



**RFQ 2024-113**

**GENERAL CONTRACTOR FOR ANIMAL SHELTER CONSTRUCTION**

**Addendum Issued: October 28, 2024**

## **ADDENDUM No. 2**

The following shall form part of the Request for Quotations documents for the above, first issued by the Purchasing Division on October 3, 2024, and the revisions and additions noted herein and any attachments shall read in conjunction with all other documents. This Addendum shall, however, take precedence over all previously issued Request for Quotations documents where differences occur.

Addendum #1 includes the following:

- Drawings ADD2.1 and ADD 2.2 (2 pages)
- VR ME-02 (5 pages)
- Servicing Analysis (51 pages)
- MTE Addendum – EIS (5 pages)

### **A. DEADLINE FOR QUESTIONS**

Bidders are advised the Deadline for Questions has been extended, therefore,

**DELETE:**

**1.5 RFQ Timetable**

Deadline for Questions	October 23, 2024 at 3:00 PM local time
Deadline for Issuing Addenda	October 28, 2024

**REPLACE WITH:**

**1.5 RFQ Timetable**

Deadline for Questions	<b>October 30, 2024 at 3:00 PM local time</b>
Deadline for Issuing Addenda	<b>November 4, 2024</b>

## **B. SUBMISSION DEADLINE**

Bidders are advised the Submission Deadline has been extended, therefore,

### **DELETE:**

#### **1.5 RFQ Timetable**

Submission Deadline	October 31, 2024 at 3:00 PM local time
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### **REPLACE WITH:**

#### **1.5 RFQ Timetable**

Submission Deadline	<b>November 7, 2024 at 3:00 PM local time</b>
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## **C. QUESTIONS & ANSWERS AND CLARIFICATIONS**

Questions #1 – 26 previously answered in Addendum #1 issued October 22, 2024

<b>Question #27</b>	Can you provide more information, clarification, or specification on what the intent is for the weatherproof faceplates for receptacles and switches throughout the interior of the facility. Will in-use bubble covers be acceptable? I can not source multi-gang gasketed faceplates in stainless steel or plastic. Do the switches need to be gasketed as well?
<b>Answer #27</b>	The intent is to have indoor waterproof wiring devices where indicated as these areas will be washed down. In-use bubble covers for receptacles are acceptable. Devices may be multiple single gang ones. Switches Weather-proof, gasketed, water-tight single gang type 302 stainless steel switch plate with clear silicone rubber bubble over the switch toggle.
<b>Question #28</b>	Will doors 101,102,112,113,123,125a&130c require security devices and electric strikes?
<b>Answer #28</b>	Conditions Vary, Refer to Finish hardware Schedule in provided Specification 08 71 00 & Electric strikes, door contacts, and card readers are shown on drawing E201 where required.
<b>Question #29</b>	Section 05 51 33 - Metal Ladder seems to be missing from the specifications but is noted in the list of contents, will we need this section?

