



# 463-2022 ADDENDUM 2

## NEWPCC PRIMARY CLARIFICATION UPGRADE PROJECT

### **URGENT**

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

ISSUED: October 18, 2023  
BY: Matt Kowalski  
TELEPHONE NO. 204-477-5381

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID/PROPOSAL AND SHALL FORM  
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2021-03-05

**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.**

### **FORM B: PRICES**

Replace: 463-2022 Form B: Prices with 463-2022 Addendum 2 - Form B: Prices. The following is a summary of changes incorporated in the replacement Bid/Proposal Submission:

- Form B(R1): Revised to make the Unit Price column fillable
- Form B(R1): Added base cost line items for standardized equipment

### **PART B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, **November 10, 2023.**

### **APPENDICES**

- Add: Addendum 2-Appendix\_A City Standards
- Add: Addendum 2-Appendix\_B Primary Clarifier Asbestos Report
- Add: Addendum 2-Appendix\_C Pre-purchased Equipment
- Add: Addendum 2-Appendix\_D Test Forms
- Add: Addendum 2-Appendix\_E IO List
- Add: Addendum 2-Appendix\_F Instrumentation List
- Add: Addendum 2-Appendix\_G Process Control Narrative
- Add: Addendum 2-Appendix\_H Alarms and Setpoints
- Add: Addendum 2-Appendix\_I Circular Primary Clarifiers Record Drawings
- Add: Addendum 2-Appendix\_J Geotechnical Report

## **NMS Specifications**

### Section 31 23 23 Excavation and Backfill for Structures

- Revise: 3.9.1 to read: Testing of materials and compaction must be carried out by laboratory approved by City.
- Revise: 3.9.1.1 to read: The Construction Contractor shall pay for all testing as specified in Section 01 29 83.

### Section 21 05 01 Common Work Results for Mechanical

- Revise: 1.18.5.4 to read: Air Handling Units - Indoor or Outdoor Pre-manufactured  
Trane, Engineered Air, McQuay, Haakon, Scott Springfield, **Daikin**
- Revise: 1.18.5.13 to read: Condensers - Air Cooled Refrigerant  
Trane, Carrier, Engineered Air, Keeprite, **Daikin/Aaon**
- Revise: 1.18.5.18 to read: Dampers - Control  
Price, Nailor, Ruskin, Tamco, **Alumavent**
- Revise: 1.18.5.20 to read: Dampers - Backdraft  
Aiolite, Vent-Aire, Penn, T.A. Morrison, **Ventex/Continental Fan**
- Revise: 1.18.5.41 to read: Makeup Air Units - Packaged  
Engineered Air, McQuay, Reznor, **Daikin**
- Revise: 1.18.5.56 to read: Tank – Diaphragm/Bladder Type Expansion  
Amtrol, Hamlet and Garneau Inc., **Bell & Gossett**
- Add: 1.18.5.77: Wall Caps  
Reversomatic/Broan

### Section 22 10 10 Plumbing Pumps

- Add: 2.2.11.2: Bell & Gossett Grinder Pump

### Section 41 12 13.37 Bin Covers

- Add: 1.1.3: Two (2) standard 20-yard roll-off bins will be provided by the City.

