



277-2025 ADDENDUM 3

NEWPCC BOILER REPLACEMENT 2025-2026

URGENT

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

ISSUED: April 30, 2025
BY: Prasan Silva
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**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 B - BIDDING PROCEDURES

Delete: B19.3 The Work of this Contract is contingent upon Council approval of sufficient funding in the 2025 Capital Budget. If the Capital Budget approved by Council does not include sufficient funding for the Work, the City will have no obligation to award a Contract.

PART D - SUPPLEMENTAL CONDITIONS:

Add: D3.3.(b) (xvi): Demolish and remove existing boiler 1 and 2 natural gas safety shutoff valves. Retain existing power and control wiring for reuse. Install two (2) new natural gas safety shutoff valves per boiler. Reconnect existing power and control wiring to the new valves once they are installed.

Add: D3.3.(b) (xvii): Demolish and remove existing boiler 1 and 2 natural gas automatic vent valve. Retain existing valve power and control wiring for reuse. Install one (1) new automatic vent valve per boiler. Reconnect existing power and control wiring to the new valves once they are installed.

Add: D3.3.(b) (xviii): Commission and verify performance of boiler 1 and 2 natural gas valve train and associated systems with new safety shutoff valves and automatic vent valves installed.

NMS SPECIFICATIONS:

Section 23 05 05 INSTALLATION OF PIPEWORK

Add: 3.2.5 Existing 300mm (12") Pipe Mains Information:

- .1 Pipe Wall Thickness: Unknown (Assume existing 12" pipes were originally STD wall (0.375") for bidding purposes. Contractor shall perform NDT at tie-in locations to confirm existing pipe wall thickness, as outlined in this specification.)
- .2 Product in the line: Treated hot water in hydronic heating loop
- .3 Maximum Design Pressure: 1100 kPa (160 psi)
- .4 Maximum Design Temperature: 121 °C (250 °F)

- .5 Maximum Operating Pressure: Normal operating 552 kPa (80 psi)
- .6 Maximum Operating Temperature: Normal operating 115 °C (239 °F)

Section 23 52 00 – HEATING BOILERS

- Add: 1.1.2.2 Contractor shall retain services of a third-party testing agency approved by ITS for field approval of natural gas and digester gas trains of each boiler in coordination with the boiler manufacturer's representative.
- Add: 1.1.2.3 Contractor is responsible for the coordination of boiler delivery such that they arrive on site after the removal of the existing boilers B-5A, B-5B, and associated pumps and completion of the new housekeeping pads in the spring of 2026. Contractor is responsible for off-site storage of the new boilers, should they arrive prior to pouring the new housekeeping pads.

Section 27 29 05 – INSTRUMENTATION AND CONTROL SYSTEMS

- Add: 1.1.1.7 Contractor shall supply, install, connect, calibrate and commission instrumentation and control devices as indicated on the P&IDs, loop drawings, I/O list, and instrument list. This includes but is not limited to: instrumentation within the new vendor packages, new loose-shipped vendor package instrumentation, instrumentation external to the vendor package required for the full functionality of the boiler upgrade, and instrumentation affected by the new MCC installations.
- Add: 1.1.1.8 Contractor shall reconnect existing instrumentation that is required to be relocated and/or reconnected as part of the boiler and MCC upgrades. Demonstrate that the reconnected devices are operating within reasonable similar tolerances to their original installation.
- Add: 1.1.1.8.1 Prior to any disconnection, for all instrumentation and control devices to be reconnected, submit to the Contract Administrator documentation of existing signal readings and termination points.
- Add: 1.1.1.8.2 Following reconnection, Contractor to perform loop tests. Document the signal readings on the loop check sheets as indicated in the Commissioning Plan. Update the I/O list with termination information to facilitate the City programmer's mapping of I/O assignments.
- Add: 1.1.1.9 Contractor shall assist the City in incorporating the instrumentation to the City's PCS. It is the contractor's responsibility to ensure that the instrumentation communicates all required signals at appropriate levels to the City's control panel.
- Add: 1.2.1.4 Supply of plant PLC control panel with spares required to terminate all new I/O.
- Add: 1.2.1.5 Provision of space within the enclosure for Contractor-supplied switch and contractor-supplied switch supporting infrastructure.

APPENDICES:

- Replace: 277-2025_Appendix B-Commissioning Plan with 277-2025_Addendum_3_Appendix B-Commissioning Plan-R2

DRAWINGS:

Electrical and Automation

- Replace: 277-2025_Drawing_1-0101-EMCL-B006-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B006-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B007-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B007-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B008-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B008-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B009-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B009-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B010-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B010-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B011-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B011-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B012-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B012-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B013-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B013-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B014-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B014-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B015-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B015-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B016-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B016-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B017-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B017-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B018-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B018-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B019-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B019-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B020-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B020-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B021-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B021-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B022-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B022-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B023-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B023-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B024-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B024-001-R1
- Replace: 277-2025_Drawing_1-0101-EMCL-B025-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B025-001-R1

DRAWINGS: CONT'D

Replace: 277-2025_Drawing_1-0101-EMCL-B026-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B026-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B027-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B027-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B028-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B028-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B029-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B029-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B030-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B030-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B031-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B031-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B032-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B032-001-R1

Replace: 277-2025_Drawing_1-0101-EMCL-B033-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-EMCL-B033-001-R1

Replace: 277-2025_Drawing_1-0101-AGAD-BD01-001-R0 with 277-2025_Addendum_3_Drawing_1-0101-AGAD-BD01-001-R1

Add: 277-2025 _Addendum_3_ Drawing _1-0101-EMCL-B034-001-R0