**Addendum #4**

# Bid Opportunity: CPS-RFT-25-03 - North Paris Fire Station
# Closing Date: Tuesday, August 19, 2025 2:00 PM

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**Question 1:**

- Metal Building Insulation
o 07 21 16 2.1 Semi-Rigid Roof Insulation-Base Bid. This calls for Rockwool Plus MB by Rockwool.
o May we substitute with CertainTeed CB-110 semi rigid fiberglass. (spec sheet attached).
o Benefits are:
 Meets CAN/ULC S702 Type 1.
 Also semi rigid as specified.
 Reduced cost; about 32% less cost.
 Same R-value; R-4 per inch.
 Less added weight to roof; 1.1 lb. density vs. 2 lb. for the rockwool.
 Easier to compress to fit the often odd purlin spaces on pre-eng buildings.
 Made in Canada.

o 07 21 16 2.2 Blanket Roll Roof Insulation-Base Bid. Calls for blanket roll insulation by Rockwool.
o Rockwool does not have rolled product available in our market.
o In any event, it would not be suitable for rolling over purlins and compressed by standing seam clips.
o May we substitute CertainTeed Canadian Metal Building Insulation. (spec sheet attached).
 Benefits are:
 Meets CAN/ULC S702 Type 1.
 RSI 3.52 (R-20) at 6”; RSI 3.41 (R-19) at 6” called for.

 Perfect for top layer on metal buildings.
 Made in Canada.

o 07 21 16 2.3 Wall and Ceiling Batt Insulation-Base Bid. Calls for standard residential type batt insulation by various mfg.
o May we substitute CertainTeed Canadian Metal Building Insulation.
o Benefits are:
 Meets CAN/ULC S702 Type 1.
 R-28 at 8.5”; R-28 called for.
 Designed for filling wall cavity in metal buildings.
 Made in Canada.

**Answer 1:** Refer to Masri O Architects Addendum #3 item 2.4 and 2.5.

**Question 2:**

Will you accept Carrier Systems as an alternate controls/BAS contractor?

**Answer 2:** Refer to Masri O Architects Addendum #3 item 1.1.

**Question 3:**

Spec section 23 05 11 refers to ductwork being primed painted by mechanical – Is this required? Can we provide satin coat ductwork in leu of priming?

**Answer 3:** Refer to Masri O Architects Addendum #3 item 1.2.

**Question 4:**

Drawing M302 – please confirm sizes for motorized dampers located inside the 4200X600 intake/exhaust louvers

**Answer 4:** Refer to Masri O Architects Addendum #3 item 1.3.

**Question 5:**

We are requesting that Accutemp Systems be listed as an equal as a controls / BAS provider

**Answer 5:** Refer to Masri O Architects Addendum #3 item 1.1.

**Question 6:**

Please confirm that door operators are in the hardware cash allowance.

**Answer 6:** Refer to Masri O Architects Addendum #3 item 1.9.

**Question 7:**

This is a Request for Information (RFI) regarding an alternate product substitution for the Overhead Sectional Doors specified in the contract documents for the North Paris Fire Station project.
We are proposing a Canadian-made, tariff-free alternative.
The proposed system includes Springless sectional door assembly (SDI Model SDS), SDI Safedrive® operator, SDI light curtain safety sensor, and SDI Stop & Go Traffic Light System.
Key Features of the Alternate:
Made and assembled in Canada
Springless design for reduced maintenance and high-speed performance (up to 24”/sec)
SDI Safedrive® operator with integrated safety brake and digital ground-level controls
UL325-approved components and accessories Light curtain and traffic control systems that meet safety and operational requirements
Designed for long-term reliability and energy efficiency
We believe this alternate offers comparable performance and functionality to the specified system while also providing practical advantages in terms of cost, availability, and long-term maintenance.
Please note that we are submitting the supporting documents via email directly to the project contact, as attachments cannot be uploaded through the Bids and Tenders Question Portal.

**Answer 7:** Refer to Masri O Architects Addendum #3 item 1.12.

**Question 8:** Typically we see mezzanines as free standing structures within Pre-Engineered structures but it appears that the structural steel connects

to the Pre-Eng structure in this case. Can you please provide the connection detail for mezzanine framing to Pre-Eng columns?

**Answer 8:** Refer to Masri O Architects Addendum #3 item 1.5.

**Question 9:** Would Veiga Pro press and mega press systems be acceptable for the copper fittings and hydronic heating piping? It is a much better product and traditional copper sweat and threaded. It will also decrease manhours significantly.

**Answer 9:** Refer to Masri O Architects Addendum #3 clarification item 1.8.

**Question 10:** Would it be acceptable to submit Yarnell Doors as an alternate for the Overhead Sectional door?

**Answer 10:** Refer to Masri O Architects Addendum #3 item 1.12.

**Question 11:** Could you please confirm if white melamine on MDF is an acceptable material for the interior of the cabinets?

**Answer 11:** Refer to Masri O Architects Addendum #3 item 2.1.

**Question 12:** Could you please confirm if white melamine on MDF is an acceptable material for the interior carcass of the cabinets?

