Winnipeg
Corporate Finance Department
*Materials Management Branch*

# ADDENDUM 6
# BID OPPORTUNITY 792-2006

**WINNIPEG WATER TREATMENT PROGRAM – CONSTRUCTION OF SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDINGS**

ISSUED: April 13, 2007
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## URGENT

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

**THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

Template Version: A20050506

**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 non-responsive.**

## PART E – SPECIFICATIONS

### Section 15060

Clarification: With reference to 1.3: The piping support system design shall include consideration for thrust forces from pressure, dead weight, minimum support spacing and thermal expansion, etc. Test pressures are given in schedule 15200-00S and can be used for pressure calculations. Piping supports need to take into consideration thermal expansion where temperature swings can be expected. For example, PSWtemperature will vary from close to 1 deg C in the winter to 25 deg C in the summer. The CS piping shall be heat traced and temperature will vary from room temperature up to 40 deg C. Building mechanical piping and other process piping will also see some variation in temperature.

| | | |
|---|---|---|
| Add: | 1.3.2 | Pipe supports detailed on the Drawings do not require re-design by the Contractor's Professional Engineer. |
| Add: | 1.3.3 | Where pipe temperatures are critical to the design of pipe support systems, the Contractor shall submit the temperature design assumption to the Contract Administrator prior to the preparation of the Shop Drawings. |

### Section 15200-000

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|---|---|---|
| Revise: | 3.19.1 to read: | All stainless steel pipe that is specified as passivated shall be pickled and passivated by the Contractor in accordance with any method described in ASTM A380. This shall include but not be limited to the following: |
| Add: | 3.19.1.1 | Degreasing to remove oil and grease films |
| Add: | 3.19.1.2 | Pickling to chemically clean the surface |
| Add: | 3.19.1.3 | Passivating to form an oxide film |
| Add: | 3.19.1.4 | Testing to ensure successful treatment |
| Add: | 3.19.2 | Piping that is supplied as passivated by the Contractor or by the City and that is subsequently welded during the performance of the Work shall be re-pickled and re-passivated (internally) in accordance with 3.19.1. |

**Section 17700-A**

Clarification: For instrument tags PI-xxx, PS-xxx, TI-xxx and LA-xxx shown in the Instrument Index without a corresponding Spec. Data Sheet, use Instrument Specification Numbers I112, I115, I131 and I126 respectively.

**Section 17701-A**

Add the following instrument specification:

| | |
|---|---|
| **INSTRUMENT SPECIFICATION NUMBER:** | I112 |
| **DEVICE:** | Pressure Gauge (Gauge and Differential) |
| **TAG:** | Refer to Instrument Index, Section 17700 |
| **SERVICE:** | Refer to Instrument Index and P&ID Diagrams |
| **PROCESS CONNECTION:** | 6.35 mm bottom connection |
| **CASE:** | 75 mm stainless steel complete with stainless steel wetted parts |
| **ACCURACY:** | ±1% of span |
| **RANGE:** | Refer to Instrument Index, Section 17700 |
| **ACCESSORIES:** | Refer to PID for details on accessories and installation requirements |
| **MANUFACTURER AND MODEL:** | Ashcroft<br>H.O. Trerice<br>Budenberg |

The following Drawing has been added and forms part of this Addendum:

| Consultant Drawing No. | City Drawing No. | Drawing Name/Title |
|---|---|---|
| WJ-E0542 | 1-0601J-D-E0542-001-00D | ELECTRICAL – SODIUM HYPOCHLORITE BUILDING – MOTOR SCHEDULE |
| WJ-E0551 | 1-0601J-H-E0551-001-00D | ELECTRICAL – CONTROL DIAGRAM |

The following Drawings have been revised and form part of this Addendum:

| Consultant Drawing No. | City Drawing No. | Drawing Title |
|---|---|---|
| WJ-E0521 | 1-0601J-D-E0521-001-01D | ELECTRICAL – SODIUM HYPOCHLORITE BUILDING – PANNEL SCHEDULES |
| WJ-E0522 | 1-0601J-D-E0522-001-01D | ELECTRICAL – SODIUM HYPOCHLORITE BUILDING – PANEL SCHEDULE |
| WJ-E0541 | 1-0601J-D-E0541-001-01D | ELECTRICAL – SODIUM HYPOCHLORITE BUILDING – MOTOR SCHEDULE |