC		
33	Delivery of up to a batch of four (4) unassembled float kits to Port Edward Harbour, BC		
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC		
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC		
36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC		
Total Spend for Period:			\$

GST is extra.

ANNEX F
FINANCIAL OFFER PRESENTATION SHEET

Offeror's Instructions

The Offeror must fill out the pricing schedule below and include it in their Financial Offer. The aggregate total of all the extended prices provided in the schedule below will form the price that will be evaluated. GST is extra.

The Pricing provided in the Offer will be incorporated into the resulting Basis of Payment of the Standing Offer. The estimated quantities used herein are included for the purpose of evaluation only, and are not a guarantee of work.

F1. Year 1

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST (a)	ESTIMATED QUANTITY (b)	TOTAL (CAD\$) (a) × (b)
FLOAT MODULE SUPPLY FABRICATION				
1	PRICE for the fabrication and supply of one complete 9' foot wide float module.	\$ _____	15	\$ _____
2	PRICE for the fabrication and supply of one complete set of 9' foot wide float ends.	\$ _____	2	\$ _____
3	PRICE for the fabrication and supply of one complete 12' foot wide float module.	\$ _____	15	\$ _____
4	PRICE for the fabrication and supply of one complete set of 12' foot wide float ends.	\$ _____	2	\$ _____
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.	\$ _____	4	\$ _____
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.	\$ _____	1	\$ _____
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.	\$ _____	4	\$ _____
8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.	\$ _____	1	\$ _____
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____

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12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
FLOAT MODULE ASSEMBLY				
27	Assembly of one complete 9' foot wide float module.	\$ _____	5	\$ _____
28	Assembly of one complete set of 9' foot wide float ends.	\$ _____	5	\$ _____
29	Assembly of one complete 12' foot wide float module.	\$ _____	5	\$ _____
30	Assembly of one complete set of 12' foot wide float ends.	\$ _____	5	\$ _____
FLOAT MODULE DELIVERY				

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31	Delivery of one unassembled float kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
32	Delivery of one unassembled float kits to French Creek Harbour, BC	\$ _____	4	\$ _____
33	Delivery of one unassembled float kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC	\$ _____	4	\$ _____
36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
Total – Year 1				\$ _____

F2. Option Year 1

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST (a)	ESTIMATED QUANTITY (b)	TOTAL (CAD\$) (a) × (b)
FLOAT MODULE SUPPLY FABRICATION				
1	PRICE for the fabrication and supply of one complete 9' foot wide float module.	\$ _____	15	\$ _____
2	PRICE for the fabrication and supply of one complete set of 9' foot wide float ends.	\$ _____	2	\$ _____
3	PRICE for the fabrication and supply of one complete 12' foot wide float module.	\$ _____	15	\$ _____
4	PRICE for the fabrication and supply of one complete set of 12' foot wide float ends.	\$ _____	2	\$ _____
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.	\$ _____	4	\$ _____
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.	\$ _____	1	\$ _____
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.	\$ _____	4	\$ _____

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8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.	\$ _____	1	\$ _____
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

FLOAT MODULE ASSEMBLY				
27	Assembly of one complete 9' foot wide float module.	\$ _____	5	\$ _____
28	Assembly of one complete set of 9' foot wide float ends.	\$ _____	5	\$ _____
29	Assembly of one complete 12' foot wide float module.	\$ _____	5	\$ _____
30	Assembly of one complete set of 12' foot wide float ends.	\$ _____	5	\$ _____
FLOAT MODULE DELIVERY				
31	Delivery of one unassembled float kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
32	Delivery of one unassembled float kits to French Creek Harbour, BC	\$ _____	4	\$ _____
33	Delivery of one unassembled float kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC	\$ _____	4	\$ _____
36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
Total – Option Year 1				\$ _____

F3. Option Year 2

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST (a)	ESTIMATED QUANTITY (b)	TOTAL (CAD\$) (a) × (b)
FLOAT MODULE SUPPLY FABRICATION				
1	PRICE for the fabrication and supply of one complete 9' foot wide float module.	\$ _____	15	\$ _____
2	PRICE for the fabrication and supply of one complete set of 9' foot wide float ends.	\$ _____	2	\$ _____
3	PRICE for the fabrication and supply of one complete 12' foot wide float module.	\$ _____	15	\$ _____

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4	PRICE for the fabrication and supply of one complete set of 12' foot wide float ends.	\$ _____	2	\$ _____
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.	\$ _____	4	\$ _____
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.	\$ _____	1	\$ _____
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.	\$ _____	4	\$ _____
8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.	\$ _____	1	\$ _____
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____