**Answer 12:** Refer to Masri O Architects Addendum #3 item 2.1.

**Question 13:** Could you please clarify the size and connection details of the pre-engineered endwall frames at the roof level, as shown on Drawing S3.1?

**Answer 13:** Refer to Masri O Architects Addendum #3 clarification item 1.5.

**Question 14:** What are the specified sizes and connection details for the stainless steel handrails and railings at the mezzanine stairs and mezzanine guardrail, as shown on Drawing A9.1?

**Answer 14:** Refer to Masri O Architects Addendum #3 clarification item 1.10**.**

**Question 15:** Are you able to ask if Raynor AV200 Alumaview would be accepted as an alternative to the spec'd Cookson Cornell door?

**Answer 15:** Refer to Masri O Architects Addendum #3 item 2.3.

**Question 16:** We kindly request that Delta Controls be added as an approved vendor for Building Automation Systems (BAS) on this project.

**Answer 16:** Refer to Masri O Architects Addendum #3 clarification item 1.1.

**Question 17:** Would the Raynor AV200 Alumaview be accepted as an alternative to the specified Cookson Cornell door?

**Answer 17:** Refer to Masri O Architects Addendum #3 item 2.3.

**Question 18:** Our subtrades would like to inquire if the attached alternative - Commdoor can be considered equivalent to the Kawneer specified for glazing.

**Answer 18:** Refer to Masri O Architects Addendum #3 clarification item 1.12.

**Question 19:** Our subtrades would like to inquire if the attached alternative can be considered equivalent to the currently specified for overhead doors.

Specifically, they are requesting that the Richard Wilcox A175 doors, paired with Dyna-Hoist motors (operating at 24 inches/second), be reviewed as a potential equivalent alternative.

**Answer 19:** Refer to Masri O Architects Addendum #3 item 1.12.

**Question 20:** For compressed air system, is A53B sch 40 carbon steel pipe with screwed joints acceptable?

For hydronic piping system, is A53B sch 40 with grooved joints acceptable?

**Answer 20:** Refer to Masri O Architects Addendum #3 clarification items 1.6 and 1.7.

**Question 21:** Can the Richard Wilcox A175 doors, paired with Dyna-Hoist motors (24inches/second), be reviewed as a potential equivalent alternative.

**Answer 21:** Refer to Masri O Architects Addendum #3 item 1.12.

**Question 22:** Cookson/ Cornell do not make sectional doors can we use Richards Wilcox A175 instead?

**Answer 22:** Refer to Masri O Architects Addendum #3 item 1.12.

**Question 23:** Could you please provide further clarification on Division 13 34 19 - Pre-Engineered Metal Building? Does this indicate that the entire building assembly - including components such as W-EX1, roofing, etc. will be pre-manufactured by the same manufacturer?

**Answer 23:** Refer to Masri O Architects Addendum #3 clarification item 1.4.

**Question 24:** Building Signage: Please ask the architect for clarification regarding the thickness of the aluminum letters and is the desired finish to be clear anodized, or brushed aluminum with a clear topcoat.

**Answer 24:** Refer to Masri O Architects Addendum #3 clarification item 1.11.

**Question 25:** From one of our glazing trades - would 3M 3015 AVB be an acceptable alternate to the materials listed in 08 44 13 2.3.17.1?

**Answer 25:** Refer to Masri O Architects Addendum #1 clarification item 2.2.

**Question 26:** Please confirm if bid bond amount is 5% or 10% as the spec notes 5% and the Bids&Tenders website lists 10%. Masri O

Architects Addendum #2 clarification item 1.6, as the answer from Addendum #3, relates nothing to this question. Please advise.

**Answer 26:** Refer to Masri O Architects Addendum #2 clarification item 1.6.

**Question 27:** Drawing M302, GL 4a/5 shows an acoustically lined 550mm round duct. Please confirm this is required to be lined?

**Answer 27:** Refer to Masri O Architects Addendum #2 clarification item 1.13.

Masri O Architects

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# Addendum

**PROJECT:** North Paris Fire Station
**OWNER:** County of Brant
**ADDENDUM#:** 3
**DATE:** Aug 6, 2025

**DISTRIBUTION: Prequalified Plan Takers via Bids and Tenders**

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The following information supplements and/or supersedes the bid documents issued on July 9, 2025.

This Addendum forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all contained herein is to be included in the Contract Sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject bidder to disqualification.

## 1. CLARIFICATIONS

1.1. Reference Section 25 02 05 – Convergint is the (only) approved contractor by County of Brant for controls & BAS.

1.2. Reference Section 23 05 11 – ductwork must be primed and painted as specified – satin coat ductwork is not accepted.

1.3. Reference Mechanical Drawing M302 – motorized dampers are sized as follows: 1500x600 for EF-8 and EF-9, and 600x600 for EF-5 and ERV-1.

1.4. Refer to Section 13 34 19 for the scope of work and requirements for the Pre-Engineered Metal Building supplier.

1.5. Reference Section 13 34 19 Pre-engineered Metal Building RFQ – all steel connections are designed, supplied & installed by the pre-engineered building design-builder/supplier. The GC will need to coordinate with the Pre-Engineered Steel Building supplier and their designer and fabricator.