<b>Answer #29</b>	Delete all reference to section 05 51 33 Metal Ladders. Refer to Misc Metals 05 55 00 – 2.6.1 & 2.6.2. Delete part 2.6.2 from 05 50 00 – Misc Metals.
<b>Question #30</b>	Please confirm the window framing system required. The window schedule notes do not match the details provided.
<b>Answer #30</b>	Refer to the attached revised drawings “ADD2.1 & ADD2.2”. Revise all wall sections to match 1600UT series by Kawneer.
<b>Question #31</b>	What is the intention of the lights from the inverter circuit? Are they to be switched or dimmed with like lighting in the same areas? Or left on 24hrs as a true night light? If they are to be switched, what relay or room controller is specified?
<b>Answer #31</b>	Lights on the inverter circuit shall be controlled by switches or occupancy sensors controlling other lights in the same areas. Upon loss of normal power, they shall automatically turn on to 100% bypassing the switches or occupancy sensor. Any module compatible with the lights and inverter is acceptable.
<b>Question #32</b>	Please provide a detail listing and specification for the plumbing fixtures.
<b>Answer #32</b>	Refer to mechanical specification section 22 40 00 Plumbing Fixtures and Trim
<b>Question #33</b>	<p>We ask your permission to bid the following item(s) as equivalent under the mechanical section:</p> <ul style="list-style-type: none"> <li>a) Tuttle and Bailey Diffusers, Grilles and Registers, section 23 37 00 – 2.1.1, <a href="https://tyco.widen.net/view/pdf/fipdngrlo8/Product-Handbook_V11.pdf?t.download=true&amp;u=e7jgge">https://tyco.widen.net/view/pdf/fipdngrlo8/Product-Handbook_V11.pdf?t.download=true&amp;u=e7jgge</a></li> <li>b) C&amp;S Combination Fire Smoke Dampers, section 23 00 – 2.7.1, <a href="https://www.csairproducts.com/categories?id=256&amp;listing=distributor">https://www.csairproducts.com/categories?id=256&amp;listing=distributor</a></li> <li>c) JenCO Fans, section 23 34 00 – 2.1.1, 2.2.1, <a href="https://www.jencofan.com/products.html">https://www.jencofan.com/products.html</a></li> <li>d) Panasonic Cabinet Fans, section 23 34 00 – 2.3.1, <a href="https://iaq.na.panasonic.com/ventilation/fans?q=ecm">https://iaq.na.panasonic.com/ventilation/fans?q=ecm</a></li> <li>e) Ortech Dryer Booster Fans, section 23 34 00 – 2.4.1, <a href="https://ortechindustries.ca/product/sdf200">https://ortechindustries.ca/product/sdf200</a></li> <li>f) Ortech Lint Traps, section 23 34 00 – 2.5.1, <a href="https://ortechindustries.ca/product/lint-trap-ds-6">https://ortechindustries.ca/product/lint-trap-ds-6</a></li> </ul> <p>Please note that Tuttle &amp; Bailey, like Titus, and Krueger, are held under the JCI corporation and are manufactured in the same facilities. Similarly, C&amp;S is a Pottorff company and is manufactured to the same standards at the same facility.</p>

<b>Answer #33</b>	Proposed equivalents are acceptable, except for Panasonic Cabinet Fans. Vendor to provide product literature for specific models for evaluation. Refer to the attached VR ME-02, section 1.1.1.
<b>Question #34</b>	Is the contractor responsible for the asphalt restoration on the street, along with permits?
<b>Answer #34</b>	Yes.
<b>Question #35</b>	The Civil Drawing C103 states that a subdrain should be provided under the new curb, if present in the existing conditions. Is it present in the existing conditions?
<b>Answer #35</b>	Assume it is present in the existing conditions
<b>Question #36</b>	Could you please confirm if tree protection will be required for the site as part of the preparation? If so, could you kindly provide the necessary quantities?
<b>Answer #36</b>	There are no existing trees on the project site to be preserved so there is no tree protection required.
<b>Question #37</b>	As per the RFQ document, the kick-off meeting is scheduled for November 12, 2024, with shop drawings and mobilization planned for December 2024. Considering the Christmas and New Year holidays, the tentative project start cannot realistically occur before January 2024. Starting the project during winter for excavation and concrete forming would lead to a significant increase in costs due to adverse weather conditions. Additionally, with the set takeover date of November 14, 2025, and the specified liquidated damages, I kindly request that the project start date be adjusted to April/May 2025, with the completion date revised accordingly. This would help avoid unnecessary winter-related costs and mitigate any potential performance issues.
<b>Answer #37</b>	The anticipated start date is December 2, 2024. All winter heating costs are to be included in the Contract price, if required.
<b>Question #38</b>	Your Fire Alarm Specification is opened for any Manufacturer (27 09 65); please confirm.

