

## 1 GENERAL

### 1.01 WORK COVERED BY CONTRACT DOCUMENTS

- .1 The work covered under this project consists of the furnishing of all plant, labour, equipment and material the installation of new timber floating wharves anchored by a steel guide pile system, concrete filled pipe piles and all associated items at Chance Harbour Wharf located in New Brunswick, in strict accordance with specifications and accompanying drawings and subject to all terms and condition of this contract.
- .2 **Please note that no alternative floats or materials will be considered for review.**
- .3 Removal, disposal and supply and install of new or existing timber fender piles, timber wales, timber sheathing and timber ladders (timber ladders are to be removed and stored or reinstall accordingly), as indicated on the drawings.
- .4 **Relocate existing electrical panels including providing new treated timber supporting post as indicated on the drawing.**
- .5 Only items in the Unit Price Table will be measured for payment. All other work necessary to complete the Contract will be considered incidental to the project and will not be measured separately for payment.

### 1.02 DESCRIPTION OF WORK

- .1 The work will consist of but will not necessarily be limited to the following:
  - .1 Mobilization and demobilization.
  - .2 Submittal of environmental mitigation plan and its implementation(s).
  - .3 Submittal of a Health and Safety Plan.
  - .4 Construction, supply and installation of new floating wharves, including inter float connections, cover plates, floating containers, cleats, tire fender system, yokes etc, as indicated on the drawings. Timber floating wharves are to be constructed at a location off site, unless authorization is provided by the Department Representative.
  - .5 Construction, supply and installation of steel pipe guide pile system. Contractor must supply and install pile shoes, pile caps, drive piles, weld any required splices, supply and fill pipe piles with concrete and supply and install cathodic protection, as indicated on the drawings.
  - .6 Removal, disposal and supply and install of new or existing timber fender piles, timber wales, timber sheathing and timber ladders (timber ladders are to be removed, stored and reinstalled accordingly), as indicated on the drawings.
  - .7 Dust Control.
  - .8 Cleaning.

### 1.03 DELIVERY

- .1 The Contractor will deliver the required floats at a designated location specified by the Departmental Representative at Chance Harbour Wharf or at another federal

facility for getting payment. The floats will be unloaded in an orderly fashion, at an agreed location at the wharf until they are installed.

- .1 Unless the floats are constructed on site.
- .2 Contractor is responsible to have the required steel Pipe piles delivered on site. Pipe pile lengths and sizes are indicated on the drawings.

#### **1.04 PERMIT CERTIFICATES AND FEES**

- .1 Contractor is responsible to provide Notices to Mariners for the Commencement of construction operations
- .2 Obtain and pay for all permits and certificates, licenses as required by Municipal, Provincial, Federal and other Authorities.
- .3 Provide appropriate notifications of project to municipal and provincial inspection authorities.
- .4 Submit to Departmental Representative, copy of application submissions and approval documents received for above referenced authorities.
- .5 Comply with all requirements, recommendations and advice by all regulatory authorities unless otherwise agreed upon, in writing by Departmental Representative. Make requests for such deviations to these requirements sufficiently in advance to related work.

#### **1.05 INSPECTION OF SITE**

- .1 All bidders, before submitting their bid, are required to inspect and examine the site and its surroundings and satisfy themselves as to the form and nature of the work and materials necessary for the completion of the works, the means of access to the site, severity, exposure and uncertainty of weather, soil conditions, any accommodations they may require, and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. No allowance shall be made subsequently in this connection on account of error or negligence to properly observe and determine the conditions that will apply.
- .2 Contractors, bidders or those they invite to site are to review specification Section 01 35 29.06 - Health and Safety Requirements before visiting site. Take all appropriate safety measures for any visit to site, either before or after acceptance of bid.

#### **1.06 DATUM**

- .1 Datum used for this project is Lowest Normal Tides (LNT) and is assumed to be 9.006 meters below Benchmark BM Pointe Deck Benchmark.
- .2 Bidders are advised to consult the Tide Tables issued by Fisheries and Oceans in order to make sure of the tidal conditions affecting work.

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### 1.07 EXISTING SUB-SURFACE CONDITIONS

- .1 Information pertaining to the existing sub-surface conditions may be available by contacting the Departmental Representative.
- .2 Contractors are cautioned that any previous investigations that may be available for review, were intended to provide general site information only. Any interpolation and/or assumptions made relative to any previous investigations is the Contractor's responsibility.

### 1.08 CODES AND STANDARDS

- .1 Perform work in accordance with the latest edition of the National Building Code of Canada, FCC Standard 373 - Standard for Piers and Wharves (<http://www.hrsdc.gc.ca/en/lp/lo/fp/standards/373.shtml>), and any other code of provincial or local application including all amendments up to project bid closing date provided that in any case of conflict or discrepancy, the more stringent requirements shall apply.
- .2 Materials and workmanship must meet or exceed requirements of specified standards, codes and referenced documents.

