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Addendum # 7

Dated: October 04, 2024

Bid Opportunity: T-24-33 - General Contractor for the Construction of a Helicopter Hangar and Related Interior and Exterior Spaces in the Town of East Gwillimbury, Ontario

Closing Date: Tuesday, October 15, 2024 2:00 PM

All Bidders are advised by this addendum to incorporate the following changes/clarifications to the above noted Document.

1. Intent:

- a. This Addendum is issued during Bidding and shall form part of Bidding and Contract Documents for above Project.
- b. Except as otherwise specified herein, or as shown on accompanying Drawings and Sketches, work required by this Addendum shall be in accordance with specifications dated September 9, 2024, and Drawings accompanying same and previously issued Addendum (if any).
- c. To maintain traceability of questions, the numbering remains consistent with the sequence assigned in previous addendum(s). For clarity and brevity, any question numbers missing from this addendum have been addressed in prior addendum(s) and are omitted.

2. Extension of Closing Date:

The Closing Time has been extended from 2:00:00 p.m. local time on Tuesday, October 8th, 2024 to prior to 2:00:00 p.m. local time on Tuesday, October 15th, 2024.

3. Drawing Revisions:

1.1 CIVIL

.1 Drawing C-101

.1 Update to site servicing plan.

.2 Drawing C-102

.1 Update to site services north of the hangar.

.3 Drawing C-301

.1 Update to septic system section A-A.

.4 Drawing C-402

.1 Update to grading notes.

.5 Drawing C-501

.1 Update to the Erosion and Sediment Control Measure Notes

.2 Update to site services north of the hangar.

1.2 STRUCTURAL

.1 Drawing S099

.1 Update to section detail 2/S099

1.3 MECHANICAL

.1 Drawing M900

.1 Update to the exhaust fan schedule.

.2 Specification Section 23 34 00

.1 Revisions indicated in red.

Question 1:

I have noticed that this is a single stage closing which requires us to provide lump sum tender price, plus separate prices, and unit prices.

We respectfully ask that if you require all the additional information above, you revise this to a two-stage process, with the second closing 24 hours later. In the first stage we will provide you a lump sum bid for the work, and in the second stage we will provide you the separate, itemized, unit prices. The reason for the above request as follows:

We often receive our lowest bids within minutes of closing thus we don't know who the low sub-contractors will be until this point. It is virtually impossible for us to fill out the information you are requesting at time of tender. In our experience, the owner will receive the lowest price and best value on their tender call if they provide us a 2-part closing.

It is almost guaranteed that if you do not consider the above request, you will receive fewer bids, and those who do bid will not be able to provide you their best possible price as they are focused on completing the supplemental information, rather than closing with the lowest numbers.

I will not confirm if we are bidding prior to receiving a response on the above.

Answer 1: The Board will not be changing the single stage closing.

Question 15:

The timeline of 165 days to substantial is very tight considered the design of the pre-eng building is not complete and permit approval is based on the design submission. There is also a liquidated damage clause if substantial completion is not achieved. It is not fair to the general contractors to assume the risk, in particular the design and permitting components are beyond their control. Please consider a more realistic timeline and remove the liquidated damage clause.

Answer 15: Still under review. A final response to this question will be provided in a subsequent addendum.

Question 82

One of the Building suppliers looking for 31 weeks for installation of Pre Eng Building only and we have Substantial performance is withing 32 weeks (165 working days). Could you please revised the Substantial performance accordingly?

Answer 82: Still under review. A final response to this question will be provided in a subsequent addendum.

Question 123:

I am writing to request clarification regarding the provision of power and water sources as outlined in SC 13 of Appendix C – Supplementary condition. What specific power and water sources will the Contractor be required to provide if YRP-supplied services are insufficient or unavailable

Answer 123: A response will be provided in a subsequent addendum.

Question 125:

Please confirm if the site access road is from the south via Garfield Wright Blvd.

Answer 125: A response will be provided in a subsequent addendum.

Question 137:

Please consider an extension.

Answer 137: No further extension will be provided at this time.

Question 138:

Our pre-eng trades requested at least a 2-week extension. Please advise if this will be granted.

Answer 138: No further extension will be provided at this time.