<b>Answer #38</b>	Refer to subsection 1.7 in same specification section for acceptable manufacturers. Equivalent alternatives must be submitted for approval.
<b>Question #39</b>	Clarify that Pad Mounted Transformer, complete with primary cabling/conductors by Grandbridge Energy.
<b>Answer #39</b>	Pad mounted transformer, vault and primary conductors will be supplied and installed by Grandbridge Energy. All civil work and primary duct bank and 4 x 4" primary ducts shall be provided by Contractor from transformer to existing pole south of the proposed transformer location. Refer to Civil plans for hydro pole location.
<b>Question #40</b>	Clarify distance to Hydro Pole or location of Hydro Pole for Primary Duct Bank.
<b>Answer #40</b>	Refer to Civil plans for hydro pole location south of transformer on site plan.
<b>Question #41</b>	No specification for the Occupancy Sensors, S-S,S-3S, S-D, S-T switches.
<b>Answer #41</b>	Refer to addendum #1 for time switch specifications. Sensor switches shall be Combination passive infrared and ultrasonic sensor/switch assemblies with a rating to suit the connected load, wall (180° coverage) and/or ceiling mounted (360° coverage)as indicated on the drawings, white, almond or ivory colour as directed, each complete with time, range and light adjustments, adjustable blinders to block peripheral signals, a photocell to detect light to enable ambient light override, Fresnel lens, LED indicator which flashes when the sensor detects motion, and a manual on-off push button. For other standard wall switches refer to specification section 26 06 35
<b>Question #42</b>	DWG# E100 – 02 Concrete Base Detail – Note “See Structural” for information of the pole bases. They seem to be Art-Form Bases but no other information has been provided. Also, is the electrical contractor to supply these bases?
<b>Answer #42</b>	Refer to drawing 01/AS130 – Typ. Light standard base detail
<b>Question #43</b>	Grandbridge Energy is to provide transformer – what are the specs/dimensions of this transformer. Need to know so we can source the correct size vault
<b>Answer #43</b>	Vault will be supplied and installed by Grandbridge Energy. The transformer will be 500kva.

<b>Question #44</b>	For all the trenching (primary ductbank) for the incoming service/vault/etc. are we to use a Grandbridge Energy approved utility contractor? [From Connection to vault/transformer]
<b>Answer #44</b>	Pad mounted transformer, vault and primary conductors will be supplied and installed by Grandbridge Energy. All civil work and primary duct bank and 4 x 4" primary ducts shall be provided by Contractor from transformer to existing pole south of the proposed transformer location. Refer to Civil plans for hydro pole location.
<b>Question #45</b>	Is there a layout for the "J-hooks" for the DATA?
<b>Answer #45</b>	J-hooks must be provided in for all above ceiling cabling that is not in conduit.
<b>Question #46</b>	Any cable tray layout? Size/manufacturer/etc.?
<b>Answer #46</b>	J-hooks must be provided in for all above ceiling cabling that is not in conduit. There are no cable trays.
<b>Question #47</b>	For the Cabinet unit heaters and unit heaters, the BAS spec is clear that these are to be controlled by the manufacturer supplied thermostat and not the BAS. However, it does not mention the control valves. Are the control valves necessary at all? If so, are they to be also wired to the enable on the manufacturer controls?
<b>Answer #47</b>	Control valve shall be deleted from branch piping serving cabinet heaters CUH-1, 2, 3, 4, 5, 6 and Unit heaters UH-1, 2, 3, 4. Refer to Mechanical section of Addendum ME-02 issued by VR Engineering.
<b>Question #48</b>	The BAS spec states that all exhaust fans are to be controlled by manufacturer supplied line-voltage thermostats and not the BAS but the drawings make it look like they are controlled by BAS. Please confirm
<b>Answer #48</b>	EF-1 Dog Isolation – controlled by BAS EF-2 Cat Isolation – controlled by BAS, EF-3 Mechanical Room – not controlled by BAS; status points monitored at BAS EF-4 Receiving Bay – not controlled by BAS; status points monitored at BAS EF-5 Wildlife Room – controlled by BAS EF-6 Washroom – not controlled by BAS EF-7 Washroom – not controlled by BAS Refer to Mechanical section of Addendum ME-02 issued by VR Engineering.