### 1.09 LAYOUT OF WORK

- .1 Set grade elevations and layout work in detail from control points and grades established by Departmental Representative.
- .2 Assume full responsibility for and execute complete layout of work to locations, lines and elevations indicated or as directed by Departmental Representative.
- .3 Provide devices needed to layout and construct work.
- .4 Supply such devices as straight edges and templates required to facilitate Departmental Representative's inspection of work.
- .5 Supply stakes and other survey markers required for laying out work.

### 1.10 WORK SCHEDULE

- .1 Submit within 7 work days of notification of acceptance of bid, a construction schedule showing commencement and completion of all work within the time stated on the Bid and Acceptance Form and the date stated in the bid acceptance letter.
- .2 Provide sufficient details in schedule to clearly illustrate entire implementation plan, depicting efficient coordination of tasks and resources, to achieve completion of work on time and permit effective monitoring of work progress in relation to established milestones.
- .3 As a minimum, work schedule to be prepared and submitted in the form of Bar (GANTT) Charts, indicating work activities, tasks and other project elements, their anticipated durations and planned dates for achieving key activities and major project milestones provided in sufficient details and supported by narratives to demonstrate a reasonable plan for completion of project within designated time. Generally Bar Charts derived from commercially available computerized project

management system are preferred but not mandatory.

- .4 Submit Schedule updates on a minimum monthly basis and more often, when requested by Departmental Representative, due to frequent changing project conditions. Provide a narrative explanation of necessary changes and schedule revisions at each update.
- .5 The Schedule, including updates, shall be to Departmental Representative's approval. Take necessary measures to complete work within approved time. Do not change schedule without Departmental Representative's approval.
- .6 All work on the project will be completed within the time indicated on the Bid and Acceptance Form.
- .7 **Work on this site will not be permitted during or between March 1<sup>st</sup> 2024 to or until July 11<sup>th</sup> 2024, to allow the lobster fishing season to launch and end without obstruction. Any change or deviation to those dates would require to be approved ahead of time by the Departmental Representative.**
- .8 **Floating wharves would also require to be installed and completed by no later than Oct 21<sup>th</sup> 2024, to allow the lobster fishing season to launch without obstruction.**

#### **1.11 ABBREVIATIONS**

- .1 Following abbreviations of standard specifications have been used in this specification and on the drawings:  
CGSB - Canadian Government Specifications  
Board  
CSA - Canadian Standards Association  
NLGA - National Lumber Grades Authority  
ASTM - American Society for Testing and  
Materials
- .2 Where these abbreviations and standards are used in this project, latest edition in effect on date of bid call will be considered applicable.

#### **1.12 QUARRY AND EXPLOSIVES**

- .1 Make own arrangements with Provincial authorities and owners of private properties, for the quarrying and transportation of rock and all materials and machinery necessary for work over their property, roads or streets as case may be.

#### **1.13 SITE OPERATIONS**

- .1 Arrange for sufficient space adjacent to project site for conduct of operations, storage of materials and so on. Exercise care so as not to obstruct or damage public or private property in area. Do not interfere with normal day-to-day operations in progress at site. All arrangements for space and access will be made by Contractor. Contractor must coordinate work with harbour authority of Chance Harbour and the users.
- .2 Remove snow and ice as required to maintain safe access in a manner that does

not damage existing structures or interfere with the operations of others.

#### 1.14 PROTECTION

- .1 Store all materials and equipment to be incorporated into work to prevent damage by any means.
- .2 Repair or replace all materials or equipment damaged in transit or storage to the satisfaction of Departmental Representative and at no cost to Canada.

#### 1.15 PAYMENT

- .1 Payment for all work under this contract to be according to the "Articles of Agreement".
- .2 Dimensional changes as directed by the Departmental Representative to suit existing conditions, but not resulting in additional work or materials, will not be considered as extra to the Contract.

#### 1.16 DISPOSAL OF DEBRIS

- .1 Debris, including construction materials not incorporated in the work, oil products and containers, and other materials of this nature will be disposed of in suitable locations off the site. Disposal is the responsibility of the Contractor.
- .2 Material from the work will not be permitted to go adrift to otherwise become a menace to navigation.

#### 1.17 LOCATION OF EQUIPMENT

- .1 Location of buildings, tanks, equipment, fixtures, shown or specified shall be considered as approximate. Actual locations shall be as required to suit conditions at time of installation and as is reasonable. Obtain approval of Departmental Representative.
- .2 Locate equipment, fixtures and distribution systems to provide minimum interference and maximum usable space and in accordance with manufacturer's recommendations for safety, access and maintenance.
- .3 Submit field drawings to indicate relative position of various services and equipment when required by Departmental Representative.

#### 1.18 PROJECT MEETINGS

- .1 Contractor will arrange project meetings and assume responsibility for setting times and recording minutes.
- .2 Project meetings will take place on site of work unless so directed by the Departmental Representative.
- .3 Contractor will assume responsibility for recording minutes of meetings and forwarding copies to all parties present at the meeting within 48 hours after our meetings.

- .4 Have a responsible member of firm present at all project meetings.

#### 1.19 ACCEPTANCE

- .1 Prior to the issuance of the Certificate of Substantial Performance, in Company with Departmental Representative, make a check of all work. Correct all discrepancies before final inspection and acceptance.
- .2 Before Work can be accepted, the Contractor must clean up the site and leave it in a condition which is acceptable to the Departmental Representative.

