Corporate Finance Department
Materials Management Branch

ADDENDUM 2
BID OPPORTUNITY 34-2006

WINNIPEG WATER TREATMENT PROGRAM – CONSTRUCTION OF DEWATERING CELLS

ISSUED: April 10, 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: 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 A – BID SUBMISSION

Replace: 34-2006-Bid_Submission with 34-2005_Addendum_2-Bid_Submission. Form G2 has been replaced by Form G2(R1).

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon, Winnipeg time, April 13, 2006.

PART E – SPECIFICATIONS

Add: **E12** **LAYOUT OF THE WORK**

Add: E12.1 Unless otherwise specified, the Contract Administrator will layout the Work in accordance with article 3.15 of CW 1130.

Section 02651

Revise: 3.2.1 to read: Place Topsoil only after Contract Administrator has accepted subgrade. In general Topsoil is to be placed over the outer slopes of the dikes and areas extending to the limit of the area affected by excavation Works, and on perimeter ditches.

Revise: 3.2.2 to read: During dry conditions spread Topsoil in uniform layers to an approximate depth of 75 mm, over unfrozen subgrade free of standing water. If additional Topsoil is available method of disposal of additional Topsoil to be as directed by the Contract Administrator and may consist of either stockpiling in an approved location or spreading to a thickness as directed by the Contract Administrator.

Add: 3.3.20.4 The straw mulch has been spread and incorporated into the ground.

Section 02661

Revise: 1.1.1.2 to read: The Contractor shall complete eight (8) permeability conductive tests to confirm the liner permeability. If an impermeable structure is not obtained (i.e. soil permeability test results fail to meet the requirements of this Section); complete all remedial works as may be required to obtain an impermeable structure as specified herein. All remedial Works due to work within the Contractor's control are to be at the Contractor's cost.

Revise:	1.1.1.5 to read:	Coordinate testing with the Contract Administrator during construction period quality control. However the retesting cost due to faulty workmanship during construction period shall be Contractor's responsibility. Complete final quality control testing as requested by the Contract Administrator to verify densities and liner permeability. Extraction of Shelby tubes shall be completed utilizing a drill rig. All tested areas shall be plugged with bentonite after completion of the test.
Revise:	1.4.3 to read:	Be responsible for selecting and placing soils to obtain a structure with a permeability of less than 10^{-7} cm/sec. Should soil permeability test results fail; Contractor to correct all works as may be required to obtain permeability results specified herein. All remedial Works due to work within the Contractor's control are to be at the Contractor's cost.
Revise:	3.5.2 to read:	Supply all materials and equipment necessary to complete density testing, and Shelby tube soil sample collection at the required depth for final quality control test. Sample depth shall be as directed by the Contract Administrator. Upon extraction of the soil samples, samples shall be forwarded to the appointed laboratory for testing. All cost associated with the final quality control tests shall be the Contractor's responsibility.
Revise:	3.5.4 to read:	Density tests:
Add:	3.5.4.1	Location and number of density tests to be as determined by the Contract Administrator based on his evaluation of site conditions at the time of construction. Notify Contract Administrator sufficiently in advance of operations to allow for scheduling of tests with laboratory personnel. Each lift shall be tested in conformance with CW 3170. All density and proctor testing performed by the Contract Administrator during the performance of the Work shall be conducted at City's cost. Any retesting due to faulty workmanship shall be at Contractor's expense.
Add:	3.5.4.2	Should the Contractor require additional testing to verify densities and liner permeability, the additional testing shall be done at the Contractor's cost.
Revise:	3.5.6 to read:	Soil sampling for permeability testing is to be completed between May 15 and October 15, if soil sampling is proposed beyond this time frame obtain approval from Contract Administrator. Contractor shall be responsible to arrange and schedule drill rig, testing personnel, and coordinating the attendance of all personnel. Promptly report all test results to the Contract Administrator.
Revise:	3.5.7	Complete Shelby Tube soil sampling at locations directed by Contract Administrator. The drill rig shall have the capacity to drill to the maximum depth of the liner plus an additional 2 m. The drill rig shall be equipped with both standard and hollow stem augers and capable of inserting the Shelby sampling tube in a straight line motion along the center axis line of the tube without lateral displacement. The minimum hole diameter shall be 125 mm.
Revise:	3.5.8	Record test hole logs indicating soil type, depth, and locations of each drill hole. Shelby tube soil samples shall be labelled to identify sample number, location and depth of sample, and date taken. Seal soil samples and deliver to the testing laboratory. Submit a "sealed" laboratory report of permeability test results to the Contract Administrator.

DRAWINGS

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

CONSULTANT DRAWING NO.	CITY DRAWING NO.	TITLE
WL-C0100	1-0601L-A-C0100-001-01D	CIVIL - OVERALL LAYOUT
WL-C0452	1-0601L-A-C0452-001-01D	CIVIL - STANDARD DETAILS - SHEET 2
WL-S0100	1-0601L-A-S0100-001-01D	STRUCTURAL - METERING CHAMBER – PLANS, SECTIONS AND DETAILS
WL-S0101	1-0601L-A-S0101-001-01D	STRUCTURAL - DECANT STRUCTURE - FOUNDATION PLANS, SECTIONS AND DETAILS
WL-S0102	1-0601L-A-S0102-001-01D	STRUCTURAL - POWER DISTRIBUTION ENCLOSURE - CONC. PAD, PLAN AND SECTIONS / DETAIL
WL-S0103	1-0601L-A-S0103-001-01D	STRUCTURAL - DEWATERING PUMP STATION - FTG PLAN, FDN PLAN, PLATFORM AND COVER PLAN
WL-S0104	1-0601L-A-S0104-001-01D	STRUCTURAL - DEWATERING PUMP STATION - SECTIONS AND DETAILS
WL-S0105	1-0601L-A-S0105-001-01D	STRUCTURAL - GENERAL NOTES