



ADDENDUM 7 BID OPPORTUNITY NO. 498-2006

CITY OF WINNIPEG WATER TREATMENT PROGRAM CONSTRUCTION OF STANDBY GENERATOR BUILDING AND ANCILLARY BUILDINGS

ISSUED: October 23, 2006
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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: A20050301

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 A -- BID SUBMISSION

Replace 498-2006_Addendum_6-Bid_Submission with 498-2006_Addendum_7-Bid_Submission. Form G2(R2) has been replaced by Form G2(R3).

PART B – BID SUBMISSION

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, October 26, 2006.

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D2.2(e) to read: Coordinate supply of diesel fuel required for the generator demonstration, running test and performance tests, supply of the diesel fuel is by the City.
- Add: D2.2(f): 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 "filed wiring", "by others", or identified with similar wording as not being supplied and installed by the Supply Contractor. This includes, but is not limited to, the supply and installation of all terminal blocks, power wiring and control wiring so identified.
- Revise: D2.2(b) to read: Earthworks, grading and culverts, except as specified elsewhere, in accordance with City of Winnipeg Standard Construction Specifications CW-3170 and CW-3610.
- Revise: D2.2(c) to read: Supply, Installation and Performance Verification Support for all mechanical, process, electrical, instrumentation and controls associated with the above works and as shown in the Contract Documents, including receiving, and unloading, acceptance and installation of City Supplied Equipment supplied under Bid Opportunity 682-2005 Supply of Standby Generators and 5kV Switchgear (delivery in February, 2007).
- Revise: D26.3 to read: Notwithstanding GC:13.2, the warranty period shall begin on the date of Total Performance and shall expire two (2) years thereafter, except where longer warranty periods are specified in the respective Specification sections, unless extended pursuant to GC:13.2.1 or GC:13.2.2, in which case it shall expire when provided for thereunder.
- Revise: D26.3.1 to read: For the purpose of Performance Security, the warranty period shall be two (2) years.

PART E – SPECIFICATIONS

Section 01210

Replace: Section 01210(R1) with Section 01210(R2).

In this new revised Section:

Revise: 3.6 to read: Running Test: The Supply Contractor will perform running tests in accordance with the requirements of his contract. The Contractor shall provide support for the running test in accordance with these Specifications.

Section 02581

Add: Section 02581

Section 15080

Delete: 1.4.12

Section 15100

Add: 1.1.7 All piping, valves, and equipment associated with the diesel generators shall be installed by a certified Petroleum Contractor.

Section 15110

Revise: 2.3 to read: Sump Discharge

Add: 2.5 Fuel Oil Valves

Add: 2.5.1 Ball Valves up to 50 mm: Carbon steel body, inside screw, two piece body, large port, blow-out proof stem, threaded end rating 1034 kPa (150 psi) steam. Red-White Fig 7770.

Add: 3.1.2 Outdoor Temperature Sensor

Add: 3.1.2.1 The outside air temperature sensor shall be located on the north side of the building.

Section 15705

Replace: Section 15705 with Section 15705(R1)

Section 15901

Revise: 2.4.2 to read: Duct Differential Pressure (DP-1)

Revise: 2.4.3 to read: Space Air Static Differential Pressure

Add: 2.4.3.1 Device: Low Range Differential Pressure Transmitter

Add: 2.4.3.2 Service:

Add: 2.4.3.2.1 Generator Building Electrical Room

Add: 2.4.3.2.2 Clearwell Inlet Building

Add: 2.4.3.3 Range: 0 to 25 Pa differential

Add: 2.4.3.4 Process Connection : Barbed tube fitting

Add: 2.4.3.5 Inaccuracy: +/- 0.5% of span or better

Add: 2.4.3.6 Output: 4 to 20 mA DC

Add: 2.4.3.7 Power supply: Loop powered

Add: 2.4.3.8 Display: 4 digit LCD

Section 15999(R1)

Revise: 1.8 to read: Louver Schedule

Tag	Manufacturer Model No.	Frame	Core	Size – mm (in) Width x Height	Cap. – l/s (cfm)	Vel. – m/s (fpm)	ΔP – Pa (in)	Frame Size	Finishes	Options
LV-A	CB605X	Drainable	Drainable	See Drawings	See Drawings	4.3 (850)	(0.15)	130 mm	1	1, 3,4,5
LV-B	CB605X	Drainable	Drainable	See Drawings	See Drawings	7.6 (1500)	(0.15)	130 mm	1	1, 3,4,5

Add: 2.2 Pump Schedule

Notes:

1. Supply and install duplex sump control panel to control sump pumps. Panel capable of automatic duty/standby switch-over.
2. Pumps shall come with slide away coupling option for easy pump removal.
3. Supply and install rail guides and chain for pump removal.

