ADDENDUM No. 5

REQUEST FOR PROPOSAL (RFP) FOR

PRC 22-12 – Municipality of North Grenville Pool House

Date of Addendum No. **5** Issued: July 19, 2022

Addendum Issued By:

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The Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondent shall take this Addendum into consideration when preparing and submitting its Proposal.

Purpose of Addendum:

The purpose of this Addendum is to:

- Provide written responses to proponents' questions
- Provide Supplemental Instructions to Proponents

Please include a signed (below) copy of this addendum in its entirety in each proposal submission.

_____	_____	_____
Company	Company Representative	Date (DD/MM/YYYY)

SUPPLEMENTAL INSTRUCTIONS

The following changes are effective immediately and are to be incorporated into the tender documents:

CIVIL DRAWINGS:

1. New water service connection to the Armoury building is to be upsized to 50mm.

2. From the existing FH on Reuben Cr. to the limit of the roadway near the Legion, the WM is to be located east of the existing sanitary sewer and shall have a 2.5m horizontal separation from the sanitary sewer from edge of pipe to edge of pipe. The WM alignment running adjacent to the Legion shall remain as shown.

3. The proposed hydrant adjacent to the Legion to be pushed back to the property line, and only the two bollards facing the roadway will be proposed.

4. The existing 2" water service running up Reuben Cres. Is to be abandoned in place rather than removed to prevent further excavation.

5. Commissioning of the water main to be completed under supervision of a municipally licenced water operator.

End of Civil Addendum.

QUESTIONS AND WRITTEN RESPONSES

Q1. Please confirm if we are responsible for connecting the new 25mm water service to the armory building. There is no connection work shown on the mechanical plans and the civil plans show the new water service capped beyond the curb stop.

A1. Yes, the new water service is to be connected to the armory building. This is to be upsized to 50mm. The Civil design terminates 1m from the foundation wall as shown. A mechanical team will need to confirm the connection details. (Note this same situation also applies to the legion building)

Q2. Please provide specifications on the door hardware and keying for each opening. There are no sections in the specifications detailing the door hardware. Electrical plans show operators and universal washroom kits, please confirm acceptable manufacturers/ products for these items.

A2. Refer to Addendum #3 submission.

Q3. A physical address and an email address are both listed for tender delivery on closing date. Please confirm that email bids will be accepted to mashby@northgrenville.on.ca

A3. Yes, email bids will be accepted to mashby@northgrenville.on.ca

Q4. There are no hardware specifications. Section 08 71 60 makes reference to Section 08 71 00 Door Hardware, but this section was not provided. Please send as soon as possible.

A4. Refer to Addendum #3 submission.

Q5. The transformer pad and duct bank reference a Hydro Ottawa specification. Shouldn't it be a Hydro One specification?

A5. The reference to Hydro Ottawa spec is in the USI Structures detail which is provided in the electrical drawings for reference only to transformer base and transformer pad.

Q6. Please clarify the reinstatement structure required for the watermain trench onto Reuben Crescent and the parking lot. (Thickness of GB, GA, asphalt base and wear course).

A6. Reinstate such that existing conditions are matched or meet OPSD 509.010. Refer to detail attached to Addendum #4 for reference.

Q7. A Geotechnical Report and Designated Substance Report are noted in Section 00 31 00. Please provide access to these documents.

A7. Refer to Addendum #3 submission.

Q8. Drawing E-200 Lighting Layout type C fixtures on the exterior walls (tilt-up panels) are the holes for the boxes for the fixtures predrilled or do we have to drill them thru the concrete panels. Please clarify.

A8. Any drilling work required on the exterior walls for the light fixture boxes will be done by the General Contractor.

Q9. Due to all precast panels and masonry walls are all outlets surface?

A9. Provide recessed outlets wherever possible inside the building. Where recessed outlets are not possible on masonry walls, provide surface outlets.

Q10. C100 – Please confirm the new watermain(s) shown run along the centre line of the roadway therefore requiring road closure, traffic control and reinstatement of the road way?

A10. The watermain location should be moved to the east lane rather than the middle of the road. This would ensure one lane can remain open during construction with traffic control to accommodate. This will also provide a minimum separation distance of 2.5m between the sanitary main and water main. Service crossing will require excavation across the road with proper traffic control measures.

