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PWD-2-35031

Buyer ID - Id de l'acheteur
pwd004
CCC No./N° CCC - FMS No./N° VME

ADDENDUM #1

THE FOLLOWING AMENDMENT TO THE BID DOCUMENTS IS EFFECTIVE
IMMEDIATELY. THE ADDENDUM SHALL FORM A PART OF THE CONTRACT
DOCUMENTS.

SPECIFICATIONS:

1. In the specifications, section 01 10 10, clauses 1.1.1 and 1.30, delete the following sentence "In addition, the environmental approvals indicate no in-water work until August 15, 2012."
2. In the specifications, section 01 10 10, clause 1.2.6, delete "Rip Rap" and replace with "Filter Stone/Armour Stone."
3. In the specifications, section 03 30 00, clauses 1.8.1 and 1.8.4, delete "jib crane base" and replace with "jib crane foundation."
4. In the specifications, section 03 30 00, clause 1.8.1, add "extended portion of 250mm structural slab past marginal wharf crib timbers, as detailed on the drawings, will be measured for payment as 250mm structural deck-wharf."
5. In the specifications, section 03 30 00, clause 1.8.2, add "extended portion of 250mm structural slab past retaining crib timbers along fish plant, as detailed on the drawings, will be measured for payment as 250mm structural deck-retaining cribs along fish plant."
6. In the specifications, section 31 23 17, delete "Rock Removal" from the header on all pages and replace with "Rock Removal and Dredging."
7. In the specifications, remove section 31 37 10 in it's entirety.
8. In the specifications, section 34 17 39, add new clause 1.2.3 to read:

 "1.2.3 Installing guiderail posts in bedrock will not be measured separately for Payment."
9. In the specifications, add new section 35 31 24 – Filter Stone/Armour Stone, attached herewith.
10. Revise the specification index accordingly to reflect revisions made by this Addendum.

DRAWINGS:

1. Delete drawing numbered "C2 of 6" and replace with revised drawing "Rev-C2 of 6," attached separately as ATT 3.
2. On drawing number C3 of 6, details 3 and 7, replace the reference to "rock/gravel fill" to read "rock fill (as per specification section 31 23 25), topped with 300mm of gravel fill (as per specification section 31 23 25)."
3. On drawing number C6 of 6, detail 18, replace the reference to "extend conduit out from structural slab, beneath slab on grade, encased in 100mm of sand directly beneath slab on grade," to read "where conduit leaves structural slab, make transition into trench detail with 1200mm minimum cover, as per electrical drawings."
4. Revise the drawing index accordingly to reflect revisions made by this Addendum.

UNIT PRICE TABLE:

1. In the unit price table, delete "jib crane base" and replace with "jib crane foundation."

By submission of its bid, the Bidder confirms that it has read and understands the requirements expressed in all addenda and has included all costs of these requirements in its Total Bid Amount.

All other terms & conditions remain unchanged.

PART 1 - GENERAL

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|------------------------|----|--|
| <u>1.1 DESCRIPTION</u> | .1 | This section specifies requirements for supply and placing of filter stone and armour stone, in locations indicated on drawings. Filter stone and armour stone will not be measured separately for payment, and is to be included in the lump sum arrangement. |
|------------------------|----|--|

PART 2 - PRODUCTS

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|--------------------------------------|----|--|
| <u>2.1 ROCK MATERIAL</u> | .1 | Hard, angular rock free from cracks, seams and other defects which may impair durability. |
| | .2 | Relative density, 2.65 minimum. |
| | .3 | Absorption, 1.5 to 2.0% maximum as determined by ASTM C127 test procedure. |
| | .4 | Durability, less than 35% abrasion Wear, ASTM C535 test procedure. |
| | .5 | Sulphate Soundness Determination maximum 12% by ASTM C88. |
| <u>2.2 FILTER STONE/ARMOUR STONE</u> | .1 | Material for filter stone and armour stone to be blasted rock or field stones. |
| | .2 | Stone size to be 1 tonne for filter stone and 4 tonne for armour stone, s shown on drawings. |
| | .3 | Greatest dimension of each stone not to exceed two (2) times the least dimension. |

PART 3 - EXECUTION

3.1 GENERAL

.1 Take precautions not to damage existing properties during hauling of rock materials. Damage to existing roads or other private or public properties will be repaired at the Contractor's expense.

3.2 PREPARATION

.1 Haul roads: construct and maintain haul roads.

3.3 FILTER STONE

.1 Place filter stone layers to grades, dimensions, profiles and cross sectional elements indicated on the drawings.

.2 Place filter stone in layers as indicated on the drawings.

.3 Side slopes to be as indicated on the drawings.

.4 Do not transport different categories of material in the same truckload. If rocks of markedly different sizes are present in the same load, Departmental Representative reserves the right to have each rock measured separately and sorted prior to installing in structure.

3.4 ARMOUR STONE

.1 Place armour stone to lines, grades and dimensions indicated on the drawings.

.2 Dumping of armour stone will not be permitted. Each stone will be lifted and individually placed.

.3 Side slopes to be as shown on the drawings.

.4 Place armour stone to a total layer thickness as indicated on the drawings.

.5 Choose stones and place them in such a way that the whole structure will be bonded and consolidated to as great an extent as nature or rock will allow. Rocks should vary in size so they don't create steep slopes when placing to the grade lines as indicated on the drawings.

.6 Do not transport different categories of material in the same truckload. If rocks of markedly different sizes are present in the same load, Departmental Representative reserves the right to have each rock measured separately and sorted prior to installing in structure.

.7 Contractor to provide cross sections to the Departmental Representative at 10 metre stations to show that lines and grades have been achieved as shown on the drawings. Measurement for payment for this work will be included in the cost of the supply and installing the above item.

3.5 ROCK MATERIAL WASHED OUT OF WORK

.1 Should during the progress of the Work, any rock material be washed out of the Work, or through neglect or carelessness of the Contractor or their employees or from any other cause, be dumped into the water near the Work or anywhere within the harbour or channel so as to interfere in the opinion of the Departmental Representative with actual depths of water and/or impede navigation, it will be removed by the Contractor when ordered to do so by the Departmental Representative. Any material washed out of the Work or displaced beyond the contract limits will be replaced by the Contractor at no cost to Canada.