Question 141:

Appendix C – Form of Contract, Final Article 1.3.1: Substantial Performance of the Contract within 165 working days. Following our review, discussions with various subcontractors and a detailed analysis of their lead times to prepare a reliable schedule, it has become apparent that the project duration will extend to at least 13 months. Accordingly, we respectfully request consideration for an extension of the contract duration to 280 working days, starting from the date the general contractor receives the building permit. Please advise, as this is crucial for ensuring constructability.

Answer 141: A response will be provided in a subsequent addendum.

Question 151:

Depending on the position of the 4-way valve on the snow melt and the 3-way valves on the ASHP1, the snow melt and the air source heat pump loop may need their own expansion tanks as they could be hydraulically isolated from the loop where ET-1 is connected.

Answer 151: The proposed design is correct.

Question 162:

Please consider post tender negotiations of the contract. This contract is very onerous based on the value and complexity of the project.

Answer 162: A response will be provided in a subsequent addendum.

Question 163:

Please refer to T-24-33 Appendix C Form of Contract, Article 4.1. We would like to request clarification that this does not include force majeure events or change orders.

Answer 163: A response will be provided in a subsequent addendum.

Question 164:

Please refer to T-24-33 Appendix C Form of Contract, GC 1.1.4. Please reinstate this clause, its removal is contradictory to other sections of this contract. For example, GC 1.1.10 and GC 1.1.12

state that the drawings are the property of the Owner and shall remain the property of the Owner, if the documents are property of the Owner, the GC must be able to rely on the documents provided and is not responsible for errors, omissions, or inconsistencies in the documents.

Answer 164: A response will be provided in a subsequent addendum.

Question 165:

Please refer to T-24-33 Appendix C Form of Contract, GC1.7.1. Please delete this clause. It is unreasonable to state that the Owner's and Consultant's reviews are only intended to ascertain that the work generally meets the intention of the contract. The Contractor is reliant on approvals, direction, and review (as mentioned in many other clauses throughout the contract) from the Owner and Consultant in order to perform the Contract.

Answer 165: A response will be provided in a subsequent addendum.

Question 166:

Please refer to T-24-33 Appendix C Form of Contract, GC2.2.12. Please revise 5 working days to read 10 working days to allow for time to obtain pricing and schedule information from our subtrades.

Answer 166: A response will be provided in a subsequent addendum.

Question 167:

Please refer to T-24-33 Appendix C Form of Contract, GC3.2. Please clarify what work the Owner/Other Contractors intends to perform during the duration of this Contract.

Answer 167: A response will be provided in a subsequent addendum.

Question 168:

Please refer to T-24-33 Appendix C Form of Contract, GC3.2.6. Any work required by Other Contractors that requires us to provide time and space should be additional to our contract and treated as a change order as we could not reasonably infer when, where, and how Other Contractors will be affecting our working space.

Answer 168: A response will be provided in a subsequent addendum.

Question 169:

Please refer to T-24-33 Appendix C Form of Contract, GC3.2.7. As the Contractor cannot anticipate the extent of the Other Contractors there should be a change order to allow increase if the Contractor must be the constructor that is mutually agreed upon between all parties

Answer 169: A response will be provided in a subsequent addendum.

Question 170:

Please refer to T-24-33 Appendix C Form of Contract, GC3.6.4. As this is a lump sum project, unless the trade is negligent, the General Contractor should be compensated for if the change requires the General Contractor to use a more expensive contractor.

Answer 170: A response will be provided in a subsequent addendum.

Question 171:

Please refer to T-24-33 Appendix C Form of Contract, GC3.7.6. Please remove the words "shall pay to the Owner" and replace with "shall be retained by the Owner" as this is standard practice.

Answer 171: A response will be provided in a subsequent addendum.

Question 172:

Please refer to T-24-33 Appendix C Form of Contract, GC3.11.1. Please remove this clause. The Contractor, once mobilized, will familiarize itself with the exact locations of such utilities, however, during the bidding process, the bidders are not able to confirm locations, therefore, anything that does not match the reports that has affects cost, should be compensated to the Contractor through a change order.

Answer 172: A response will be provided in a subsequent addendum.

Question 173:

Please refer to T-24-33 Appendix C Form of Contract, GC6.1.6. Please note that depending on the nature of the additional work, general expenses should not be included in the mark-up. As an example, if scope is added that adds a large amount of general expenses (i.e., safety equipment, labour, temporary power) this cannot be expected to be included in the 5% markup as it could be significantly higher. Please confirm that GC6.3.5 overrules GC6.1.6 and allows us to include for the actual costs stated in 6.5.3 with our change orders.

