



21-2006 ADDENDUM 10

WEST END WATER POLLUTION CONTROL CENTRE BIOLOGICAL NUTRIENT REMOVAL UPGRADE

URGENT

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

ISSUED: July 17, 2006
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**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: 21-2006 Bid Submission with 21-2006 Addendum 10 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission

Form B (R2): Revise item 2, 11 to 16
 Delete item 6

PART B – BIDDING PROCEDURES

Revise: B9.2.2 “and MRST,” to read “and MRST to be extra where applicable,”

PART D – SUPPLEMENTAL CONDITIONS

Replace: D15.1 “Working Day” with “Calendar Day”

Delete: D18

PART E – SPECIFICATIONS

Section 01010 Revise: Clause 1.1.2.2.3 to read: “Fine-bubble aeration diffuser system (supplied by City Bid Opportunity 196-2006 available for download from The City of Winnipeg Materials Management Website at www.winnipeg.ca/matmgt)”

Section 01400 Revise: Clause 1.3.1 “Canadian Government Specification Board” to read “Canadian General Standards Board”

Section 01650 Revise: Clause 3.3.2 to read: If so directed by the Contract Administrator, the Contractor shall arrange for the manufacturer’s representative to visit the Site to provide assistance during installation, all at no cost to the City.

Section 01664 Revise: Clause 3.2.10 to read: Exam to show understanding of material provided.

Section 01670 Delete: Clause 1.1.1

Section 01670 Revise: Clause 1.5.2 to read: The commissioning plan shall be reviewed prior to its implementation.

- Section 02220 Revise: Clause 3.3.4 "Excavate to noted limits and as required" to read "Excavate to noted limits of excavation plan and as required"
- Section 03200 Revise: Clause 2.1.2 MMFX dowels in Area S as manufactured by MMFX Steel Corporation of America with minimum yield strength of 758 MPa. MMFX dowels to be deformed."
- Section 03250 Revise: Clause 2.1.7 "CGSB 41-6P-35M polyvinyl chloride" to read "CGSB 41-GP-35M polyvinyl chloride material,"
- Section 06530 Clarification: The intent of Section 06530 and Addendum 5 Drawings for information only CBF-0226 through to CBF-0228A of the existing fiberglass reinforced plastic domes is that the Clarifier No. 3 dome will be of similar overall height and general curvature of the existing Secondary Clarifiers FRP domes to the north as depicted in the Drawings. The individual dimensions of the each panel can be altered from the existing Secondary Clarifiers FRP domes to suit the Contract documents but the overall dome shape shall be similar to that of the existing Secondary Clarifiers.
- Section 07525 Revise: Clause 3.2.2.4 to read: Ensure torch welding applications correctly weld membrane to substrate regardless of working temperature and conditions.
- Section 09730 Revise: Clause 1.4.1 "Contractor" to read "Installer"
- Section 09985 Revise: Clause 2.2 "City" to read "Contract Administrator"
- Section 11050 Delete: 1.10.1 "This warranty shall remain in effect for the maximum period of time allowed under Law."
- Section 11315 Revise: Clause 2.9.3 "Factory finished NEMA 4, 316 plastic enclosures to house all required components." to read "Provide NEMA 4 enclosures to house all required components."
- Section 11315 Delete: Clause 2.12.2
- Section 11525 Add Clause 2.9.2 The bridges for the Secondary Clarifiers 1 and 2 are to be of similar size to the existing bridges to minimize modification of the existing structure and its components. Any modification to the existing structure and its components for the new bridges shall be completed at the Contractors expense. All modifications will be subject to review and acceptance by the Contract Administrator.
- Section 11525 Add Clause 2.9.3 The bridges for the Secondary Clarifiers 1 and 2 shall be supported on the existing concrete haunch similar to the existing bridge sections. The connection to the existing concrete haunch shall be provided by the Contractor. The Contractor proposed connection detail will be subject to review and acceptance by the Contract Administrator. Any required modification to the connection detail and appurtenances shall be completed at no additional cost to the City.
- Section 11525 Add Clause 2.9.4 The bridge for the Secondary Clarifier 3 can be connected to the concrete tank wall by either a weld plate or concrete haunch. The weld plate or concrete haunch shall be provided by the Contractor. The Contractor proposed connection details to the concrete tank wall will be subject to review and acceptance by the Contract Administrator. Any required modification to the connection detail and appurtenances shall be completed at no additional cost to the City.
- Section 11525 Revise: Clause 2.18.1 to read "Shop prime and paint all ferrous components of the equipment with high-build epoxy in accordance with Section 11901."
- Section 11900 Revise: Clause 1.4 to read:
- 1.4 Warranty
- .1 The warranty shall be in accordance with GC:13 but for a period of two years. The Work performed by the Contractor shall be inspected by an independent inspector acceptable to the Contract Administrator.
- Section 11900 Revise: Clause 2.6.1 "CGSB 1-GP-61M" to read "CAN/CGSB-1.61-2004"

Section 11900 Revise: Clause 2.6.1 "CGSB 1-GP-143M" to read "CAN/CGSB-1.143-98"

Section 11900 Revise: Clause 2.6.1 "CGSB 1-GP-69M" to read "CAN/CGSB-1.69-98"

Section 11900 Revise: Clause 2.6.1 "CGSB 1-GP-146M" to read "CAN/CGSB-1.146-99"

