



ADDENDUM NO. 1 TENDER NO. 111-2004

ALEXANDER DOCK – SOUTH HALF DOCK REHABILITATION

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

ISSUED: March 18, 2004
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: 20040128

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid Submission non-responsive.

PART B – BIDDING PROCEDURES

Revise: B2.1 The Submission Deadline is 12:00 noon Winnipeg time, **March 24, 2004.**

PART D – SUPPLEMENTAL CONDITIONS

Add:

D12.2 (e) If the material delivery for piling and timber Work precludes the Contractor from adhering to the defined completion dates, the Contractor may adjust fixed dates in D15 for the applicable Work items, as approved by the Contract Administrator. The Contractor shall identify any potential timber delivery issues at a Contract Pre-Construction meeting.

PART E – SPECIFICATIONS

Revise:

E4.3.1 Timber Decking

The 3" x 12" timber decking shall be spiked to the 4"x10" stringers securely with 2– 8" long spikes at every support. Each plank shall be placed and fastened tight against the adjacent plank. Butt splices shall occur only at support locations and shall be staggered wherever possible.

E4.3.4 Removal and Reinstallation of Existing Timber Pilecap Beams

Selected timber pilecap beams will be removed and re-installed after the new timber piles are installed. In locations where the timber beams are replaced with new W200x27 steel beams, the existing timber beams will be disposed. The re-installed pilecap beams shall be connected to the existing and new timber piles with 3/8" x 3" wide x 5' long bent plate steel straps. The straps will extend 1'0" down the side of the pile and be fastened through the pile with one 3/4" diameter threaded rod complete with plate washers and nuts. All materials will be galvanized.

E4.5.1 Timber Deck

The supply and installation of timber deck will be measured on a per square foot basis, in accordance with this Specification and accepted by the Contract Administrator.

The Contractor shall be responsible for confirming the quantity of material required to complete the Work prior to order. Allowances for cutting, waste and damage will be incidental to the installed quantity.

E4.5.2 Deck Stringer Replacement

The supply and installation of replacement deck stringers be measured on 16' long span basis, in accordance with this Specification and accepted by the Contract Administrator. The Contractor shall be responsible for confirming the quantity of material required to complete the Work prior to order. Allowances for cutting, waste and damage will be incidental to the installed quantity.

E4.5.4 Waterside Skirting

The supply and installation of waterside skirting will be measured on a per square foot basis, in accordance with this Specification and accepted by the Contract Administrator. The Contractor shall be responsible for confirming the quantity of material required to complete the Work prior to order. Allowances for cutting, waste and damage will be incidental to the installed quantity.

Add: E7 SITE DEVELOPMENT AND RESTORATION

E7.1 Description

This Specification shall cover all aspects of the Site development and restoration Work, including removal of debris, erection, maintenance and removal of safety fencing, sediment control Works, access maintenance, and Site restoration.

The Work to be done by the Contractor under this Specification shall include the furnishing of all superintendence, overhead, labour, materials, and all things necessary for and incidental to the satisfactory performance and completion of all Work as hereinafter specified.

E7.2 Equipment

All equipment, implements, tools and facilities used shall be of a size and type as required to complete the Work in a reasonable time, approved by the Contract Administrator. The Contractor shall keep all equipment in good Working order, and have sufficient standby equipment available at all times, as required.

E7.3 Site Construction and Access

The Contractor shall be responsible to develop suitable Site access. This shall include but is not limited to, temporary bridging over structures, temporary removal and reinstallation of fencing, restoration of sod, etc.

Construction access to the dock and lower riverbank area will be from asphalt paved ramp commencing on Waterfront Drive. Any additional ramp or access proposals shall be submitted to the Contract Administrator for approval a minimum of three (3) days prior to any construction activity on Site. The Contractor is responsible for obtaining the required permits and permissions that are necessary for Site access. The City of Winnipeg will be responsible for obtaining the Waterway Construction Permit.

Care shall be taken to prevent damage to existing Site facilities, services, pavement, boulevards, vegetation, etc. In the event of damage caused by construction activity, the Contractor will be held liable, and shall be required to provide appropriate restoration, at his own cost, to the satisfaction of the Contract Administrator.

E7.4 Material Stockpiling

Stockpiling of construction materials will not be permitted on the riverbank except at locations approved by the Contract Administrator.

