



ADDENDUM 4 BID OPPORTUNITY 792-2006

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

URGENT

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

ISSUED: April 10, 2007
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**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 D – SUPPLEMENTAL CONDITIONS

- Add: D2.2(d)(ii) With reference to the installation of City Supplied Equipment: the Contractor shall supply and install all ancillary Material identified in the Supply Contractor's shop drawings as not being supplied and installed by the Supply Contractor. This includes all piping shown connecting pieces of City Supplied Equipment on the P&ID drawings, Material identified in dashed line, or as "field wiring", "by others" or identified with similar wording as not being supplied and installed by the Supply Contractor.
- Add: D2.2(j) The City will apply and pay for the Building Permit. All other permits are the Contractor's responsibility.

PART E – SPECIFICATIONS

Section 01650

- Revise: 6.7.2 to read: Upon satisfactory completion of the Running test, all equipment shall be cleaned, dried and left in a ready state for the Performance tests. The Contractor shall clean and dry Material or City Supplied Equipment installed by him in this manner as well as any materials supplied and installed by others that are used to complete an acceptable three (3) day running test including, but not limited to, any piping that the Contractor uses to convey water to the intended application point in the WTP.
- Add: 8.8.6: During the seven (7) day Performance tests, the City will operate equipment supplied and installed by others including equipment in the main WTP and Generator Buildings. The Contractor shall operate equipment supplied and installed by him during this period. City Supplied Equipment will be operated by the Supply Contractor.

Section 07400

- Revise: 2.1.1 to read: Roll Formed Metal Cladding Link Soffit Panel: Sheet steel coil coated to ASTM A755, galvanized by the hot dip process to ASTM A653M, Z275. Prefinish sheet to meet or exceed requirements of Baycoat Metallic Series, colour to match UC55028XL Bright Silver Metallic by PPG, apply colour on top side only. CL7040 by Vic-West.
- Add: 2.1.1.1 Metal Liner, Interior-Applied: Diamond-Rib by Vic West, of suitable core thickness hot dipped galvanized steel, colour to be chosen by Contractor Administrator.

Section 08335

Revise: 2.2.2 to read: Door Curtains: Fabricate overhead coiling door curtain of interlocking galvanized sheet steel slats in baked finish, designed to withstand wind loading indicated, in a continuous length for width of door without splices. Unless otherwise indicated, Supply and Install slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated.

Section 15200-08

Replace: Section 15200-08 Data Sheet-SS Pipe and Fittings-GS with Section 15200-08 Data Sheet-SS Pipe and Fittings-GS(R1).

Section 15200-00S(R1)

Replace: Section 15200-00S_Piping Schedule(R1) with Section 15200-00S_Piping Schedule (R2).

Section 15202-01

Replace: Section 15202-01 with Section 15202-01(R1).

Section 15202-02(R1)

Replace: Section 15202-02_Manual Valve Schedule(R1) with Section 15202-02_Manual Valve Schedule(R2).

Section 15410

Revise: 2.5.3 to read: The following equipment tag numbers: EES-H872, EES-H873, EES-H874

Add: 2.9.9 Downspout Nozzles

Add: 2.9.9.1 All nickel bronze body rainwater leader discharge nozzle with removable stainless steel screen.

Add: 2.9.9.2 Acceptable Manufacturers: Zurn model ZSS-199.

Section 16670

Revise: 2.1.6 to read: Ground rods shall be 20 mm x 6000 mm copper clad steel.

DRAWINGS

Clarification: With reference to detail 6/WJ-M0402: The valve shown in the Sodium Hypochlorite building containment manhole as FV-J665A shall be renumbered to FV-J666A.

Clarification: With reference to detail A/WJ-M0403: The chemical containment drip tray shall be FRP construction.

Clarification: With reference to drawing WJ-P0007: The valve shown in the Sodium Hypochlorite building containment manhole as FV-J665A shall be renumbered to FV-J666B.

Clarification: With reference to drawing WJ-E0511: Delete reference to 6x1C 350 MCM Teck cables feeding MCC-11A and MCC-11B. These feeders shall be 2x3C 750 MCM Teck cable as shown on WS-E0503.

Clarification: With reference to drawing WJ-E0511: Delete reference to 3C 4/0 teck cable serving RT-400. Cable shall be 3C #250 Teck90 not derated (spaced out) as shown on WJ-E0541.

Clarification: With reference to drawing WJ-E0511: Delete reference to 2x3C 4/0 teck cable serving RT-420. Cable shall be 3C #250 Teck90 not derated (spaced out) as shown on WJ-E0541.