Section 15010 Delete: Clause 1.16.4

Section 15010 Revise: Clause 1.23.1 to read: Select identification colours in accordance with the colour scheme as outlined in the following table:

Item	Colour	Colour Code
Potable Water	Sky Blue	SW 3021
Well Water Supply	Violet	SW 3022
Well Water Return	Violet	SW 3022
Flushing Water	Blue	SW 3023
Hot Water Supply	Green	SW 3024
Hot Water Return	Aqua Green	SW 3025
Glycol Supply	Medium Fuschia	SW 3026
Glycol Return	Light Fuschia	SW 3027
Rain Water Leaders	Grey	SW 3028
Primary Effluent	Mint Yellow	SW 3030
Primary Sludge	Charcoal Grey	SW 3031
Return Activated Sludge	Orange	SW 3032
Waste Activated Sludge	Yellow	SW 3033
Sludge Mixing System	Pumpkin	SW 3034
Scum/Degreasing	Blue-Grey	SW 3035
Process Drain	White	SW 3036
Mix Age Polymer Tanks	Med. Orange	SW 3040
Polymer Feed Tanks	Teal Blue	SW 3041
Dry Polymer Storage	Light Green	SW 3042
Liquid Polymer Storage	Medium Green	SW 3043
Sludge Feed/Transfer	Dark Yellow	SW 3044
Sludge Cake Line	Medium Yellow	SW 3045
Thin Sludge	Light Yellow	SW 3046
Centrate	Very Light Yellow	SW 3047
Sludge Cake Storage	Medium Yellow	SW 3045
Treated Centrate	Blue Grey	SW 3035
Sludge (Trucked)	Rich Tan	SW 3048
Sludge Cake Hopper	White	SW 3049
Sludge Cake Pump Drive	Dark Green	SW 3050
Ferric Chloride	Bright Yellow	SW 3063
Instrument Air	Forest Green	SW 3060
Process Air	Terrace Green	SW 3061
Oxygen	Purple	SW 3062
Chlorine	Bright Yellow	SW 3063
Natural Gas	Safety Yellow	SW 3064
Digester Gas	Red	SW 3065
Methanol	Bright Yellow	SW 3063
Soda Ash	Med. Orange	SW 3040
Duct Work	Warm Grey	SW 3070
Steel Pipe Supports	Ansi Light Grey	SW 3071
Bollards	Red	SW 3065
Exterior Pedestals/Panels	Lemon Yellow	SW 3071
Handrails (Painted)	Aluminum	B 59S2
Motors	Red	SW 3065
Motor Bases	Carmine Red	SW 3072
Valves/Pumps	Match conduit	
Valve Hand/Chainwheels	Red	SW 3065
Boilers	Heat Resistant Aluminum	B 59S3
Concrete/Blockwork	Platinum Grey	SW 4012
Note: SW = Sherwin Williams		

Section 15010 Delete: Clause 1.23.2

Section 15010 Delete: Clause 1.23.3

Section 15080 Revise: Clause 2.8.1 to read: All steel hanger rods, hangers and supports shall be galvanized.

Section 16010 Add: Clause 1.2.6 Division 13

Section 16010 Add: Clause 1.2.7 Division 14

Section 16010 Revise: Clause 1.5.1 "Within 30 days of award of Contract, the Contractor shall" to read "The Contractor shall"

Section 16010 Revise: Clause 1.6.2 "AutoCad Release 2000i" to read "AutoCad"

Section 16010 Delete: Clause 1.9

Section 16010 Revise: Clause 2.5.2 to read: The warranty period shall not begin until the date of Total Performance of the Work.

Section 16010 Delete: Clause 2.6.2

Section 16010 Delete: Clause 3.5

Section 16015 Revise: Clause 1.7.6 "Bid Documents" to read "Contract Documents"

Section 16480 Revise: Clause 2.5.8 to read: Warranty: the manufacturer shall provide a five year warranty on the TVSS filter, a one year warranty on the panelboard and circuit breakers, and a one year warranty on individual equipment plug-in units.

Section 16815 Revise: Clause 1.5.1 to read: The VFD supplier shall provide warranty coverage for a period of two years.

Section 16815 Revise: Clause 1.5.3 to read: The Contractor shall indicate the level of local support detailing response time if a piece of equipment should happen to fail or malfunction. Details are to include estimated replacement part delivery times, as well as nearest parts depot location and a contact name and phone number.

Section 16815 Revise: Clause 2.1.8.13 "longlead filter package components in their bid submission, and the" to read "longlead filter package components and the"

Section 16950 Add: Clause 1.1.2 Process: Division 11, 13 & 14

Section 16980 Revise: Clause 1.7.1 to read: Except where otherwise specified, perform all testing, adjusting, balancing, and related requirements specified herein prior to Total Performance of the Work.

Section 16980 Revise: Clause 3.5.3.1 to read: Submit for review, Shop Drawings of all items specified in this Section in accordance with Section 01300.

Section 16980 Revise: Clause 3.5.3.2 to read: Provide maintenance manuals for all items specified in this Section, in accordance with 01735 and 01300.

Section 17010 Revise: Clause 1.1.5 to read: Provide documentation in accordance with Section 01300.

Section 17010 Delete: Clause 1.1.6

Section 17010 Revise: Clause 1.4.3 all "Record Drawings" to read "As-Constructed Drawings"

Section 17700 Replace: Instrument Index (R3)

Replace: Section 17701a

DRAWINGS

Replace: Drawing SP2-07-R1 with Drawing SP2-07-R2