<b>Question #49</b>	The BAS spec states that the controls contractor shall be a subcontractor to the general contractor. Can you please confirm that is accurate?
<b>Answer #49</b>	This is correct.
<b>Question #50</b>	Do the data/voice cables terminate in the Mech/Electrical room?
<b>Answer #50</b>	Assume data/voice cabling shall terminate in File Storage 119 for the purpose of pricing at this time. Location may be revised by the Owner through a change during construction.
<b>Question #51</b>	When they say a symbol is for Data/Voice is that 1 cable or 2 cables?
<b>Answer #51</b>	A Data/Voice symbol is 2 cables; one for voice and another for voice.
<b>Question #52</b>	Is the black triangle symbol a single Cat 6A cable for a wall mount phone?
<b>Answer #52</b>	Solid filled triangle is a phone outlet.
<b>Question #53</b>	Are we to include patch cords? If so what colour and lengths?
<b>Answer #53</b>	Ethernet cables shall terminate in patch panel. Length and colour to be confirmed during construction. Allow for 2ft blue patch cords for the purpose of pricing.
<b>Question #54</b>	Is there an existing conditions drawing? Any vegetation degrubbing required or removals?
<b>Answer #54</b>	No exiting Site drawing will be provided. Yes, existing vegetation consisting of small trees and shrubs. (Tree are under 2" dia).
<b>Question #55</b>	What Hydro seed mix is required?
<b>Answer #55</b>	The specified Hydro Seed Mix is noted on Sheet L200 Landscape Details.
<b>Question #56</b>	Will the site servicing contractor be required to carry paving for Kraemers way? Curb restoration?

<b>Answer #56</b>	Yes.
<b>Question #57</b>	Is it possible to re issue the contract docs in metric?
<b>Answer #57</b>	Drawing will not be issued in Metric.
<b>Question #58</b>	Dwg AS101 shows itemized price # 1, however we do not see a line item for this in the tender form. Please advise
<b>Answer #58</b>	See Addendum # 1 – Question 18.
<b>Question #59</b>	Please provide anticipated under side of footing elevation for pricing purposes.
<b>Answer #59</b>	Anticipated underside of footing elevation will be minimum 4'-6" below finished floor.
<b>Question #60</b>	<p>Drawing A101 shows a hatch denoting frost slab locations. When referencing details 04/A421, 02/A423, 03/A423, 02/A461, 04/A461 &amp; 05/A461 they all note "cont. rigid insulation under frost slab". The following cross sections and details do not identify the requirement for rigid insulation: 01/A422, 01/A424, 04/A424, 01/A425, 02/A425, 03/A462, 05/A462, &amp; 02/A463</p> <p>Please confirm if all exterior frost slabs require rigid insulation and if not please clarify locations.</p>
<b>Answer #60</b>	R10 rigid insulation is required under all frost slabs, typical.
<b>Question #61</b>	<p>Drawing A102 – Construction Note 14 states "digital information panel based on ***** by *****."</p> <p>It is located in Corridor 105 but is hatched as being N.I.C.</p> <p>Please confirm that the digital information panel is not in contract.</p>
<b>Answer #61</b>	Revise the digital information board in corridor 105 to be a T.V. (not in this contract) with power and data drops.

