



Part 1 SCOP OF WORK

- 1.1 The work included in this project includes the supply of all materials, labour, tools, equipment, protective equipment and transportation necessary for the completion of the work in accordance with the requirements of these specifications and the drawings.
- 1.2 The coordination and allocation of work, at the subcontractor level, is the sole responsibility of the General Contractor and any reference in the documents to subcontractors shall not be construed as binding the Department of Fisheries and Oceans to such allocation.
- 1.3 As part of the repair work, the Department of Fisheries and Oceans Canada will provide cleats and overlap plates as identified in the drawings and specifications

Part 2 MEASUREMENT METHOD

- 2.1 The Contractor shall provide, within five (5) days after receiving an acceptance notice for the contract, a list of equipment and the hourly rates for each of the equipment available for the works.
- 2.2 The Contractor shall, within five (5) days after receiving an acceptance notice for the contract, provide a list of hourly rates for his staff.
- 2.3 The lump sum price and unit prices will include, but not limited to, leasing, equipment installation, equipment, tools, labour, administrative costs, profit, funding, expenditure for work not specifically defined either in the plan, or specifications or any other tender documents, but considered necessary so as to conform to best practices.
- 2.4 All work described in this specifications, or presented in drawings, or necessary for the completion of all the work specified herein, but not defined as a separate item requiring a fixed rate or unit payment, will be considered as directly or indirectly linked to the overall purpose of the contract and no separate payment will be made for any of these works; the cost of any work that is directly or indirectly linked to the aim of this contract must however be included in the unit prices quoted in the tender.
- 2.5 The method used to measure labour, tools or materials for the contract will be as follows:
- .1 Measuring method for items will be:
- .1 Item n°.1 Floating docks repairs
- .1 Item will be measured as a lump sum price and includes all items listed in specifications and drawings to repair the 16 floating docks of the old line.
- .2 Item n°.2 Additional bolts and nuts
- .1 This item will be measured as a lump sum price and includes, but is not limited to, the supply of hot dipped galvanized bolts with BETA cutter

pins and nuts, and HDPE washers required for the installation of the floating docks line in the Spring of 2023.

- .3 Item n°.3 Wooden structure repair
 - .1 This item will be measured by the unit and shall include, but it is not limited to, the supply of all materials and all work necessary to repair deteriorated wood planks in floating docks structure.
 - .2 This item includes all labour, tools, equipment, materials and work necessary for a repair in accordance with the specified requirements.
 - .3 Each unit includes removal of existing, supply and installation of the following parts:
 - .1 1 piece 152 x 152 x 4 850 mm
 - .2 1 piece 152 x 152 x 2438 mm
 - .3 2 reinforcements 76 x 152 x 4 850 mm
 - .4 Wood pieces will be treated with CCA or CAQ.
 - .5 This item also includes the supply and installation of galvanized hardware necessary to replace defective parts, all according to the indications on drawings.

Part 3 WORK DESCRIPTION

3.1 OLD FLOATING DOCKS REPAIR

- .1 Perform snow and ice removal of the 16 floating docks stored at the Matane Harbour.
- .2 Load and transport of floating docks in a workshop to carry out the work.
- .3 Load and transport of cleats and overlap plates supplied by DFO and in inventory at the DFO warehouse in Gascons-Chapados.
- .4 Identify the floating docks and their components (fastening system with chain support).
- .5 Dismantle buoyancy billets, lifting ring, fastening systems, wheel guards, wooden fenders and decking.
- .6 Installation of 24" x 48" x 20" plastic floats under each dock, fix with lagscrew three pieces of treated wood 2" x 6" x 16" previously chambered to hide the existing bolt heads, thus allowing the floats to be fixed on a flat surface (see bolting template and photos in appendix).
- .7 Installation of 60 mooring cleats (supplied by DFO - available at DFO warehouse in Gascons - Chapados)
- .8 Installation of 15 overlap plates (provided by DFO - available at DFO warehouse in Gascons - Chapados)
- .9 Installation of new 152x152 treated wood wheel guards.
- .10 Installation of new 51x152 treated wooden decking.
- .11 Repair of wooden structure components of floating docks.
- .12 Transport and unloading of floating docks at Matane Harbour.

- .13 The Contractor shall supply all galvanized hardware for the installation of the floating docks line, hot dip galvanized bolts with cutter pin and nuts, and HDPE washers.