Answer 173: A response will be provided in a subsequent addendum.

Question 174:

Please refer to T-24-33 Appendix C Form of Contract, GC6.4.1.1 & 6.4.1.2. As the reports are being added to the General Contractors responsibility to determine concealed or unknown conditions, it is unfair that in Appendix A RFT Particulars, item 5, Examination of the Site, that it states that we are not able to rely on the completeness or correctness of the reports provided. Please remove Appendix A RFT Particulars, item 5, Examination of the Site.

Answer 174: A response will be provided in a subsequent addendum.

Question 175:

Please refer to T-24-33 Appendix C Form of Contract, GC6.4.8. Please delete this clause. A reasonable and prudent contractor would not conduct additional geotechnical, subsurface, or other investigations prior to or after the tender closing as standard practice is to rely on the reports provided by the Owner. Furthermore, if the Contractor is responsible to obtain geotechnical information post tender, this would add significant time to the schedule.

Answer 175: A response will be provided in a subsequent addendum.

Question 176

Please refer to T-24-33 Appendix C Form of Contract, GC6.5.3. Please revise to read that the Contractor shall be entitled to payment for costs incurred by delays beyond the Contractor's control. Currently the clause reads that, for example, the Contractor would not be delayed if there was a tornado, and the site was shut down. At minimum there are charges the Contractor incurs (i.e., rental of fencing, trailers, etc.) that due to force majeure are beyond the Contractor's control. It is unreasonable that the Contractor shall pay for costs beyond their control.

Answer 176: A response will be provided in a subsequent addendum.

Question 177:

Please refer to T-24-33 Appendix C Form of Contract, GC6.5.3. Please remove "in the Owner's sole opinion" from the last paragraph. The abnormal inclement weather should be determined by the historical weather data and the current weather data, not in the Owner's sole opinion of inclement weather.

Answer 177: A response will be provided in a subsequent addendum.

Question 178:

Please refer to T-24-33 Appendix C Form of Contract, GC6.5.8. Please revise this clause to include the General Contractors staffing costs and general expenses. Should the project be delayed due to Covid (i.e., governmental shut downs, diminished labour force) the Contractor should be compensated for additional duration as this was beyond the Contractor's control.

Answer 178: A response will be provided in a subsequent addendum.

Question 179:

Please refer to T-24-33 Appendix C Form of Contract, GC12. Please confirm if the Owner intends early occupancy. If so, please provide the details of such.

Answer 179: A response will be provided in a subsequent addendum.

Question 180:

Please refer to T-24-33 Appendix C Form of Contract, GC13. Please reinstate mutual indemnification as this is fair language for both parties.

Answer 180: A response will be provided in a subsequent addendum.

Question 181:

Please refer to T-24-33 Appendix C Form of Contract, GC14.1.1. Please clarify that the Region only would be able to audit books related to this project as some contractors have sensitive/proprietary information for other clients.

Answer 181: A response will be provided in a subsequent addendum.

Question 182:

Please refer to T-24-33 Appendix C Form of Contract, GC15.1.1. Please clarify the intent. Is there any software that the Owner requires?

Answer 182: A response will be provided in a subsequent addendum.

Question 189:

The Quality assurance qualification on the spec calls for the roofer to be a member with CRCA (SECTION 07 52 16 - 1.8.1.2.1), would IIBEC membership (International Institute of Building Enclosure Consultants) be accepted as an alternative?

Answer 189: No, CRCA membership is mandatory.

Question 196:

Please confirm if the pre-eng. contractor is to supply and install all the secondary framing, bracing and hoist beam itself for the monorail assembly.

Answer 196: Yes, refer answer 184 responded to in Appendix 6.

Question 197:

Are snow guards required? If yes, please specify the desired assembly.

Answer 197: A response will be provided in a subsequent addendum.

Question 198:

Please verify if Pre-engineered subcontractor is to use Newmarket, Ontario for the OBC Climatic Data?

Answer 198: Yes, refer Specification Section 131 34 24.

