Corporate Finance Department
Materials Management Division

713-2014 ADDENDUM 1

REQUEST FOR PROPSAL FOR PROFFESSIONAL CONSULTING SERVICES FOR CONDITION ASSESSMENT OF FIVE UNDERPASS PUMPING STATIONS

ISSUED: August-7-14
BY: Jurgen Friesen
TELEPHONE NO. (204) 986-8063

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE REQUEST FOR PROPOSAL

THIS ADDENDUM SHALL BE INCORPORATED INTO THE REQUEST FOR PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: Ar20131129

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Proposal may render your Proposal non-responsive.

PART D – SUPPLEMENTAL CONDITIONS

Revise:	D4.3(c) to read:	The Underpass FPS should be assessed for reliability under the following general static criteria; structural, geotechnical and municipal criteria, and the following general dynamic criteria; mechanical and electrical. UPS criteria should be evaluated for code compliance where applicable.
Revise	D4.6 (a) (i)	Visually inspect and document condition of the existing ventilation systems – ducting, blower/fan motors, cables and controls, etc. Assess ventilation, temperature, and humidity control; both condition of equipment and apparent adequacy
Delete:	D4.6(a)(iii)	Prepare recommendations to address noise concerns related to fan selection, exhaust and intake orientation and sound attenuation devices such as acoustic lining
Delete:	D4.6(c)(ii)	Preform vibration test for pumps shafts in all of the UPS. A qualified subcontractor will perform installation of vibration sensors and actual vibration testing. Cost for this subcontractor are included in the total engineering services cost estimate
Delete:	D4.6(c)(iii)	Obtain a report from the testing subcontractor pretesting the vibration baseline test results along with an analysis of these results
Delete:	D4.6(c)(iv)	If operating problems are identified, an assessment of the situation will be required and a follow-up action plan and cost estimate would be prepared.
Delete:	D4.6(c)(v)	Co-ordinate tests with WWD electrical and instrumentation personal to enable them to conduct concurrent testing of the station electrical components as applicable
Delete:	D4.6(c)(vi)	Prepare a brief report compiling the vibration test results, the analysis report and recommendations for a remedial action plan as required
Add:	D4.6(d)	Where possible, identify and recommend tests, procedures or analysis methods that should be done and can be reasonably performed to determine pump and pipe reliability and adequacy
Add:	D4.6 (e)	Where possible the consultant may propose evaluation of pump characteristics and operational point on pump curve (if curve available), to confirm proper sizing and operational efficiency.

Revise:	D4.7(a) to read:	Electrical and instrumentation review of electrical panels, control panels (including RTU/Scada systems),breakers, starters, motors, cables & conduits, lighting, alarms, power outlets and receptacles, etc. Electrical components should be evaluated for code compliance, condition, and serviceability with respect to availability of replacement parts
Delete:	D4.7(c)(i)	Prepare a spreadsheet listing the breaker at each station so that WWD staff can undertake a field investigation and document the interrupting capacity of the circuit breakers as described on their nameplates
Delete:	D4.7(c)(ii)	Consult with Manitoba Hydro to identify the fault level at each of these stations.
Delete:	D4.7(c)(iii)	Identify area where the fault level exceed the breaker capacity and develop proposed solutions. In general this will consist of replacing the existing breakers with new breakers of fuses of adequate interrupting capacity.
Add:	D4.7(c) (iv)	Verify if the coordination and interrupting capacity of breakers and fuses at each UPS is optimal for the distribution and recommend any improvements
Add:	D4.7 (c)(v)	Provide professional opinion as to the condition and expected reliability of all electrical protection and control devices and recommend upgrades where advisable due to age, environmental conditions and/or signs of deterioration
Delete	D4.7(d)	Review of Electrical Distribution Phase 2
Delete	D4.7(d)(i)	Coordinate an inspection and test of circuit breakers at all UPS by Siemens service Department (ITE equipment representatives) The tests would include a visual inspection , review of cleanliness, check of contact resistance and an overcurrent trip test. Two or three breakers would actually be tested with a short circuit.
Delete	D4.7(d)(ii)	On the basis of these tests an opinion will be reached as to whether the balance of the breakers in all UPS can be considered to be in an acceptable condition or not.