Q11. C100 – Please confirm the extent of the replacement of the roadway – are we to patch or replace the asphalt roadway in its entirety?

A11. In keeping the watermain relocation to the east lane, only one lane should be replaced and the appropriate trench width for the service crossings.

Q12. C100 – Please confirm if there are restrictions on when the new watermain installation may take place?

A12. Timing must be planned to ensure asphalt can be placed within 2 weeks of the excavation being complete along Reuben Cres.

Q13. Please confirm if the R50 Insulation in the roof assembly can be blown-in fibreglass R-50 / 18" thickness? Our suppliers have stated R40 is the highest rating readily available.

A13. Refer to Addendum #3 – Blown in fibreglass insulation is acceptable to R60. Blown in cellulose insulation will not be accepted.

Q14. Please confirm if the Adult Change Table in Universal WR 110 is included? 10 28 10 Item 2.1.5.2 Adult Change Table states the change table is to be supplied and installed by the contractor.

A14. Refer to Q33 in Addendum #3.

Q15. Drawing C100 R0 watermain note 9 states that valve boxes shall be a 130mm diameter slide valve box; however, the drawings itself calls out 150mm VB per OPSD 1100.011, which is a cast-in-place chamber. Please confirm which is correct.

A15. Callout is correct, use 150mm VB (per OPSD 1100.011).

Q16. Drawing C100 R0 watermain note 7 states that water services laterals shall be 25mm Type K copper; however, the drawings itself calls out 19mm in 2 locations. The watermain schedule I assume is calling out the 25mm; however, it states 25 services. Please confirm that that all lateral water services are in fact 25mm Type K copper.

A16. #19 and #21 Reuben Cr. will have 19mm water services (Drawing is correct, water schedule to be updated to reflect 19mm water services)

Q17. Drawing C100 R0 states to remove the existing 2" water service. Can you confirm whether this service is PVC? Can this line be abandoned instead of removed?

Q17. Refer to Note #4 under Supplemental Instructions. Existing 2" water service to be abandoned in place.

Q18. Please confirm if the General Contractor is to carry for the supply and installation of the rink chillers and cooling system? The cooling pipes for the rink must be installed during construction however they are not detailed anywhere in the plans and specs and there is no cash allowance for these items.

A18. Yes, GC is to carry the supply and installation of the chillers and cooling systems. The cooling system supplier should be able to provide pricing for the cooling pipes based on ice rink size.

Q19. The only references to the Ice Rink Plant Equipment are shown as NIC on the mechanical. The architectural plans show the polyethylene cooling lines but no layout or piping schematic is provided. There is no reference to supply or return lines for the rink cooling system on the mechanical, civil or site plan either.

A19. Ice rink plant equipment and cooling lines shall be provided, as a package, for the work of this tender. Detail design will be provided in the form of shop drawings by the selected supplier.

Q20. Will there be a need for fire alarm or security panel?

A20. At this time, no.

Q21. Electrical/ Mechanical Demo scope. What is to be demoed in the existing building?

A21. All Mechanical and Electrical, in the areas noted to be demolished on the Architectural Drawing A100, Mechanical/ Electrical equipment shall be removed. Electrical terminations should be backed at the panels and coordinated with new work.

Q22. Will there be a need for power to future ice cleaning building?

A22. At this time, no.

Q23. Are we responsible for data drops or conduit for data cables to be installed at a later date?

A23. Three data drops shall be provided in the existing building, and one in the new building. Exact locations to be confirmed after contract award.

Q24. Will as-builts of the existing building be provided?

A24. Limited drawings of the existing building can be provided upon award.

Q25. Please confirm the proposed project schedule.

A25. Week of August 1/22

- Issue Intent to Award and/or issue CCDC2 Contract

Pool house remains operational to Labour Day

August 8/22

- GC to begin mobilization

November 15/22

- New Ice slab turned over for winter use (Ice equipment not required to be operational)

December 21/22

- New and Existing buildings weather tight. Temporary closers in doors and windows if necessary.

