



Small Craft Harbours Pacific Region

SPECIFICATIONS

GIBSONS WHARF REPAIRS

GIBSONS SMALL CRAFT HARBOUR

GIBSONS, BC

November 2021



1 SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION OF WORK	UNITS	QTY
Mandatory Items			
8.1	Mobilization/Demobilization	Lump Sum	-
8.2	Replace Caps	m	39
8.3	Replace Cross-Braces	Each	10
8.4	Replace Stringers	m	31
8.5	Install New Concrete Panels	Lump Sum	-
Optional Items			
8.6	Day Rate	Days	10

2 SITE LOCATION

- .1 Gibsons Small Craft Harbour is located in Gibsons, British Columbia. Refer to the site map drawing.

3 DEFINITIONS

- .1 Throughout contract documents, the words “Contracting Authority”, “Project Authority/Owner”, “Harbour Authority”, “Engineer” and “Contractor” shall be defined as follows:



- .1 Contracting Authority
Materiel and Procurement Services, Department of Fisheries and Oceans
301 Bishop Drive, Fredericton, NB E3C 2M6
- .2 Owner and Project Authority
Small Craft Harbours (SCH) - Department of Fisheries and Oceans,
200-401 Burrard Street, Vancouver BC V6C 3S4
- .3 Harbour Authority
Gibsons Landing Harbour Authority
Gibsons PO Box 527 BC V0N 1V0
- .4 Engineer
The Engineer could be an employee, a consultant or a consultant's representative
of the Owner.
- .5 Contractor
The party accepted by the Contracting Authority with whom a formal contract is
entered to complete the work of the project.

4 NATURE OF WORK

- .1 In general, work consists of cap replacements, new cap installations, stringer replacements, cross-brace replacements and installation of concrete panels. Only work identified in the unit price table and description of items are included in the tender. All additional work shown on the drawings are omitted from this tender, such as pile and asphalt work.

5 MATERIALS

- .1 The Owner shall supply six (6) new concrete panels and ACZA timber for handrail without hardware. The Contractor shall supply all other materials required to complete the contract.

6 SCH GENERAL CONDITIONS

- .1 Work may commence **Upon Award**; however, site mobilization is subject to **minimum 4 week notice**.
- .2 All work, including cleanup and demobilization, shall be completed by **June 15th, 2022**.
- .3 The awarded Contractor shall be the Prime Contractor for the work. The crew shall include a supervisor/foreman for the coordination and safety of the crew. The crew shall be professional, self-sufficient and capable of completing work described herein.



- .4 The Contractor shall give the Harbour Authority **minimum 4 weeks notice** of the mobilization date, any work that requires vessels to be moved and any work that will interfere with harbour operations including access in and out of the harbour.
- .5 Within 2 weeks of Award, Contractor is to submit to the Owner a Draft Work Plan. The Work Plan shall include as a minimum the proposed schedule, construction methodology and impacts to harbour operations (if any). A finalized Work Plan shall be submitted to the Owner within 4 weeks of Award.
- .6 The Contractor must provide a WCB Clearance Letter in 'Good Standing' prior to award.
- .7 The contractor must have a minimum of two million (\$2,000,000.00) dollars General Liability Insurance and provide proof of insurance prior to award.
- .8 The site will be accessible to bidders to visit on their own schedule. No visit will be organized by the Owner.

7 DFO GENERAL CONDITIONS

- .1 Construction General Conditions:
<http://www.dfo-mpo.gc.ca/contract-contrat/general-generale-eng.htm>

8 DESCRIPTION OF ITEMS

The following is a description of each item referenced to the **Schedule of Quantities and Prices**.

- .1 Mobilization/Demobilization – The lump sum cost to move all equipment, materials and crew on and off Gibsons Small Craft Harbour. This item includes crew costs, any overhead costs not included in other items, material handling and transporting around the site, disposal not included in other items and site cleanup conducted on a daily basis. This item includes a site visit after award to verify material sizes as described in the items below.
- .2 Replace Caps – The unit cost per meter to replace caps includes all equipment, labour and materials.
 - .1 Supply and replace creosote caps to match existing in accordance to the drawings and specifications. Contractor to confirm exact existing timber sizes prior to ordering materials. Shim with UHMW where required for uniform load bearing.
 - .2 Existing utilities shall be safely disconnected/relocated and re-connected to complete cap replacements. The Contractor is responsible for any damage to existing infrastructure. Refer to utility drawings and photos.
 - .3 Caps may be replaced in one bent increments but require new corbels are every cap to cap join.



- .4 Supply and install galvanized brackets and hardware as per Cap and Corbel Brackets drawing (FC-LWR-002).
 - .5 Submit product data, connection details and installation procedure to Owner for approval prior to ordering materials.
 - .6 Dispose replaced materials.
- .3 Replace Cross-braces – The unit cost per cross-brace to replace cross-braces includes all equipment, labour and materials.
- .1 Supply and replace creosote cross-braces to match existing in accordance to the drawings and specifications. Contractor to confirm exact existing timber sizes prior to ordering materials.
 - .2 Supply all galvanized hardware.
 - .3 Submit product data, connection details and installation procedure to Owner for approval prior to ordering materials.
 - .4 Dispose replaced materials.
- .4 Replace Stringers – The unit cost per meter to replace stringers includes all equipment, labour and materials.
- .1 Supply and replace creosote stringers to match existing in accordance to the drawings and specifications. Contractor to confirm exact existing timber sizes prior to ordering materials.
 - .2 Supply all galvanized hardware.
 - .3 Existing utilities shall be safely disconnected/relocated and re-connected to complete stringer replacements. The Contractor is responsible for any damage to existing infrastructure. Refer to utility drawings and photos.
 - .4 Existing handrail from the lower walkway may interfere with the stringer replacements. Remove and replace handrail as required to complete stringer replacements.
 - .5 Submit product data, connection details and installation procedure to Owner for approval prior to ordering materials.
 - .6 Dispose replaced materials.
- .5 Install Concrete Panels – The lump sum cost to install concrete panels includes all equipment, labour and materials.



- .1 Supply and install three (3) new creosote caps to support the new concrete panels in accordance to the drawings and specifications. Contractor to confirm exact timber sizes to make concrete panels level with existing concrete panels prior to ordering materials.
- .2 Remove and dispose existing handrail that interferes with panel installation. Install six (6) Owner Supplied concrete panels in accordance to the drawings and specifications. Contractor shall supply all brackets and hardware. Note: Electrical junction boxes to be relocated by others.
- .3 Install Owner supplied ACZA handrail to outside perimeter of new concrete panels in accordance to the drawings and specifications. Contractor shall supply all hardware.
- .4 Submit product data, connection details and installation procedure to Owner for approval prior to ordering materials.

Optional Items:

Optional items are included in the evaluation of the bid but may or may not be executed at the discretion of the Owner.

- .6 Day Rate – The unit cost per day includes all crew costs (including food and overnight accommodations), equipment, labour and materials. Provide 8 hours of marine construction with a minimum 3-man ground crew to complete scope identified by the Engineer/Owner. The day rate also includes preparation, breaks and shutdown that are in addition to the 8 hours of dive work. Typical work may include additional handrail replacement, cross-brace replacement, cap replacements and stringer replacements.