



# 182-2015 ADDENDUM 4

## PROFESSIONAL ENGINEERING CONSULTING SERVICES FOR THE NORTH END SEWAGE TREATMENT PLANT (NEWPCC) UPGRADE

### URGENT

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

ISSUED: June 26, 2015  
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**THIS ADDENDUM SHALL BE INCORPORATED INTO THE REQUEST FOR PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

Template Version: Ar20150105

**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 A – PROPOSAL SUBMISSION

Replace: 182-2015 Addendum 3 - Proposal Submission with 182-2015 Addendum 4 - Proposal Submission.

The following is a summary of changes incorporated in the replacement Proposal Submission:

Form B (R3) - Summary of all Fees: Added NEWPCC Fire Safety Plan Update to Post Construction Services (Phase 2).

Form B (R3) - Summary of all Fees - Excel: Added NEWPCC Fire Safety Plan Update to Post Construction Services (Phase 2).

### PART B – BIDDING PROCEDURES

Add: B9.6.2 Legal Services for the NEWPCC Upgrade Project will be provided by the Legal Services Department of the City and/ or with assistance from external Legal Advisor engaged directly by the City. The cost for procuring and engaging the external Legal Advisor shall not be included in the Consultants' Fees.

Add: B12.3(a)(iii) PART G – Special Services

Add: B12.3(e)(iii) Thermal hydrolysis Pre-selection and Procurement Conditions and Contract Administration Services in PART G – Special Services.

Revise: B16.4 to read: Proponents are advised that the City will engage the Services of a third party Cost Consultant, **Partnering Consultant** and Fairness Advisor and may engage a Legal Advisor for Services related to this Project under separate Contracts.

- (a) Any organization that works on this Project (Professional Engineering Consulting Services for the NEWPCC Upgrade) as a Consultant, Subconsultant, member of consortium etc. shall not be eligible to be contracted for or perform services under the contract for a Cost Consultant, **Partnering Consultant**, Fairness Advisor or Legal Advisor.

## **PART D – SUPPLEMENTAL CONDITIONS**

Revise: D11.2(c) to read: Professional Errors and Omissions Liability insurance including:  
(i) An amount not less than **\$10,000,000 per claim and \$10,000,000 in the aggregate**. ~~This limit can be met through a combination of primary and excess policies.~~

## **PART E – OWNERS ADVOCATE DESIGN BUILD SERVICES**

Add: E3.3.4(a) The Consultant shall also review and provide comments on the following WSTP Design Guidelines included in Appendix 26 to 30. The intent of the review is to ensure that the WSTP Design Standards will provide the appropriate framework for the NEWPCC Upgrade work.

- (i) Architectural Design Guideline
- (ii) Building Mechanical Design Guideline
- (iii) Civil Design Guideline
- (iv) Process Mechanical Design Guideline
- (v) Structural Design Guideline

Revise: E3.3.5(j)(iii) to read: location of flow meters and sampling points from **sewage influent to the outfall**.

Revise: E3.3.10 to read: Develop and provide a critical path schedule from **WSTP Level 2 Design to turnover to operations**.

- (a) The level of detail shall be such that it clearly conveys the significant activities related to the various Project components with their inter-dependencies and anticipated construction sequences.
- (b) The schedule shall include interdependences with the DB Project
- (c) The schedule shall be configured suitable for use by Microsoft® Office Project 2010.

Revise: E4.3.2(a) to read: The OA shall develop and provide a critical path schedule for the project covering the design build operation from **Procurement Services** to turnover to operations.

Add: E.4.3.11 (h) The Consultant shall provide detailed engineering cost estimates as follows:

- (i) The cost estimate shall be based on the DBB procurement model
- (ii) The cost estimate shall be broken down into detailed design, contract administration (resident and non-resident) and commissioning.
- (iii) The cost estimate shall be based on and include a list of all deliverables required for the project, including drawings for all disciplines. The drawings should be by type of drawing, per area and process, but do not need to be individually named.
- (iv) The cost estimate shall include work activities, number of hours per work activities/deliverables and disbursements. This shall be broken

out for each discipline. Where blended rates are utilized provide justification based upon rates for each job function.