E 7.5 Snow and Ice Removal

Snow cover, if required, shall be cleared from the riverbank and Work area prior to construction of the Works. The methodology to clear the snow shall be subject to the approval of the Contract Administrator.

E 7.6 Safety Fence

The Contractor shall erect and maintain for the duration of the project, a safety fence to restrict access to the Site. The fencing shall enclose the entire Site, with appropriate gates or openings that are closed at the end of each Work Day. The installed fencing shall consist of Dupont Number L70 orange plastic safety fence or approved equal with a mesh spacing of 45 mm and a minimum height of 1.2 metres supported by steel posts driven into riverbank. Alternatively, the Contractor may utilize the existing chain link fencing for the duration of the Work provided the fencing is removed as specified upon completion. Upon complete of the Work, all safety and chain link fence shall be removed and disposed off-Site.

E8. ENVIRONMENTAL REGULATION

E8.1 The Contractor shall adhere to all relevant Federal & Provincial environmental regulations during the entire duration of the construction process.

The Contractor shall develop an adequate sediment control plan prior to initiation of any Work in accordance with the provincial environmental regulations and also in accordance with "Manitoba Stream Crossing Guidelines for the Protection of Fish & Fish Habitat", Fisheries & Oceans, and Manitoba Natural Resources, May 1996. The sediment control plan shall be supplied by the Contractor at the pre-construction meeting.

The Contractor shall Work in accordance with his approved sediment control plan for the duration of the project.

E8.2 General Site Clean-up

All areas of the construction Site shall be restored to a condition at least equivalent to its original condition prior to the Works. This may include, but is not necessarily limited to the Contractor's lay down area and removal of all temporary fencing.

E8.3 Debris Removal

The Contractor shall remove all debris from the Site to facilitate access development and construction of the Works. All debris shall be disposed of off Site.

E8.4 Basis of Payment

The Site development and restoration will be incidental to the Contract Lump Sum Price for "Mobilization and Demobilization" which price shall be payment in full for supplying all materials and for performing all operations herein described and all other items incidental to the Work included in this Specification.

E9 SILT FENCE

E9.1 Description

This Specification shall cover the supply and installation of a silt fence to be installed at the base of the riverbank within the dock substructure footprint along the Site length.

The Work to be done under this Specification shall include the furnishing of all superintendence, overhead, labour, materials, equipment, tools, supplies, and all things necessary for and incidental to the satisfactory performance and completion of all Works as hereinafter specified.

E9.2 Materials

E9.2.1 General

The Contractor shall be responsible for the supply, safe storage, and handling of all materials set forth in this Specification.

E9.2.2 Silt Fence

The silt fence shall consist of a geotextile fabric supported by stakes or rebar driven into the ground. Suitable products shall be Mirafi Silt Fence, Nilex 2130, Layfield SF 124, or approved equivalent.

E9.3 Construction Methods

The silt fence shall be installed along the interior face of the perimeter of the existing dock skirting. The silt fence shall be a minimum height of the depth of water inside the dock substructure area. The silt fence shall remain in place until removal is approved by the Contract Administrator, but prior to enclosing the deck framing.

All silt fences shall be inspected by the Contractor at least daily. Any required repairs shall be made immediately. The silt fence barriers shall be maintained in place, without gaps, and without undermining, so as to prevent sediment passage through or under the barrier.

Sediment shall be removed to the level of the grade existing at the time of barrier installation and shall conform to the following:

- (a) Accumulated sediment shall be removed off Site when it reaches a depth of one-half the height of the silt fence barrier;
- (b) Accumulated sediment shall be removed off Site immediately prior to the removal of the silt fence.

E9.4 Basis of Payment

The silt fence will be incidental to the Contract Lump Sum Price for "Mobilization and Demobilization" which price shall be payment in full for supplying all materials and for performing all operations herein described and all other items incidental to the Work included in this Specification.

DRAWINGS

Revise: Drawing S3 - Note 8 shall read "PRE-BORE ONLY IF REQUIRED FOR FROST AND AS APPROVED BY THE CONTRACT ADMINISTRATOR. REMOVAL AND DISPOSAL OF MATERIAL SHALL COMPLY WITH SPECIFICATION E8 – ENVIRONMENTAL REGULATION".