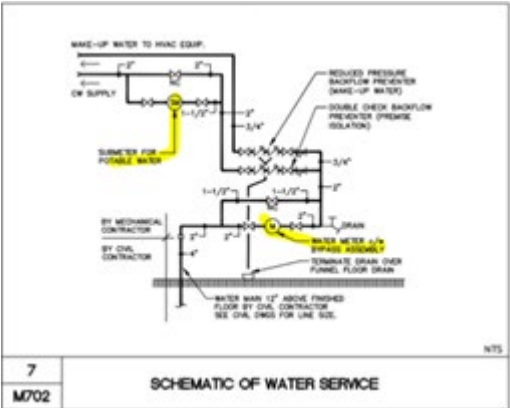


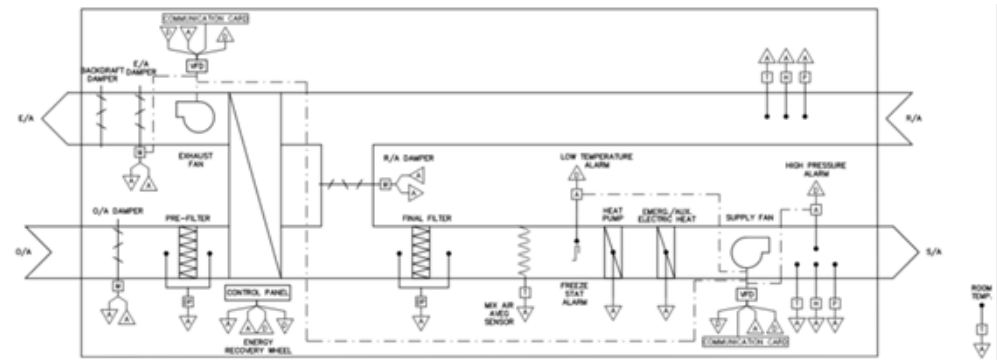
<b>Question #62</b>	Drawing E100 – Hydro Service Notes – states “Electrical contractor to carry a cash allowance for Grandbridge Energy scope of work, refer to architectural.” There is not a cash allowance identified for this scope of work. Will a cash allowance be provided or will the owner be paying directly for the hydro service fees?
<b>Answer #62</b>	Please refer to Addendum # 1, Answer # 13.
<b>Question #63</b>	Can you please confirm the thickness of the proposed building concrete and granular? Noticing some discrepancies between the structural notes and what’s noted on the foundation plan.
<b>Answer #63</b>	Slab on grade construction is to be 5” concrete w/ 6x6 6/6 WWM on 8” compacted granular ‘A’.
<b>Question #64</b>	Hinges are specified to be face frame, cabinets are all frameless, I will use our standard Blumotion(soft) hinges for this, unless question about drawers below is to keep side mount slides they will non softclose.
<b>Answer #64</b>	No, under mount slides are not acceptable.
<b>Question #65</b>	Backs are specified Hardboard with melamine, this does not exist, we will use standard particle board melamine to match whatever interior from above is acceptable.
<b>Answer #65</b>	Refer to Specification – 06 40 00 Architectural Woodwork. Refer to Part 2.4.5 – Back to be ¾” Particleboard with TFL.
<b>Question #66</b>	Spec document has 1” shelves, drawings show ¾” shelves, both with Melamine finishes everywhere ¾” shelves shown as post formed(does not exist), we will edge the shelves all 4 sides, but please clarify thickness?
<b>Answer #66</b>	Refer to Specification – 06 40 00 Architectural Woodwork. Refer to Part 2.4.6 – Shelves are to be ¾” Particleboard with TFL as noted on drawings A600’s.
<b>Question #67</b>	5mm shelf pins spec’d in document, 3mm shown in drawing, we will price our standard 5mm shelf pin?
<b>Answer #67</b>	Refer to Bid Drawings Millwork – A600’s. Revise adjustable shelves support pins to be ¼” dia. as per specification. 06 40 00 part 2.3.
<b>Question #68</b>	Full extension, self close, side mount slides are specified. In our experience these types of slide’s functionality is sub par, can we sub our undermount blum Movento?

<b>Answer #68</b>	No, under mount slides are not acceptable. Design doesn't allow for under mounting of upper drawers in draw banks.
<b>Question #69</b>	There is no interior colour specified, it all points at the Uniboard K18, there will be significant savings if we use standard white interiors as apposed to finished interiors everywhere?
<b>Answer #69</b>	Please provide standard white interiors.
<b>Question #70</b>	Referencing A001, A423, A424: please confirm the R value for horizontal rigid board insulation R10 or R20 and also provide the thickness for vertical and horizontal boards.
<b>Answer #70</b>	Refer to Bid Drawings Assembly Types – A001's. Revise FDN5 & FDN6 Horizontal insulation to be R20 typical.
<b>Question #71</b>	There is a specification for Hydro seeding but it doesn't look like it is noted any where on the drawings, Please advise?
<b>Answer #71</b>	Please review Architectural Site drawings AS101 & AS102 for hydro seed locations
<b>Question #72</b>	<p>The provided City of Brantford – Network Cabling Specifications guide states that Cat 6A cabling is a firm requirement and any deviations from Cat 6A require approval by IT infrastructure. However, there's a note in the documentation</p> <p>II. Subsystems and Components A Cabling Subsystem 1- Horizontal Copper Cabling System". All cable pulled and terminated shall be Cat 6A unless specified otherwise in the project documentation."</p> <p>The core RFQ states that only Cat 6 is required in multiple places, so can we assume this will meet the criteria noted in section f. above of the City of Brantford specifications, and we can quote using Cat 6 as per the RFQ documentation?</p>
<b>Answer #72</b>	No, all cabling must comply with the City of Brantford specifications.
<b>Question #73</b>	Please verify if the communications cabling will be in conduit/tray or if the cables will be suspended with J-hooks.
<b>Answer #73</b>	J-hooks must be provided for all above ceiling communications cabling that is not in conduit.
<b>Question #74</b>	DWG# E100 – 02 Concrete Base Detail – Note "See Structural" for information of the pole bases. They seems to be Art-Form Bases but no other information has been provided. Also, is the electrical contractor to supply these bases?