Part 4 TECHNICAL

4.1 FLOATING DOCKS REPAIR

- .1 Contractor must take into account the following elements in the preparation of his bid and his work method:
 - .1 The weight of a wooden floating dock is around 2,700 to 3,000 kg (6,000 to 7,000 lbs).
 - .2 Contractor to be responsible for monitoring the identification of the dismantled components in order to avoid any ambiguity during their reinstallation.
 - .3 The Contractor shall schedule coordination meetings with the local Port Authority personnel so that they can assist the Contractor and provide him with information.
 - .4 As part of the bidding process, there are no plans to change structural elements of the floating docks other than those identified in specifications and drawings. In the event that components of the floating dock structure must be changed, the Contractor shall inform the Departmental Representative and provide a description of the work and a financial proposal.

4.2 WORK SEQUENCE

- .1 Construct Work in stages, and if possible, as directed by Departmental Representative.
- .2 Coordinate Progress Schedule with Departmental Representative and Harbour Authority.
- .3 The work must observe the following schedule:
 - .1 The work shall begin at contract award.
 - .2 Considering that work shall be carried out before the start of the next fishing season, the repair work and delivery shall be completed no later than April 30th, 2023.
 - .3 The Contractor must submit a precise schedule with his bid.
- .4 Damages to new structures, partially constructed or completed, prior to substantial completion, due to Contractor or subcontractor operations, shall be repaired by Contractor at no additional cost for Departmental Representative.
- .5 Delivery of floating docks in spring of 2023 shall be jointly planned in advance in coordination with Departmental Representative and Harbour Authority.

Part 5 EXECUTION

- .1 The Contractor shall submit DFO with a copy of the Notice of site opening sent to the CNESST and its prevention program.
- .2 The Contractor shall take effective measures to protect the environment and avoid any risk of spillage or contamination to the surrounding environment.

- .3 Contractor must ensure that equipment is in good working order and well maintained, to avoid oil, grease and fuel leaks;
- .4 Ensure that operations and activities do not negatively impact water quality by ensuring that no debris is discarded or left floating in the watercourse and taking appropriate measures to prevent the discharge of fine materials into the watercourse.
- .5 Vehicle maintenance, refueling and storage of fuel or other hazardous materials must be done, as much as possible, at a minimum distance of 30 meters from the shore. If this distance cannot be respected, containment measures must be applied;
- .6 Schedule work from Monday to Saturday, from 7:00 am to 7:00 pm. The contractor shall obtain authorization from the municipality to perform work at night, on Sundays and holidays. Limit noisy work from Monday to Friday, from 7:00 am to 5:00 pm.
- .7 Ensure that the normal activities of other users are not interfered with and that agreements are made with neighbouring landowners if storage on the site is required. Provide DFO with a copy of any agreements with private landowners or organizations made as part of this mandate.
- .8 Provide unit rates for machinery and labour assigned to the site.

Part 6 HEALTH AND SAFETY REQUIREMENTS NOT USED

6.1 SECTION CONTENTS

- .1 The Contractor shall manage its activities in such a way that the health and safety of the public and site personnel and the protection of the environment shall always take precedence over issues of cost and schedule.
- .2 Various aspects of health and safety that DFO must consider in exercising due diligence with respect to health and safety on construction sites are considered in this document.

6.2 REFERENCES

- .1 Canada Labour Code - Part II, Canadian Occupational Safety and Health Regulations.
- .2 Province of Québec
 - .1 Act Respecting Occupational Health and Safety, R.S.Q. Chapter S-2.1.
 - .2 Construction Safety Code, S-2.1, r.6.
- .3 Canadian Standards Association (CSA)
- .4 Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).

6.3 SUBMITTALS

- .1 Submit to Departmental Representative within 24 hours a copy of any inspection report, correction notice or recommendation issued by federal or provincial inspectors.
- .2 Submit to Departmental Representative within 24 hours an investigation report for any accident involving injury and any incident exposing a potential hazard.

- .3 Notice of site opening: Notice of site opening shall be submitted to the Commission *de la santé et de la sécurité du travail* before work begins . A copy of such notice shall be submitted to Departmental Representative at the same time and another posted in full view at the site. During demobilization, a notice of site closing shall be submitted to the CNESST, with copy to Departmental Representative.