- Clarification: With reference to drawing WJ-E0511: Delete reference to 2x3C 4/0 teck cable serving RT-440. Cable shall be 3C #250 Teck90 not derated (spaced out) as shown on WJ-E0541.
- Clarification: With reference to drawing WJ-E0506: For circuits 14,16,18 in panel DP-S202 delete the reference to UH-830A. Provide a 15A-3P spare in spaces 14,16,18.
- Clarification: With reference to drawing WJ-E0541: revise the overcurrent protection serving LCP-J101 from 150A-1P to 15A-1P to match circuit number 7 in LP-J12.
- Clarification: With reference to drawing WJ-E0541: revise the feeder serving LCP-J101 from 2C 250 MCM to 1x2C #10 teck cable.
- Clarification: With reference to drawing WJ-E0541: Delete reference to 6x1C 350 MCM Teck cables feeding MCC-11A and MCC-11B. These feeders shall be 2x3C 750 MCM Teck cable as shown on WS-E0503.
- Clarification: Drawings WS-H0124 and WG-H0521 show the compressed air piping system. For the 40mm diameter compressed air pipe indicated as being piped to the sodium hypochlorite building, terminate this pipe one metre into the link located between the sodium hypochlorite building and the bulk chemical building. Supply and install a cap and an isolation ball valve (Valve type V300) at the termination point to allow for future use.
- Clarification: References to natural gas vent piping sizes shown on drawing WS-H0115 are incorrect. Drawing WS-H0140 references and illustrates the correct natural gas vent pipe sizes.
- Clarification: With reference to drawings WS-S0301 and WS-S0302, all HSS114x114x13 bracing members can be replaced by Hss102x102x9.5.

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

Consultant Drawing No.	City Drawing No.	Drawing Name/Title
		AUTOMATION / I&C CABLE SCHEDULE

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

Consultant Drawing No.	City Drawing No.	Drawing Title
WJ-B0203	1-0601J-A-B0203-001-01D	ARCHITECTURAL - WALL SECTIONS
WJ-B0403	1-0601J-A-B0403-001-03D	ARCHITECTURAL - BUILDING LINK DETAILED PLAN & SECTIONS
WS-A0454	1-0601S-H-A0454-001-01B	ARCHITECTURAL - BUILDING SECTIONS
WS-A0455	1-0601S-H-A0455-001-01B	ARCHITECTURAL - WALL SECTIONS
WS-B0202	1-0601S-A-B0202-001-01D	ELECTRICAL - MAIN FLOOR POWER PLAN
WS-B0203	1-0601S-A-B0203-001-01D	ELECTRICAL - SINGLE LINE DIAGRAM - 600 VOLT MCC #12A AND MCC #12B
WS-E0112	1-0601S-A-E0112-001-02D	ELECTRICAL - MCC ELEVATION
WS-E0122	1-0601S-A-E0122-001-01D	ELECTRICAL - SECOND FLOOR POWER PLAN
WS-E0504	1-0601S-F-E0504-001-01D	ELECTRICAL - SCHEDULES
WS-E0505	1-0601S-F-E0505-001-01D	ELECTRICAL - SCHEDULES
WS-E0506	1-0601S-A-E0506-001-03D	PROCESS MECHANICAL - CHEMICAL FILL STATION - DETAILS

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Drawing Title</u>
WS-E0507	1-0601S-A-E0507-001-01D	PROCESS - SULPHURIC ACID FEED SYSTEM 1 OF 2 - PROCESS AND INSTRUMENTATION DIAGRAM
WS-M0454	1-0601S-A-M0454-001-01D	PROCESS - FERRIC CHLORIDE FEED SYSTEM 1 OF 3 - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0002	1-0601S-G-P0002-001-01D	PROCESS - FERRIC CHLORIDE FEED SYSTEM 2 OF 3 - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0005	1-0601S-G-P0005-001-02D	PROCESS - SODIUM HYDROXIDE FEED SYSTEM 1 OF 3 - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0006	1-0601S-G-P0006-001-02D	PROCESS - SODIUM HYDROXIDE FEED SYSTEM 2 OF 3 - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0009	1-0601S-G-P0009-001-01D	PROCESS - BULK AMMONIA OFFLOADING AND STORAGE - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0010	1-0601S-G-P0010-001-01D	PROCESS - BULK AMMONIA OFFLOADING AND STORAGE - PROCESS AND INSTRUMENTATION DIAGRAM
WS-P0012	1-0601S-G-P0012-001-02D	AUTOMATION / I&C - MOTORIZED VALVE OPEN/CLOSE WITH LOCAL CONTROL STATION- INSTRUMENTATION LOOP DIAGRAM
WS-P0013	1-0601S-G-P0013-001-01D	AUTOMATION / I&C - MOTORIZED VALVE OPEN/CLOSE - INSTRUMENTATION LOOP DIAGRAM