June 2023

- Substantially complete, and Splash pad operational

Q26. Confirm access to existing parking lot for staging area.
A26. A portion of the parking lot, or other area on the site will be provided for staging.

Q27. Confirm the allowance to be carried for all possible Structural Engineering.
A27. Refer to Q7 in Addendum #3

Q28. Please confirm the exact Insurance Requirements. If Wrap Up and/or Builders Risk is required, please provide the exact information to satisfy the insurance company's requirements in order to provide a comprehensive estimate. Refer to questions in the application form attached.
A28. The General Contractor shall carry separate Commercial General Liability (CGL) Insurance (Wrap-up) and Builder's Risk Insurance: in the amount of $5m or greater.

Q29. Confirm who is responsible for the road closure permits and associated costs to complete the new water main installations. Should there be an allowance?
A29. General Contractor is responsible for all associated work, there will be no allowance.

Q30. As discussed at the project showing, please confirm the Hydro One Allowance.
A30. **SERVICE ALLOWANCE**

.1 Contractor is to carry a $30,000 allowance for work by Hydro One for this project. Allowance does not include overhead and profit. Electrical Contractor to include overhead and profit in contract price. Extra for failure to do so will not be considered. Any increase in cost from Hydro One will be paid by Owner and any decrease will be credited to Owner. This allowance is not to be used for temporary power during construction. Electrical Contractor is to coordinate supply and installation of

equipment with Hydro One.

.2 Work by Hydro One

.1 Provide 3 phase primary fused pole switches and terminate customer owned primary cable at pole & transformer.

.2 Complete installation of customer owned CSA approved primary cable up the pole.

.3 Provide 3 phase pad-mount transformer with 347/600V secondary to accommodate a 400A service.

.4 Provide the P-Base meter enclosure for metering.

.3 Work by Electrical Contractor

.1 Supply and installation of the transformer pad, utility structures, or approved equal as per Hydro One requirements rated for a 150kVA

padmount transformer. Initiate the primary U/G riser up to utility pole and in transformer foundation, Hydro One to complete.

.2 Supply and installation of transformer grounding system. Hydro One will specify the transformer and grounding standard on the layout.

.3 Supply and install 3 x 28kV 2/0 aluminum concentric neutral primary customer owned cable and primary ductbank to ESA standards. Allow for additional length of primary conductor at transformer base and at pole per Hydro One requirements (wrap base 3 times, 3m at pole).

.4 Supply and installation of secondary ductbank, cables and ground from transformer to service entrance. Hydro One will terminate in the transformer foundation.

.5 Installation of Hydro One supplied, 3x400/5 ct's, 3x360/120 pt's inside metering cabinet inside main Electrical Room as per Hydro One specifications.

.6 Installation of a P-Base metering cabinet supplied by Hydro One, to be mounted on exterior of building, with access to Hydro One employees.

.7 Installation of 41mm PVC conduit link between meter enclosure and metering ct and pt cabinet for the installation of the wiring harness.

.8 Contact Hydro One for a detailed layout and costing once construction has begun.

Q31. Confirm the number of Paint colors and the finish schedule.
A31. Paint colours to be limited to five colours.

Q32. Is the Contractor responsible for the supply and install of all appliances or is this by owner?
A32. No, owner will supply and install all appliances.

Q33. As per door elevations A and B. Are the 253mm panel above the door fixed (HM/wood) transoms?
A33. Transoms are insulated hollow metal.

Q34. The door schedule has the height at 2134mm. Is that the door opening height or does it include the 253mm transom? If 2134 includes the transom, the door will be a non standard size door.
A34. 2134mm is the door only.

Q35. Type A door elevations shows 2 horizontal lines. Is this a horizontal mullion separating the transom(?) and the doors?
A35. Yes.

Q36. Please specify on drawing 2/A100 which partitions are masonry and which are drywall.
A36. All partitions being demolished are masonry

Q37. Please clarify which one is correct - Drawing A001 shows strapping in ceiling assembly as 38x89 and in ceiling assembly as 19mm.
A37. Drawing A001 Ceiling type C01 strapping can be 19mm thick.

Q38. Please provide details and specifications on interior windows in room 116 - Office.
A38. Interior windows shall be pressed metal frames that wrap the drywall.