6.4 HAZARDS ASSESSMENT

- .1 The contractor must identify all hazards inherent in each task to be carried out at the site.
- .2 The contractor must plan and organize work so as to eliminate hazards at source or promote mutual protection so that reliance on individual protective gear can be kept to a minimum. Where individual protection against falling is required, workers shall use safety harness that meets standard Can - CSA- Z-259.10-06. Safety belts shall not be used as protection against falling.
- .3 Equipment, tools and protective gear which cannot be installed, fitted or used without compromising the health or safety of workers or the public shall be deemed inadequate for the work to be executed.
- .4 All mechanical equipment shall be inspected before delivery to the site. Before using any mechanical equipment, submit to Departmental Representative a certificate of compliance signed by a qualified mechanic. Whenever he suspects a defect or accident risk, Departmental Representative may at any time order the immediate shut-down of equipment and require a new inspection by a specialist of his own choosing.

6.5 MEETINGS

- .1 Contractor decisional representative must attend any meetings at which site safety and health issues are to be discussed

6.6 LEGAL AND REGULATORY REQUIREMENTS

- .1 Comply with all legislation, regulations and standards applicable to the site and its related activities.
- .2 Regardless of the publication date shown in the construction safety code, always use the most recent version.

6.7 SITE-SPECIFIC CONDITIONS

- .1 In his work planning, Contractor shall not disturb Harbour activities
- .2 Workers to be exposed to the following conditions:
 - .1 Work near watercourse.
 - .2 Work involving CCA treated wood
- .3 Until final acceptance, the protection of work for work stability and workers' security during work progress remains under Contractor's responsibility.

6.8 GENERAL REQUIREMENTS

- .1 Acknowledge and assume all the tasks and obligations which customarily devolve upon a principal Contractor under the terms of the Act Respecting Occupational Health and Safety (R.S.Q., chapter S-2.1) and the Construction Safety Code (S-2.1, r.6).

6.9 RESPONSIBILITIES

- .1 Regardless of the size of the work site or the number of workers present, appoint a competent person as supervisor and responsible for health and safety. Assume responsibility of health and safety of those present on the site, as well as the protection of property located on the site; assume also, in contiguous areas to the construction site, the protection of people and the environment insofar as they are affected by the work.
- .2 Take all necessary measures to ensure application of and compliance with the safety and health requirements of the contract documents, applicable federal and provincial regulations and standards as well as the site-specific safety program, complying without delay with any order or correction notice issued by the Commission de la santé et de la sécurité du travail.
- .3 Take all necessary measures to keep the site clean and in good order throughout the course of the work

6.10 COMMUNICATIONS AND POSTING

- .1 Make all necessary arrangements to ensure effective communication of safety and health information at the site. As they arrive on site, all workers must be informed of their rights and obligations pertaining to the site specific safety program. The Contractor must insist on their right to refuse to perform work which they feel may threaten their own health, safety or physical integrity or that of other persons at the site. The Contractor must keep and update a written record of all information transmitted with signatures of all affected workers.

6.11 UNFORESEEN CIRCUMSTANCES

- .1 Whenever a source of danger not defined in the specifications or identified in the preliminary site inspection arises as a result of or in the course of the work, immediately suspend work, take appropriate temporary measures to protect the workers and the public and notify Departmental Representative, both verbally and in writing.

6.12 INSPECTION OF SITE AND CORRECTION OF HAZARDOUS SITUATIONS

- .1 Immediately take all necessary measures to correct any lapses from legislative or regulatory requirements and any hazards identified by a government inspector, by the Departmental Representative, by the site safety and health coordinator or during routine inspections.
- .2 Submit to Departmental Representative written confirmation of all measures taken to correct lapses and hazardous situations.
- .3 Give the safety officer or, where there is no safety officer, the person assigned to safety and health responsibilities, full authority to order interruption and resuming of work as and when deemed necessary or desirable in the interests of safety and health. This person

should always act so that the safety and health of the public and site workers and environmental protection take precedence over cost and scheduling considerations.

- .4 Without limiting the scope of sections 1.8 and 1.9, Departmental Representative may order cessation of work if, in his/her view, there is any hazard or threat to the safety or health of site personnel or the public or to the environment.

APPENDIX # 1

Existing floating docks



APPENDIX # 2

Example of a floating dock with plastic float



APPENDIX # 3

Modification under floating dock to fix new plastic float