<b>Answer #74</b>	Refer to drawing 01/AS130 – Typ. Light standard base detail
<b>Question #75</b>	<p>Can you please provide clarification on the following:</p> <ol style="list-style-type: none"> <li>1. Please confirm section size of curtain wall – 6 <math>\frac{3}{4}</math>" stated on schedule or 7 <math>\frac{3}{8}</math>" on plan details?</li> <li>2. Are lever sets to be installed on all aluminum doors? (stated on schedule) or stainless-steel push/pull?</li> <li>3. Confirm G20 frame to receive a hollow metal door (schedule)</li> <li>4. Confirm <math>\frac{1}{2}</math>" tempered glazing or <math>\frac{1}{4}</math>" tempered glazing for interior frames</li> </ol>
<b>Answer #75</b>	<ol style="list-style-type: none"> <li>1. Revise wall sections to match 1600UT series by Kawneer – Refer to attached dwgs: ADD2.1 &amp; ADD2.2 for all effected sections.</li> </ol> <p><b>Refer to Bid Drawings Door &amp; Glazing Schedule – A721.</b></p> <ol style="list-style-type: none"> <li>2. Revise general door and frame notes 3 to become – "Install all door handles &amp; mounting heights as specified in hardware schedule."</li> <li>3. Revise door 125B from HM type C to Alum type B.</li> <li>4. Revise interior glazing to be <math>\frac{1}{4}</math>" thick clear tempered glass, unsealed joints.</li> </ol>
<b>Question #76</b>	Please clarify that it is to be 1 inverter to feed all inv-lighting and exit sign's. Please provide inverter size and single line diagram of wiring.
<b>Answer #76</b>	Inverter size is 750VA. Basis of design is IOTA. IISCN 750. Inverter shall feed all fixtures tagged with "INV".
<b>Question #77</b>	Exit lights 26-08-15 shown as self powered units, but drawings show them as fed from inverter.
<b>Answer #77</b>	All exit lights and fixtures tagged with "INV" shall be fed from the inverter battery unit.
<b>Question #78</b>	KA rating of panels A, B, and C required
<b>Answer #78</b>	22kAIC.
<b>Question #79</b>	Door 125B references HM Frame but the frame is actually G20 screen and it references that the material is Kawneer Aluminum. Please confirm material.
<b>Answer #79</b>	Refer to Drawings Door & Glazing Schedule – A721. Revise door 125B from HM type C to Alum type B.

<b>Question #80</b>	Under specifications the document titled COB Facility Physical Security Standards reading the document we noticed that security is required for a courthouse and the perimeters. Is this separate work from the animal shelter? Can you clarify this as there is no mention of the animal shelter it all pertains to the courthouse.
<b>Answer #80</b>	The COB Facility Physical Security Standards document is a general document that is applicable to all CoB facilities. Please ignore the mention of courthouse.
<b>Question #81</b>	Do you have a SWM report?
<b>Answer #81</b>	SWM is covered in the attached Servicing Analysis.
<b>Question #82</b>	G20 in schedule on page A722 – please confirm door and frame to be aluminum or hollow metal
<b>Answer #82</b>	Refer to Drawings Door & Glazing Schedule – A721. Revise door 125B from HM type C to Alum type B.
<b>Question #83</b>	On pg A721 – door and frame notes – are all doors to have lever handles as opposed to finishing hardware 2.02 manufacturers – continued: stainless steel door pulls.
<b>Answer #83</b>	Refer to Drawings Door & Glazing Schedule – A721. Revise general door and frame notes 3 to become – Install all door handles & mounting heights as specified in hardware schedule.
<b>Question #84</b>	Specification 10 51 13 calls for five tier locker, freestanding as well as two tier and the drawing shows two tier, kindly confirm if five tier or two tier?
<b>Answer #84</b>	Refer to Specification – 10 51 13 Metal Lockers. Revise Part 2.1.1. – Remove reference to five tier lockers.
<b>Question #85</b>	Specification 10 00 10 specifies Kennel Guillotine Doors and Kennel Stall Doors and Glass, Drawing A102 specifies Interior Guillotine Doors (4), Exterior Guillotine Doors (5) and Kennel Stall Doors and Glass (11). Are items 4 and 5 the same spec?
<b>Answer #85</b>	Yes, construction notes 04 and 05 on A102 refer to 10 00 10 part 2.2.1.
<b>Question #86</b>	Please confirm if GC should include the in-ground waste bin.