#### 1.20 WORKS COORDINATION

- .1 Responsible for coordinating the work of the various trades, where the work of such trades interfaces with each other.
- .2 Convene meetings between trades whose work interfaces and ensure that they are fully aware of the areas and the extent of where interfacing is required. Provide each trade with the plans and specifications of the interfacing trade, as required, to assist them in planning and carrying out their respective work.
- .3 Canada will not be responsible for or held accountable for any extra costs incurred as a result of the failure to carry out coordination work. Disputes between the various trades as a result of their not being informed of the areas and extent of interface work shall be the sole responsibility of the General Contractor and shall be resolved at no extra cost to Canada.

#### 1.21 CONTRACTOR'S USE OF SITE

- .1 The Contractor's use of site is limited to the locations of the Float System installation, as specified on the drawings.
- .2 Co-ordinate use of premises under direction of Departmental Representative.
- .3 Contractor is responsible for arranging the storage of materials on or off site, and any materials stored at the site which interfere with any of the day to day activities at or near the site will be moved promptly at the Contractor's expense, upon request by Departmental Representative.
- .4 Exercise care so as not to obstruct or damage public or private property in the area.
- .5 Contractor will note that fishing activity in the harbour includes fishing boats, moorings, etc. The Contractor will note that fishing boats, etc. must be able to berth in the harbour during construction operations therefore Contractor must cooperate with boats and activities in the harbour. No compensation will be paid to Contractor for loss of time or any other as a result of activities in each harbour.

#### 1.22 INTERPRETATION OF DOCUMENTS

- .1 Supplementary to GC1.1 of the General Conditions, the Division 01 sections of the specifications take precedence over technical specifications in other divisions of the specifications.

### **1.23 HIGHWAY SPRING WEIGHT RESTRICTIONS**

- .1 Comply with Provincial regulations for spring weight restrictions on Provincial Highway.

### **1.24 WORK COMMENCEMENT**

- .1 Mobilization to project site is to commence immediately after acceptance of bid and submission of Site Specific Safety Plan, unless otherwise agreed by Departmental Representative.
- .2 Project work on site is to commence as soon as possible, with a continuous reasonable work force, unless otherwise agreed by Departmental Representative.
- .3 Weather conditions, short construction season, delivery challenges and the location of the work site may require the use of longer working days and additional work force to complete the project within the specified completion time.
- .4 Make every effort to ensure that sufficient material and equipment is delivered to site at the earliest possible date after acceptance of bid and replenished as required.

### **1.25 PROTECTION OF SERVICES**

- .1 Before commencing work, establish location and extent of service lines in area of work and notify Departmental Representative of findings.
- .2 Submit schedule to and obtain approval from Departmental Representative for any shut-down or closure of active service or facility. Adhere to approved schedule and provide notice to affected parties.
- .3 Provide temporary services when directed by Departmental Representative to maintain critical facility systems.
- .4 Where unknowns services are encountered, immediately advise Departmental Representative and confirm findings in writing.
- .5 The Contractor will immediately restore any existing services disrupted as a result of his operations at no extra cost under this contract.

### **1.26 HARBOUR AUTHORITY**

- .1 Contractor to contact the Harbour Authority of Chance Harbour prior to beginning of work. Contact Ann Little at (506) 659-2174.

### **1.27 OWNER OCCUPANCY**

- .1 Harbour users will occupy premises during entire period for execution of normal day to day operations.
- .2 Co-operate with Harbour Users in scheduling operations to minimize conflict and to facilitate Owner usage.

### 1.28 EXISTING SERVICES

- .1 Notify, Departmental Representative and utility companies of intended interruption of services and obtain required permission.
- .2 Where Work involves breaking into or connecting to existing services, give Departmental Representative 48 hours' notice for necessary interruption of mechanical or electrical service throughout course of work. Minimize duration of interruptions. Carry out work at times as directed by governing authorities with minimum disturbance to Harbour Users.
- .3 Establish location and extent of service lines in area of work before starting Work. Notify Departmental Representative of findings.
- .4 Where unknown services are encountered, immediately advise Departmental Representative and confirm findings in writing.
- .5 Protect, relocate or maintain existing active services. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction.
- .6 Record locations of maintained, re-routed and abandoned service lines.

### 1.29 DOCUMENTS REQUIRED

- .1 Maintain at job site, one copy each document as follows:
  - .1 Contract Drawings.
  - .2 Specifications.
  - .3 Addenda.
  - .4 Reviewed Shop Drawings.
  - .5 List of Outstanding Shop Drawings.
  - .6 Change Orders.
  - .7 Other Modifications to Contract.
  - .8 Field Test Reports.
  - .9 Copy of Approved Work Schedule.
  - .10 Health and Safety Plan and Other Safety Related Documents.
  - .11 Other documents as specified.

### 1.30 FACILITY SMOKING ENVIRONMENT

- .1 Comply with smoking restrictions.

### PRODUCTS

### 2.01 NOT USED

- .1 Not used.

### 3 EXECUTION

### 3.01 NOT USED

- .1 Not used.

END OF SECTION