



197-2022 ADDENDUM 4

NEWPCC INTERIM PHOSPHOROUS REMOVAL

URGENT

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

ISSUED: July 25, 2022
BY: Prasan Silva
TELEPHONE NO. 204 318-2202

**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.

PART A: BID SUBMISSION

Replace: 197-2022_Addendum_2-eBid_FormB.xlsx with 197-2022_Addendum_4-eBid_FormB.xlsx

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

Form B(R2): Added separate sections for supply of Standardized Goods - Base Cost (Section H) and Separate Price 1 -Parking Rail Spur (Section I).

PART B - BIDDING PROCEDURES

Revise: B2.1 to read:

The Submission Deadline is 12:00 noon Winnipeg time, **July 28th, 2022.**

Add: B11.1.3 The Bidder shall state a separate price in Canadian funds for each of the following items of Work on Form B: Prices:

- (a) Separate Price – Section I shall be the amount to be deducted from the Total Bid Price if Section I – Parking Rail Spur is deleted in accordance with the Specifications.

Revise: B19.4 to read:

Further to B19.1 (c), the Total Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices adjusted, if necessary, as follows:

- (a) if the lowest evaluated responsive Bid submitted by a responsible and qualified Bidder is within the budgetary provision for the Work, no adjustment will be made to the Total Bid Price; or

- (b) if the lowest evaluated responsive Bid submitted by a responsible and qualified Bidder exceeds the budgetary provision for the Work, the Total Bid Prices of all responsive Bids submitted by responsible and qualified Bidders will be adjusted by deducting Section I until a Total Bid Price within the budgetary provision is achieved.

Add: B19.5 Further to B19.1(c) the Award Authority may reject a Bid Submission as being non-responsive if it exceeds the funds available as shown in D3.4.

PART D - SUPPLEMENTAL CONDITIONS

Add: D3.4 The funds available for this Contract are \$12,500,000.00

PART E - SPECIFICATIONS

Add: E15. SUPPLY AND INSTALLATION OF TEMPORARY SHORING

E15.1 Description

- (a) This Specification shall cover shoring requirements for the Works related to the construction of Building 101 (Ferric Chloride Building) and Building 102 (Sodium Hydroxide Building) foundations. The shoring is required to protect the existing Railcar Shelter foundation as well as the roadway north of Building 101. In addition, this specification shall cover any miscellaneous shoring required
- (b) as part of the foundation installation as stipulated by the Department of Labour of the Government of Manitoba "W210 The Workplace Safety and Health Act".

E15.2 Construction Methods

E15.2.1 Excavation

- (a) Remove excavated material from the Site. Excavated material shall not be stockpiled on-site unless it will be used as backfill.
- (b) All working areas below grade shall be kept adequately and securely supported during and after excavation until the shoring and bracing is in place to prevent loss of ground or injury to any person from falling material.

E15.2.2 Excavation Security Fence

- (a) Further to Clause 3.1 of CW 1130, completely cover the excavation and provide a security fence to completely surround the excavation when unattended generally in accordance with the following.
- (b) Security fence shall be chain link fence or approved equal, a minimum 1.80 metres high with metal support posts embedded far enough into the ground and spaced close enough together so the fence will not sag or collapse.

- (c) Attach fencing securely to posts.
- (d) Secure the gate or end of the fencing to a post with chain and a padlock.
- (e) Provide alternate security fence proposal to Contract Administrator for approval.

E15.2.3 Shoring

- (a) The type, strength, and amount of shoring and bracing shall be such as the nature of the ground and access conditions may require, taking into account property lines, existing slopes, utilities, roadways and existing structures.
- (b) Shoring and bracing shall be so spaced and dimensioned as to prevent caving, loss of ground, surface settlement, or squeezing of the soil beyond the neat lines of excavation. It shall be free from defects that might impair its strength or suitability for the Work. Sheeting/shoring and bracing shall conform to the latest revisions of the "Construction Safety Act" of the Department of Labour of the Government of Manitoba and in accordance with Province of Manitoba "W210 The Workplace Safety and Health Act" and "Guidelines for Excavation Work".
- (c) Supporting design calculations as required to facilitate review of the submission for conformance with the Contract documents.
- (d) Submit AutoCAD shop drawings and design calculations for the shoring/excavation system designed and sealed by a Professional Engineer registered or licensed to practice in the Province of Manitoba and experienced in the structural design of shoring systems. The designer of the shoring system shall inspect the system during construction and certify, in writing to the Contract Administrator, that construction is in conformance with the approved design.
- (e) Shoring and bracing shall be installed such that the structure size and wall thickness shown on the shop drawings can be achieved subsequent to installation of the shoring system.
- (f) Shoring and bracing shall be designed and installed to prevent settlement and damage to existing structures, including roadways. In the event of damage, the Contractor will be held liable, and shall be required to provide appropriate restoration at his cost, to the satisfaction of the Contract Administrator.

E15.3 Measurement and Payment

E15.3.1 Shoring costs for Building 101 shall be incidental to the concrete installation costs for Building 101. Shoring costs for Building 102 shall be incidental to the concrete installation costs for Building 102. Said price shall be payment in full for supplying all materials and performing all operations herein described and all other items incidental to the Work included in this Specification.

NMS Specifications:

SECTION 28 08 00 - TESTING OF ELECTRONIC SAFETY & SECURITY SYSTEMS

Add: 3.4.4 The hardware requirement for the failover Streamvault server is as follows:

Genetec Part #	Description
SV-2011E-R4-24T-8-236	DELL PowerEdge R340
	2x 240 GB SSD (RAID 1)
	Xeon E-2236

	2x 1GbE NIC
	16GB Memory
	2x 350W power supply
	3x 8TB SATA HD
Software	Genetec 5.10 Security Center

Appendices:

Replace: 197-2022_Addendum_3-Appendix M – Datasheets_R1 with 197-2022_Addendum_4-Appendix M – Datasheets_R2

Drawings:

Replace: 197-2022_Drawing_1-0101-ACBD-G201-002_R0 with 197-2022_Addendum_4-Drawing_1-0101-ACBD-G201-002_R1

Replace: 197-2022_Drawing_1-0101-ACBD-Y201-002_R0 with 197-2022_Addendum_4-Drawing_1-0101-ACBD-Y201-002_R1

Replace: 197-2022_Addendum_2-Drawing_1-0101-EDTL-F005-001_R1 with 197-2022_Addendum_4-Drawing_1-0101-EDTL-F005-001_R2

Replace: 197-2022_Drawing_1-0101-EGAD-F208-001_R0 with 197-2022_Addendum_4-Drawing_1-0101-EGAD-F208-001_R1.pdf

Replace: 197-2022_Drawing_1-0101-ESCY-F201-001_R0 with 197-2022_Addendum_4-Drawing_1-0101-ESCY-F201-001_R1.pdf

Add: 197-2022_Addendum_4-Drawing_1-0101-CGAD-F211-001_RA

Add: 197-2022_Addendum_4-Drawing_1-0101-CGAD-F212-001_RA