1.6. Reference 22 75 13 – schedule 40 carbon steel pipe with screwed joints are acceptable for use in compressed air systems.

1.7. Reference 23 21 13 – in hydronic piping system, grooved joints will be accepted on pipes 2.5" diameter and greater. Pipes 2" and smaller diameter shall be threaded.

1.8. Reference 22 11 16 – Press fittings will be accepted on domestic water piping in place of copper sweat fittings, but copper press fittings will not be accepted on hydronic systems.

1.9. Reference Section 08 71 00 Door Hardware: Door Hardware will be supplied under Cash Allowance per Section 01 21 00 and installed by Contractor under contract price. Automatic Door Operators are to be supplied & installed under contract price (not in Cash Allowance). Door Finishing Hardware Schedule will be prepared by the GC under contract price, upon which minimum three quotes to be provided from suppliers approved by consultant.

1.10. Refer to Detail 5 on Architectural Drawing A9.1 for the handrail/guardrail connection detail to wall or railing (adapted detail welded to railing w/o plate).

1.11. Reference Section 01 21 00 Allowances, Revise Item 1.2.10.6 to read 'Building Signage' in lieu 'Interior Signage'. For clarification all Building Signage (interior and exterior) is to be supplied and installed through the Signage Allowance(s) as indicated in Schedule C.

1.12. Refer to Section 01 25 00 Substitutions Procedures for submission required for the evaluation by Consultant related to any suggested products. Submissions for Alternates should include relevant product documents and should clearly demonstrate how the suggested products meet the required specifications.

1.13. Refer to the 550mm round duct downstream of EF-8 located at GL 4a/5 on Drawing M302 – acoustic lining can be omitted from the round portion of the duct. However, it must be externally insulated. For additional clarification, ensure that full exhaust air plenum is complete with exterior insulation as is required in specifications.

## 2. INSTRUCTIONS

2.1. Reference Section 06 40 00 Sentence 2.1.6.3 melamine finish over MDF as specified under 2.1.4, is acceptable as a finish for vertical surfaces of interior of cabinets (carcasses). Colour of the interiors to match adjacent surfaces to consultant approval.

2.2. Reference Section 08 40 13 Sentence 2.3.17.1, add 3M™ Air and Vapour Barrier 3015NP to the list of Standard of Acceptance.

2.3. Reference Section 08 36 40 Glazed Overhead Doors:

1. Spring Cyclage shall be 100,000 minimum.
2. Item 2.1.1, add Raynor Garage Doors to the list of Acceptable Manufacturers supplying AlumaView® AV300.

All overhead sectional doors to meet all the requirements in Section 08 36 40 including Components, Operators, safety, control, thermal performance, warranty and in particular the standards for high performance overhead doors including high speed and high cyclage per 1 above.

2.4. Reference Section 07 21 16 Fibrous Insulation: Revise Part 2 Products as follows:

1. Delete Sentence 2.2 Blanket Roll Roof Insulation.
2. Revise Sentences 2.3 Wall & Ceiling Batt Insulation – Base Bid to remove references to Wall Types W-EX1 and W-EX2.
3. Revise Sentence 2.4 Exterior Wall Batt Insulation – Alternative to add under sentence 2.4.1.6 Acceptable Materials: ".4 Rockwool Plus MB Pre-engineered Metal Building Insulation at Wall Types W-EX1 and W-EX2 and Roxul Safe 55

Metal Building Insulation (2hr Fire rated) at Wall Type W-EX1 west elevation. Lamination to NAIMA. R value per wall schedule."

4. Add new Sentence 2.6 under Part 2 Products as follows:

"**2.6 Wall Metal Building Insulation-Base Bid**

Locations: to be installed at Exterior Walls W-EX1 and W-EX2 between purlins.

Fibreglass Metal Building (Blanket) Insulation to CAN/ULC-S702 Fire Hazard Classification to CAN/ULC-S102, non-combustible to CAN/ULC-S114, R28 min to fill purlin cavity. Lamination to NAIMA. No vapor retarder face is required where wall is combined with W-P2a or W-P2b.

Standard of Acceptance: Fiberglass Metal Building Insulation 202 by Certain Teed, Metal Building Insulation for Canada by Owens Corning."

2.5. Reference Section 07 21 13 Board Insulation:

1. Revise Sentence 2.1 under Part 2 Products to add "Locations: exterior walls W-EX1 & W-EX2, and roofs Type R-1 to be installed over the roof purlins and the between-the-purlin semi-rigid insulation."

2. Add new Sentence 2.6 under Part 2 Products as follows:

"**2.6 Continuous Exterior Roof Rigid Board Insulation - Alternate**

Locations: to be installed over the roof purlins and the between-the-purlin semi-rigid insulation; install at metal Roof Type R-1.:

1. Polyisocyanurate Thermal Insulation Board (ISO), to CAN/ULC S704 Class 2. Type II (20 psi), 150mm thick, R-Value 35, Density 32kg/m3, Water Absorption 1%. Standard of Acceptance: Sopra-ISO SL by Soprema."

**END OF ADDENDUM**

Prepared By:
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