<b>Answer #86</b>	No refer to drawing 09 on AS103 – Dumpster N.I.C.
<b>Question #87</b>	In regards to construction Notes & Specs on Dwg C103 1.9, Please confirm all required fees for testing and inspection, excluding any post construction inspection required is to be covered under cash allowance.
<b>Answer #87</b>	Geotechnical compaction testing, mandrel testing, CCTV within private site, periodic civil inspection (48 hours' notice), watermain testing per note 4.16. Per municipal standards within ROW including tie ins.
<b>Question #88</b>	Per section 23 81 43, Heat pump, detail note 2.1.22 mentions unit to be BACnet compatible for integration to BAS. Please confirm if heat pump requires an interface to BAS as it is not shown as a part of HVAC controls schematic (M502) and also confirm the number of BACnet points to be monitored via BAS.
<b>Answer #88</b>	Refer to specification section 23 81 43 for BACnet requirements of heat pumps. Refer to Section 25 90 00 for sequence of operation and controls points.
<b>Question #89</b>	<p>Per detail drawing M702, water meter and sub-meter are shown (snip below). Kindly confirm supply scope and install for these meters need to be carried by Div 23 Mechanical.</p>  <p>The diagram is a schematic of a water service connection. It shows a 'WAKE-UP WATER TO HVAC EQUIP.' line at the top left, which is a 2-inch line. This line connects to a 'SUB-METER FOR POTABLE WATER' (highlighted in yellow). The line then continues as a 1.5-inch line to a 'REDUCED PRESSURE BACKFLOW PREVENTER (WAKE-UP WATER)' and a 'DOUBLE CHECK BACKFLOW PREVENTER (PREMISE ISOLATION)'. Below these, the line is 1.5 inches and then drops to a 1-inch line. This 1-inch line has a 'WATER METER' (highlighted in yellow) and a 'DRAIN' connection. The line then continues as a 1-inch line to a 'TERMINATE DRAIN OVER PUNNEL FLOOR DRAIN'. A note indicates 'WATER MAIN 12" ABOVE FINISHED FLOOR BY CIVIL CONTRACTOR SEE CIVIL DMS FOR LINE SIZE.' The drawing is labeled '7 M702' and 'SCHEMATIC OF WATER SERVICE'.</p>
<b>Answer #89</b>	Scope and installation is by Division 22 Plumbing trade.
<b>Question #90</b>	Please confirm if water meter & sub-meter need to be monitored on BAS.
<b>Answer #90</b>	No BAS monitoring is required.

<b>Question #91</b>	For receiving bay area, CO & NO2 sensors are required. Please provide the specifications for the gas detection system or sensors.
<b>Answer #91</b>	Refer to the attached VR ME-02.
<b>Question #92</b>	Referencing A102 Laundry Room 132 please provide specification for portable laundry racks.
<b>Answer #92</b>	Portable laundry racks are not included as part of the scope as noted by the hatched lines.
<b>Question #93</b>	Please confirm all appliances are by owner.
<b>Answer #93</b>	Yes, that is correct – as noted with hatched lines.
<b>Question #94</b>	Elevation drawing A301 shows the top of steel for the various canopies as 13'-4" AFF but this appears incorrect as indicated as 9'-6" on the structural drawings. Please clarify this dimension.
<b>Answer #94</b>	Refer to drawings – A300's & A425. Revise height T/O low canopy steel to 9'-6" as per structural drawings.
<b>Question #95</b>	<p>Kindly confirm if all the roof top units are coming with all sensors and devices (as required in schematic snip – dampers with actuators, filter DP sensors, avg sensors, temp, humidity, pressure sensors, room temp sensors ). BAS Controls contractor need not carry the supply scope of these devices.</p> 
<b>Answer #95</b>	Sensors/devices outside of RTU enclosure shall be by Div. 25.