Question 199:

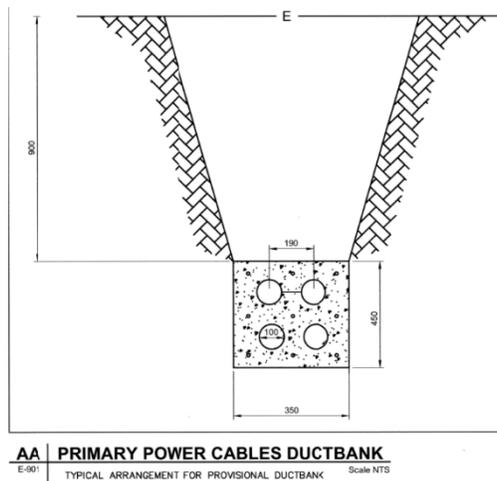
In reference to Addendum 4, Question 131, which notes that the stand-off roof system is acceptable, could you please confirm if fiberglass insulation, as per the referenced roof system, will be acceptable in lieu of the specified mineral fiber insulation that includes a separate AVB membrane?

Answer 199: A response will be provided in a subsequent addendum.

Question 200:

In the Elect. drawing of Addendum#4, it is mentioned references of Dwg. E-901 for various duct banks. But in E-901, there are no such drawings. It refers only electrical Schedules.

Answer 200: The pdf drawings provided were for reference and coordination. The duct banks are existing and not part of this project unless specifically noted. Refer to Addendum 6, Detail 2/E-100 and note that Hangar project will make use of the existing duct bank under the existing road. (2x2x 103mmC).



Question 201:

Please provide electrical site plan showing complete run of new duct banks.

Answer 201: Refer to Addendum 6 E-100. Details for the final portion entering the Training Facility Main Electrical Room will be provided in a subsequent addendum.

Question 202:

Is there any pre-approved site service contractor for the water main and storm water tapping in?

Answer 202: There are no pre-approved site service contractors, the contractor will install the water and storm service connections including coordination with the Town's inspector/inspections. The Cash Allowance is only for potential charges by East Gwillimbury.

Question 203:

Are the water main and storm water connection outside of the property line covered by the cash allowance or which need to be included in our lump sum?

Answer 203: All work show within the roadway is to be included as part of this contract and similar to Answer 202 above is not covered by any Cash Allowance.

Question 204:

Please provide all feeder sizes on SLD.

Answer 204: Refer to Addendum 6 E-700.

Question 205:

What is the dimension of VG-5?

Answer 205: WD-5 is 2200mm wide x 600mm high with VG2 glazing as indicated on drawing A-005 in Addendum 6. There is no VG5 in the project.

Question 206:

Please clarify the following:

1. As per the single line diagram, a generator is shown, but its rating is not provided.
2. As per the single line diagram, MSB-6A1 is shown, but its location is not shown in layout.
3. Panel DP-03 schedule is shown in drawing E-901, but it is not shown in the single line diagram. Please confirm whether it is new .
4. As per layout E100 some lights are shown but the luminaire details are missing. Please confirm if it's in our scope.
5. The unit scheduled as ASHP-1 has no basis of design and only refers to water flow in its' schedule, while RTU-2 appears as a chilled-water AHU with no actual cooling performance scheduled. There are no entering or leaving air temperatures, only a single value of heating input (per the spec and diagram, the unit is an air-source heat pump with gas heating and an electric pre-heater, which would equate to THREE input values), and there are discrepancies between the spec and control drawings.
this is a minor point, but the VRF ODU schedule seems to refer to a second VRF condensing unit that is NOT scheduled and doesn't appear on plans. We're going to exclude this, and select as shown in the diagrams. Please advise otherwise.

Answer 206: Refer items below

1. Refer to Addendum 6 E-700.
2. Refer to subsequent Addendum E-700.
3. DP-03 is removed from the design. Refer to Addendum 6 E-700.
4. Question is unclear. If this is referring to 2.2 and 2.5 types, the details are in the aviation package. For the rest of the luminaires refer to Addendum 6 E-900, Lighting Fixture Schedule.
5. The ASHP model number is indicated in the schedule and design basis mentioned in the specification (23 81 43), AIM Product (ADVANCE INDUSTRIAL MECHANICAL). The RTU-2 does not have any cooling coil. ASHP serves the in-floor heating for Hanger and RTU-2 will provide the fresh air and heating for the hanger.
ODU-1 & ODU-2 are specified in the schedule (Drawing M-901). ODU-1 serves the FCUs which produce the conditioned air for the office area. ODU-2 is dedicated to FCU at IT room (105).