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22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
FLOAT MODULE ASSEMBLY				
27	Assembly of one complete 9' foot wide float module.	\$ _____	5	\$ _____
28	Assembly of one complete set of 9' foot wide float ends.	\$ _____	5	\$ _____
29	Assembly of one complete 12' foot wide float module.	\$ _____	5	\$ _____
30	Assembly of one complete set of 12' foot wide float ends.	\$ _____	5	\$ _____
FLOAT MODULE DELIVERY				
31	Delivery of one unassembled float kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
32	Delivery of one unassembled float kits to French Creek Harbour, BC	\$ _____	4	\$ _____
33	Delivery of one unassembled float kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC	\$ _____	4	\$ _____
36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
Total – Option Year 2				\$ _____

F4. Option Year 3

ITEM	CLASS OF LABOUR PLANT OR MATERIAL	UNIT COST (a)	ESTIMATED QUANTITY (b)	TOTAL (CAD\$) (a) × (b)
FLOAT MODULE SUPPLY FABRICATION				
1	PRICE for the fabrication and supply of one complete 9' foot wide float module.	\$ _____	15	\$ _____
2	PRICE for the fabrication and supply of one complete set of 9' foot wide float ends.	\$ _____	2	\$ _____
3	PRICE for the fabrication and supply of one complete 12' foot wide float module.	\$ _____	15	\$ _____
4	PRICE for the fabrication and supply of one complete set of 12' foot wide float ends.	\$ _____	2	\$ _____
5	PRICE for the fabrication and supply of one complete 9' foot wide heavy float module.	\$ _____	4	\$ _____
6	PRICE for the fabrication and supply of one complete set of 9' foot wide heavy float ends.	\$ _____	1	\$ _____
7	PRICE for the fabrication and supply of one complete 12' foot wide heavy float module.	\$ _____	4	\$ _____
8	PRICE for the fabrication and supply of one complete set of 12' foot wide heavy float ends.	\$ _____	1	\$ _____
9	PRICE for bundle of 22' long 6" x 8" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
10	PRICE for bundle of 18' long 6" x 6" S4S creosote treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
11	PRICE for bundle of 22' long 4" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
12	PRICE for bundle of 22' long 6" x 6" S4S ACZA treated timber beams in bundles of 20 units	\$ _____	1	\$ _____
13	PRICE per board foot of up to 22' long 2" x 8" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
14	PRICE per board foot of up to 22' long 2" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
15	PRICE per board foot of up to 30' long 3" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
16	PRICE per board foot of up to 30' long x 4" x 12" S1S2E ACZA treated timber decking	\$ _____	1000	\$ _____
17	PRICE per board foot of up to 20' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____

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 Client Ref. No. - N° de réf. du client
 F1571-15700C

Amd. No. - N° de la modif.
 002
 File No. - N° du dossier
 XLV-5-38048

Buyer ID - Id de l'acheteur
 xlv211
 CCC No./N° CCC - FMS No./N° VME

18	PRICE per board foot of 20'-30' long x 0"-8" width x 0"-8" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
19	PRICE per board foot of up to 20' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
20	PRICE per board foot of 20'-30' long x 0"-16" width x 0"-16" length S4S creosote treated timber beams	\$ _____	1000	\$ _____
21	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
22	PRICE per unit of 610 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
23	PRICE per unit of 1000 x 597 x 2438 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
24	PRICE per unit of 1000 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
25	PRICE per unit of 610 x 597 x 3352 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
26	PRICE per unit of 610 x 597 x 1219 Lg. Foam buoyancy billet	\$ _____	10	\$ _____
FLOAT MODULE ASSEMBLY				
27	Assembly of one complete 9' foot wide float module.	\$ _____	5	\$ _____
28	Assembly of one complete set of 9' foot wide float ends.	\$ _____	5	\$ _____
29	Assembly of one complete 12' foot wide float module.	\$ _____	5	\$ _____
30	Assembly of one complete set of 12' foot wide float ends.	\$ _____	5	\$ _____
FLOAT MODULE DELIVERY				
31	Delivery of one unassembled float kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
32	Delivery of one unassembled float kits to French Creek Harbour, BC	\$ _____	4	\$ _____
33	Delivery of one unassembled float kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
34	Delivery of assembled floating modules up to four (4) kits to Stevenson Harbour, BC	\$ _____	4	\$ _____
35	Delivery of assembled floating modules up to four (4) kits to French Creek Harbour, BC	\$ _____	4	\$ _____

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36	Delivery of assembled floating modules up to four (4) kits to Port Edward Harbour, BC	\$ _____	4	\$ _____
Total – Option Year 3				\$ _____

F5. Unscheduled Work

The following rates will apply to all unscheduled work (design changes) if requested and authorized in writing by the Standing Offer Authority.		Unit Price	Estimated Quantity (HOURS)	Extended Price (CAD\$)
1.	Charge-out Labour Rate	\$ _____	500	\$ _____
2.	Over-time Labour Rate	\$ _____	50	\$ _____
Total - Unscheduled Work				\$ _____

F6. Evaluated Total

Total – Year 1	\$ _____
Total – Option Year 1	\$ _____
Total – Option Year 2	\$ _____
Total – Option Year 3	\$ _____
Total – Unscheduled Work	\$ _____
EVALUATED TOTAL	\$ _____