Revise: 2.4 to read: Louver Schedule

Tag	Manufacturer Model No.	Frame	Core	Size – mm (in) Width x Height	Cap. – l/s (cfm)	Vel. – m/s (fpm)	ΔP – Pa (in)	Fast.	Finishes	Options
L-1	Airolite 638C1006X		Storm-proof	See Dwgs.	See Dwgs.	214 (700)	25 (.1)	Mtg angle	2	1,3
L-2	Airolite 609B6X		Storm-proof	See Dwgs.	See Dwgs.	245 (800)	25 (.1)	Mtg angle	2	1,3

Finishes: 1. Baked enamel 3. Duranar XL

2. Duranar 4. Match adjacent panelling

Options: 1. Formed metal sill 3. Aluminum bird screen

2. Aluminum insect screen 4. Removable access door

Clarification: 2.5 Gravity Hood Schedule

Please change the Tag Title to read:

Tag	GRH-1
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Section 16105

Delete: Section 16105. This Section has been replaced by Section 02581 included in this Addendum.

Section 16461

Revise: 2.1.1 to read General: Dry type, air cooled, self ventilated. Enclosures to be EEMAC 1 type, code gauge steel, complete with ventilating openings, access panels, mounting brackets, and solderless primary and secondary cable connectors. Enclosures to have zinc chromate prime coat and enamel finish coat per Section 16010 – Electrical General Requirements. Transformers to be single or three phase as noted on the Drawings. Dry type transformers shall be Westinghouse, FPE, BEMAG, REX Power Magnetics, Hammond, or approved equal as specified in B6.

DRAWINGS

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

<u>Consultant Dwg No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WG-C0103	1-0601G-A-C0103-001-00D	ELECTRICAL - DUCT BANK LOCATION PLAN

The following Drawings have been revised and are included with Addendum:

STRUCTURAL

<u>Consultant Dwg No.</u>	<u>City Drawing No.</u>	<u>Title</u>
WG-S0201	1-0601G-A-S0201-001-03D	STRUCTURAL - FLOOR PENETRATIONS PLAN - BUILDING SECTIONS
WG-S0450	1-0601G-A-S0450-001-02D	STRUCTURAL - DUCT BANK PLAN & SECTIONS
WG-S0451	1-0601G-A-S0451-001-02D	STRUCTURAL - DUCT BANK PLANS
WG-S0453	1-0601G-A-S0453-001-01D	STRUCTURAL - DUCT BANK SECTIONS @ BUILDINGS

ELECTRICAL

WG-E0001	1-0601G-A-E0001-001-02D	ELECTRICAL - SITE PLAN
WG-E0101	1-0601G-A-E0101-001-02D	ELECTRICAL - CRAWLSPACE LIGHTING PLAN AND SCHEDULE
WG-E0102	1-0601G-A-E0102-001-03D	ELECTRICAL - CRAWLSPACE POWER PLAN AND SECTIONS
WG-E0112	1-0601G-A-E0112-001-03D	ELECTRICAL - MAIN FLOOR POWER PLAN
WG-E0404	1-0601G-A-E0404-001-02D	ELECTRICAL - CRAWLSPACE CABLE TRAY DETAILS
WG-E0501	1-0601G-A-E0501-001-02D	ELECTRICAL - SCHEDULES
WD-E0112	1-0601D-A-E0112-001-04D	ELECTRICAL - DBPS FLOOR PLAN

MECHANICAL

WG-H0110	1-0601G-A-H0110-001-02D	MECHANICAL - PIPING PLAN - MAIN LEVEL PLAN
WG-H0402	1-0601G-A-H0402-001-02D	MECHANICAL - STANDARD DETAIL

TREATED WATER STORAGE INLET BUILDING

ELECTRICAL

WT-E0112	1-0601T-A-E0112-001-03D	ELECTRICAL - POWER AND FIRE ALARMS - FLOOR PLANS
WT-E0401	1-0601T-A-E0401-001-03D	ELECTRICAL - SECTIONS

MECHANICAL

WT-M0002	1-0601T-A-M0002-001-01D	MECHANICAL - WASHDOWN PIPING SYSTEM - PLAN AND SECTIONS
WT-M0003	1-0601T-A-M0003-001-03D	MECHANICAL - VENTILATION PLAN
WT-M0004	1-0601T-A-M0004-001-02D	MECHANICAL - VENTILATION SECTIONS
WT-M0005	1-0601T-A-M0005-001-01D	MECHANICAL - DETAILS AND SCHEMATICS