Question 207:

Reference CA2. Please advise what trades may be required to attend the independent commissioning, the duration and if their costs will be reimbursed as part of CA2.

Answer 207: A response will be provided in a subsequent addendum.

Question 208:

Please identify the cable sizes and conduits for the Line Diagram E-700. This still has not been provided.

Answer 208: Refer to Addendum 6 E-700.

Question 209:

Reference Section 01 56 00 Temporary Barriers and Enclosures, item 1.4 - Please confirm that the temporary enclosure site is constructed with 38 x 89 mm construction-grade lumber framing at 600 mm centers, and 1200 x 2400 x 13 mm exterior-grade fir plywood in accordance with CSA O121.

Answer 209: A response will be provided in a subsequent addendum.

Question 210:

The VRF ODU schedule seems to refer to a second VRF condensing unit that is NOT scheduled and doesn't appear on plans. We're going to exclude this, and select as shown in the diagrams. Please advise otherwise.

Answer 210: The same response as 206.

Question 211:

There are still many questions unanswered. Please allow for (2) weeks closing extension.

Answer 211: No further extension will be provided at this time.

Question 212:

Can NUCOR be approved as an alternative vendor for the prefabricated building?

Answer 212: A response will be provided in a subsequent addendum.

Question 213:

HVAC: Can you please confirm the bases of the fan.

Answer 213: Refer to drawing M-900 issued with Addendum #7.

Question 214:

Please confirm the required height for the temporary barriers and enclosures as specified in Section 01 56 00, Item 1.4.

Answer 214: A response will be provided in a subsequent addendum.

Question 215:

Please advise where Exterior Sun Control Devices apply. The item is not shown on the drawings.

Answer 215: A response will be provided in a subsequent addendum.

Question 216:

Can you confirm if window sprinklers are required to maintain the 1.5hr fire rating of the internal glazed windows.

Answer 216: Window sprinklers are not required. Glazing for rated windows and door glazing is FRGLI. Refer Section 08 80 00

Question 217:

The current detail for the infiltration gallery does not provide sufficient information regarding the piping requirements, type of stone, and filter cloth specifications. Please provide clarification or additional details to ensure proper installation.

Answer 217: Refer to the Site Servicing Plan Drawing on C-101 issued with Addendum 4 and the detail on C-401 issued with Addendum 3 for additional information regarding the infiltration trench.

Question 218:

In response to Question 101 in Addendum 5, the provided answer refers to revised drawings C101 and C402 for the Jellyfish system. However, these revised drawings do not appear to be included in the addendum package. Kindly provide the revised drawings to proceed with the work.

Answer 218: Drawings C-101 and C-402 were issued in Addendum 3

Question 219:

Acoustic Wall Panel (AWP) is noted in Dwg A131 in Office 3. Please advise the extent of AWP and height of this application

Answer 219: Refer to the elevations 3/A-200 for the extent of the AWP in Office 3.

Question 220:

Please provide the necessary detail, including the required dimensions, materials, and reinforcement (if applicable), to proceed with the sidewalk construction.

Answer 220: Refer to note 5 under Roads, Driveways and Parking Area on sheet C-401 issued with Addendum 3 for the sidewalk specifications. Sidewalks shall be 1.5m wide unless indicated otherwise on the architectural site plan. Refer to the architectural site plan for site plan dimensions and elements.

Question 221:

The current design for the helicopter pad specifies a 175 mm thick concrete slab with two layers of 15 mm rebar. Based on our calculations, this thickness will not accommodate the two rebar mats with the required 2 ½ inch clearance for both the top and bottom.

Answer 221: Refer to section detail 2/S099 issued as part of Addendum 7.

Question 222:

The Architectural Drawings reference a detail (15/A505) showing the pre-engineered column at Gridline 1 @ Gridline E. However, it appears that this sheet has not been included in the issued documents or addenda. We need to confirm the positioning of the stud infill framing relative to the pre-engineered steel column. Please provide the missing detail or clarification on where the stud infill framing should be placed.

Answer 222: Drawing A-505 to be issued in a subsequent addendum.

Question 223:

Please provide size (wattage) for the NG Generator. It's not shown on the single line diagram.

Answer 223: Refer to Addendum 6 E-700.

Question 224:

Please provide type and size of cables for distribution panels, generator and ATS.