Revise: E6.8(c)(ii) to read: not be required to attend training classes provided by equipment manufacturers or software integrators **outside the City of Winnipeg**;

Add: E7.4.1 Update the NEWPCC Fire Safety Plan (Appendix 31) in consultation with the WSTP, as required, to reflect the upgraded site. Include the Administration and Maintenance buildings indicated in Part F.

## **PART F – PROFESSIONAL ENGINEERING DESIGN BID BUILD SERVICES**

Revise: F3.2 to read: The Consultant shall coordinate this work with the **Consultant's scope of work indicated in PART E and PART G.**

Revise: F3.4.2(c)(i) to read: The **Consultant** shall maintain a comments log in a format acceptable to the City. The log shall include as a minimum comments on all deliverables and action on the comments

Add: F3.4.5(k) to read Develop and provide a critical path schedule from WSTP Level 2 Design to turnover to operations.

Revise: F3.6.7(d) to read: Cost shall be **presented** by each building.

Revise: F3.6.10 to read: Cost development document - The **Consultant** shall also provide cost development documents and workshop in accordance with E4.3.13 **with the exception of E4.3.11(h).**

(a) The Cost Development Document and the Cost Consultant workshop shall be separate from that indicated in Part E.

Revise: F4.1.1(d)(vi) to read: The **Consultant** shall commence bi-weekly technical review meetings (including preparation of minutes) with the WSTP after the acceptance of 70% complete drawings until the acceptance of all work in the Detailed Design

Revise: F4.5(e)(iii) to read: Cost shall be **presented** by each individual tender package prior to tender.

Revise: F6.2(a) to read: Confirm and ensure complete turnover of project documents (Shop drawings, as built drawings, design notes and calculations, software programs and licences etc.) to the City by the **Contractor and RFP 182-2015 Consultant** and that documents are in conformance with the contract;

## **APPENDICES**

Add: Appendix 26 WSTP Architectural Design Guideline

Add: Appendix 27 WSTP Building Mechanical Design Guideline

Add: Appendix 28 WSTP Civil Design Guideline

Add: Appendix 29 WSTP Process Mechanical Design Guideline

Add: Appendix 30 WSTP Structural Design Guideline

Add: Appendix 31 NEWPCC Fire Safety Plan

## **QUESTIONS AND ANSWERS**

- Question 2: Does the City have inventories on heavy metals and PCB's for NEWPCC similar to Asbestos?
- Answer 2: There are no inventories for PCB's or heavy metals. However, PCBs could exist in some power factor correction capacitors. City is not aware of any other PCBs on site associated with the scope of work.
- Question 3: Do the NEWPCC existing P&IDs need to be updated into smart P&ID's?
- Answer 3: If the P&ID is modified such that any new equipment is added to the P&ID, then the entire P&ID should be redrawn in smart P&ID software.
- Question 4: Do existing equipment, instruments etc. that will be reused as part of the upgrade need to be retagged in accordance with Appendix 12?
- Answer 4: Only equipment and instruments in buildings that are being modified as part of the DB project shall be re-identified. Buildings (such as UV) which may not be modified do not need to be retagged. Equipment on redrawn P&IDs should be re-identified.
- Question 5: Are the asset data schedules indicated in E4.3.1(k) and F4.7.4(a) required for existing assets?
- Answer 5: An asset data schedule showing new and existing assets should be provided for new and modified process areas. Process areas that are not being modified in any way do not need an asset schedule. For process areas with minimal modifications (< 10%), the asset data schedule may be comprised of new and removed assets only (not existing).
- Question 6: Are SOPs, JHA, operations manual, LOTO documents indicated in E7.4 required for existing assets?
- Answer 6: All existing assets that will be reused do not require SOPs, JHA, operations manual or LOTO documents.
- Question 7: Is it okay for the Consultant teams working on Part E and G communicate together even though the work carried out under Part G shall not be carried out in the co-located office space?
- Answer 7: Yes except:
1. when the thermal hydrolysis pre-selection bids are received and
  2. during the evaluation period for the thermal hydrolysis pre-selection.