### Section 44 31 00 Skid Mounted Carbon Adsorption Odour Control System

- Add: 2.1.1.4: BIOREM Technologies Inc

## **QUESTIONS AND ANSWERS**

- Q1: How to apply for requests for approved equal?
- A1: Please note that together with the requests, the submittal must be accompanied by a copy of the relevant section of the specifications or plans with any exceptions to the contract documents clearly marked up and explained or provide a statement indicating full compliance with contract documents.
- Q2: Please provide the Appendix's A to H as mentioned in the tender document on page 40.
- A2: The Appendices are attached to this Addendum.
- Q3: Please provide the cable schedule for power and instrumentation.
- A3: Electrical cables, tags, types, sizes, and accepted manufactures are provided in the contract documents, refer to spec section 26 05 21 and drawings (ESLD, EMCL, ESLD, EWDG, EGRD). For Automation cables, tags, types, sizes, and accepted manufactures are provided in the contract documents, refer to spec section 40 91 011 and drawings (AILD, ANET, AIFS).
- Q4: Please provide an equipment list for electrical and instrumentation.
- A4: Refer to tender documents Appendix F for instrument list, and location plan drawings (AGAD and EGAD) for electrical major equipment.
- Q5: Can you organize a site visit?
- A5: We will organize one site visit per general contractor bidding team. General contractors should coordinate with their subcontractors/trades to bring them on the site visits.
- Q6: The Scum Dewatering Building excavation and main underground services corridor are located very near the existing Primary Clarifier 1. Please provide As-Built Structural Drawings of Primary Clarifier 1.
- A6: Available record drawings relative to the circular primary clarifier are attached.
- Q7: Can the trees in the laydown area adjacent to the digester gas handling sphere be removed? Drawing 1-0101-CLYT-Y003 shows approximately 5 trees in this area.
- A7: Trees to east of access road can be removed. For now, however the trees to the west of the access road must remain and be protected.
- Q8: Where can the Contractor access temporary power for construction use on the site?
- A8: The contractor shall arrange with Manitoba Hydro for temporary power for construction according to 01 51 00.
- Q9: Regarding specification section 09 97 23 Page 3 of 6. Please confirm "Chemical Room Floors" is in reference to the Polymer Room M-103 only.
- A9: Yes, this is in regards to the Polymer Room.

- Q10: Please confirm all hazardous material removal shall be paid under Form B Item 15. Further, confirm that costs for hazardous material handling or removal should not be included for by the Contractor elsewhere in Form B. Confirm hazardous material removal is not incidental to any pay items except Form B item 15.
- A10: Yes, all hazardous material removal is under extra work allowance and is not incidental.
- Q11: Form B is protected/ locked for editing. Can a Fillable Form B please be provided? Typically, we see all cells locked except the unit price column where we can enter the unit price values. The "Amount" column then auto-calculates and is locked. The Total bid price also auto-sums the "Amount" column is locked.
- A12: Revised version will be uploaded on MERX.
- Q13: Spec Section 01 29 83 states that the Construction Contractor will pay for "Compaction testing with a nuclear densometer or a standard proctor test." Section 31 23 23 states that "City will pay for costs for inspection and testing." Please clarify if densometer/ proctor compaction testing specified will be paid for by the Construction Contractor or the City.
- A13: Contractor to pay for all testing as specified in Section 01 29 83.
- Q14: Section 07 52 00 states:  
"Inspection and testing of roofing application will be carried out by testing laboratory designated by Contract Administrator. Costs of tests will be paid under cash allowance of \$5000."  
Please confirm if the \$5000 is included under Form B item 15.
- A14: Yes, it is included under Form B item 15.
- Q15: Please provide the project geotechnical report which should include test hole logs referenced in spec 31 63 19.11.
- A15: Attached.
- Q16: With reviewing the specs from addendum 1, Please provide the preferred manufacture for the fire alarm system. Its mentioned fire alarm needs to be integrated with the existing system can this be accomplished with relays or does it need to be networked with the same manufacture? Please provide the fire alarm spec that can be provided for the fire alarm equipment?
- A16: Per NBC 3.2.4.1, Fire alarm system is not required for De-Watering building as indicated in DWG 1-0101-BGAD-P001 "Building Code Analysis".  
Localized smoke detectors are installed through out the building to communicate with building PLC for alarm indication. Refer to following drawings for smoke detectors type, model, wiring diagrams and locations. 1-101-AILD-P905 to P910 and 1-0101-AFAS-P001 to P003.
- Q17: With reviewing the specs from addendum 1, Please provide the preferred manufacture for the card access system and security. Please provide the card access system and security spec. and any requirements that can be provided for the card access system and security equipment.

A17: Access card manufacture is listed in tender specifications document, refer to section 40 90 01 2.26 "CARD ACCESS READER" for details. Also refer to DWG 1-0101-MPID-P901, 1-0101-ESCY-P001 and 1-0101-AGAD-P002 for further wiring details. All Access Card Readers will be wired to City provided Network Cabinet in the electrical room to communicate with plant security system.