Answer 224: Refer to Addendum 6 E-700.

Question 225:

Please clarify what exactly need to be included in the electrical scope for the drawing E-001 – Training Electrical Site Plan issued for the Addendum 4.

Answer 225: Referring to Addendum 6, Detail 2, E-100. Communication conduit is to be installed from the Hangar up to and existing handhole. Power conduits are to be installed from the Hangar to the YRP Training Facility – Main Electrical Room. A new circuit breaker is required. Note that the response does not modify any of the content of the drawings.

Training Facility Main Electrical Room pictures from exterior and interior. Proposed conduit to surface mount to exterior of electrical room and enter the switchboard from above. Requires confirmation from switchboard manufacturer.





Question 226:

The specification mentions: Vodaland Pro200FC channel with galv steel edge and class E ductile iron grating. We normally use load class F load rating for Hanger application due to surrounding vibrations and load intake of Helicopter's or any heavy-duty vehicles passing over. Class E is normally applicable for EMS stations and Fire stations. In addition the specification has galvanized steel edge rail which has weaker resistance compared to actual cast iron that match's material of grating. We recommend using ductile iron edge rails with class F load for Hanger application.

Answer 226: A response will be provided in a subsequent addendum.

Question 227:

Please provide clarification based on make and model of equipment in 4-E-300 [Electrical Room-MEZZANINE LEVEL], if they are to be supplied by electrical contractor.

Answer 227: Unless noted otherwise, the equipment is not vendor specific. Please refer to specifications for list of acceptable manufacturers.

Question 228:

Please provide generator electrical ratings (kW).

Answer 228: Refer to Addendum 6 E-700.

Question 229:

Reference section 05 50 00 - 1.3 Summary. Please delete items on 1.3.1.1 to 1.3.1.18 that are not required on this project.

Answer 229: A response will be provided in a subsequent addendum.

Question 230:

We received requests from our mechanical subtrades for a tender extension. Please advise if that can be granted.

Answer 230: No further extension will be provided at this time.

Question 231:

We are seeking Alternate approval to present a Nucor Buildings supply and Erect proposal. Nucor Buildings are a leading manufacturer of Metal buildings for the Canadian market and are an equitable building in all areas.

Answer 231: We are not able to include Nucor as an approved manufacturer as their R-Boost Elevated Roofing Insulation System does not conform to the specified R2 assembly.

Question 232:

Please confirm, how panel DP-03 fed from?

Answer 232: DP-03 is removed from the design. Refer to Addendum 6 E-700.

Question 233:

Please provide updated single line to give feeder details.

Answer 233: Refer to Addendum 6 E-700.

Question 234:

In electrical drawing aircraft hangar area defined as Hazardous area. Is it applicable to lights, control devices, outlets etc?

Answer 234: Refer to addendum 6, E-300, sheet notes P2, P3. The expectation is to avoid installing equipment, devices, raceway, etc. in hazardous areas. Measures include:

- **All wall mounted equipment, devices, raceway will be installed above 450mm**
- **The area within 1.5 m horizontally from aircraft power plants, aircraft fuel tanks, or aircraft structures containing fuel shall be a Zone 2 location that extends upward from the floor to a level 1.5 m above the upper surface of wings and of engine enclosures.**
 - **All fixtures are mounted higher than 7m AFF (3.2m for top of helicopter engine, + 3.8m clearance)**
- **Any conduits run below the hangar must run uninterrupted, coupling allowed (OESC 18-104.4)**

Question 235:

ET-1 & ET-2 schedule are blank. Please advise manufacturer and model.

Answer 235: The information will be provided in a future Addendum.

Question 236:

Please advise make and model of (BT-1) buffer tank.

Answer 236: The model number was specified in Addendum # 6.

Question 237:

Please advise the location of the humidifier and dehumidifier.

Answer 237: *There are no humidifiers or dehumidifiers.*

Question 238:

Please confirm contact information for the two manufacturers listed for the heat pump. i) AIM and ii) IBC).

Answer 238: *AIM: Manufacturer (H.E. Rieckelman Inc. Nash Mohammad, phone: 905-302-6442).*

Question 239:

Please advise the fuel tank and foundation are by others or need to be included in our price?

Answer 239: *A response will be provided in a subsequent addendum.*

Question 240:

As per the single line diagram, it shows breaker to be included in the existing SWBD MSB-6A1. If this is to be included, please send us the manufacturer of SWBD MSB-6A1 (clear picture of nameplate required).