<b>Question #96</b>	Per section 23 74 00 Roof top units section 2.12 Controls mention units are coming with terminal block for field installation of DDC Controls. Since terminal strip connection will be provided, we understand that unit shall come with its own OEM Control panel that controls the operation of the unit. Please confirm.
<b>Answer #96</b>	Packaged controls shall operate the rooftop units. BAS adjustability shall be provided for setpoints described in sequence of operation.
<b>Question #97</b>	Project locates complete?
<b>Answer #97</b>	Locates expire, therefore; it will be the responsibility of the General Contractor to provide new ones.
<b>Question #98</b>	Is this a LEED project? (with recycling program, low VOC, FSC lumber, phenol-formaldehyde adhesive, etc.)
<b>Answer #98</b>	No.
<b>Question #99</b>	Elevation G15 & G16 from screen schedule calls for CRL 490 series Sliding door. Please note, this series has been discontinued. Can we use framed sliding door from another supplier? Please advise on alternative.
<b>Answer #99</b>	Please see Addendum # 1 Answer # 9.
<b>Question #100</b>	Would you accept the Upwordor TX450 door as an approved alternate?
<b>Answer #100</b>	Refer to Specification – 08 36 13 Sectional Metal Doors. Add TX450 by Upwordor to approved alternates.

Question #101	We have some concerns over the spec'd door hardware 08 71 00. For example, the door pull handles:			
	Door Pulls: Provide door pulls manufactured from stainless steel and chrome plated. Door pulls shall be installed so they do not interfere with the cylinder operation at scheduled openings.			
	(CBH)	H49-1800 H49-1802 7530B-1 7004	no substitution no substitution no substitution no substitution	
	The architect has spec'd CBH pull handles, listed those catalogue numbers, and aren't allowing substitutions. Unfortunately, some of those catalogue #'s may be invalid or out of date:			
	<b>Brantford Animal Shelter</b>			
	<b>Heading #1</b>			
	1	pair doors	101 exterior from vestibule 101	RHRA
	Type A 2 @ 38" x 84" x 2-1/4" insulclad aluminum doors / aluminum transom screen 28" x 35" upper lite - 5" top rail and stiles 28" x 29" lower lite - 8-1/2" mid rail, 6-1/2" bottom rail			
	6	hinges	T4A3386 5" x 4-1/2" NRP	630
	2	current transfer	CEPT-10	630
	2	door contact (concealed)	PFC42WY (concealed) (DPDT x 3/4" Ø)	BLK
	1	key removable mullion	L980A x 86"	628
	1	mortise cylinder	41 (removable mullion) (temporary for construction phase)	630
	1	removable mullion bottom brkt	98-2525 (for L980A)	630
	1	electric exit device	LC-55-56-8504J x 649 x 24V (rhr)	630
	1	exit device	55-56-8510J x 649 x 24V (lhr)	630
	1	rim cylinder	34 (temporary for construction phase)	630
	1	rim cylinder	permanent cylinder by locksmith - supplied/installed by 08710	
	1	mortise cylinder	permanent cylinder by locksmith - supplied/installed 08710 (for mullion)	
	1	door pull	H49-1802 x 2-1/4" door (lhr)	652*
	1	door pull	H49-1802 x 2-1/4" door (rhr)	652*
Answer #101	H49 series are produced by CBH. But not listed in catalog as they are custom manufactured for the JPW specifications. Reach out to CBH for pricing.			
Question #102	Do you want blinds from mullion to mullion? Please advise.			
Answer #102	Please see Answer # 5 in Addendum # 1.			



Clarification #1-2 previously answered in Addendum #1 issued October 22, 2024

<b>Clarification #3</b>	See the attached updated Civil items and drawings found in MTE Addendum-EIS attached herein.
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**END OF ADDENDUM**