Answer 240: *Manufacturer of SWBD is Square D. Nameplate is not yet available.*

Question 241:

Also confirm the ampere rating (I assume its 400A) and kAIC ratings to be considered for the breaker.

Answer 241: *For the breaker size refer to subsequent Addendum E-700. For the kAIC rating, match the existing feeder breaker rating.*

Question 242:

Single in add 3 shows new breaker in the existing switchboard MSB-6A1. Please provide make and model of the existing switchboard so we can match new breaker.

Answer 242: *Refer answer 240.*

Question 243:

Please confirm the amperage rating and KAIC rating to considered for the breaker.

Answer 243: *Refer answer 241*

Question 244:

Please confirm if Plywood Hoarding is required for this project.

Answer 244: *Contractor to provide enclosure of construction site in compliance with applicable regulatory requirements of authorities having jurisdiction including East Gwillimbury and the Ministry of Labour.*

Question 245:

Single in add 3 shows new breaker in the existing switchboard MSB-6A1. Please provide make and model of the existing switchboard so we can match new breaker.

Answer 245: *Manufacturer of SWBD is Square D. Nameplate details will be provided in a subsequent addendum.*

Question 246:

Is there interior work or core drilling required at existing Training Facility to accommodate new feeder connection?

Answer 246: Yes.

Question 247:

What are allowed working hours for installing new power ductbank and power connections at Training facility?

Answer 247: 8:00 a.m. to 4:00 p.m., Monday to Friday, excluding Statutory Holidays.

Question 248:

After Addendum #3 Q & A 85 is missing to clarify, Could you please confirm?

Question 85:

Please see below needs clarification:

There is a louver spec section :08 91 00, no louvers found on drawings.

Answer 85a: Louvres, including sizes, will be shown on elevations in a subsequent Addendum

I found mechanical screen on roof plan and elevations, no screen section found and no specification. Usually is under division 10. If vision screen require, I attached our most popular model VAC-301 tear sheet and spec.

Answer 85b: Refer detail 11/A501 and Plan A-111. Specification to be issued in subsequent Addendum

Answer 248: A response will be provided in a subsequent addendum.

Question 249:

We are herewith requesting the proposed 2420 louvre product be considered as an acceptable alternative product. It is very similar to the specified product in terms of performance and aesthetics.

Specified Product / Proposed Alternative

Manufacturer: Tenplus Architectural / Ventex Inc

AMCA Certified Water/Air: Yes / Yes

Model: H4451 Stormproof / 2420 Stormproof

Louvre Depth: 100mm / 100mm

Blade Angle: 45 deg / 45 deg

Blade Spacing: 124mm / 124mm

Material Thickness: 2.06mm / 2.06mm

Free Area on 1219 x 1219mm unit: .755 sq m (50.7%) / .756sq m (50.8%)

Construction: Concealed SS Fast / Concealed SS Fast

Accessories/Finish: As per spec / As per spec

Answer 249: A response will be provided in a subsequent addendum.

Question 250:

Roof assembly R2 is noted to be complete with INS-6 and AVB-3, this differs from alternate assembly accepted under Addendum 3, question 131. Architect to confirm what cavity insulation is required. Note INS-6 is mineral wool insulation, this has approximately 2x the loading factor of standard fibreglass cavity insulation.

Answer 250: A response will be provided in a subsequent addendum.

Question 251:

The Architectural floor plans indicate there should be a plan detail (15/A505) that includes the pre-eng column at GL 1 @ GL E. However it appears this sheet has not been included or issued in any

addendum including add 6. We are looking to confirm where the stud infill framing is required to sit relative to the Pre-Eng steel column and if any inset girts or struts are required.

Answer 251: A response will be provided in a subsequent addendum.

Question 252:

Please provide the weight of the ASHP Roof top unit for pre-eng design.

Answer 252: The weight for the proposed unit in the drawing (per the cut-sheet) has an estimated shipping weight of 3000 lbs (1400 kg). This will need to be confirmed with the successful manufacturer.

This addendum shall remain attached to and form part of the Contract Document. Your co-operation in making the above noted changes is much appreciated

Regards,



Cam Menna
Procurement Analyst, Purchasing Unit
York Regional Police

cc. File – YRP T-24-33