

ADDENDUM # 6 FOR RFP 2425-296

GC Services for Seniors Emergency Medicine Centre (SEM) Project at TWH

Date: November 12, 2024

Number of pages including cover page: 8

Following information is published in reference to the above procurement opportunity dated October 15, 2024.

A. ADDITIONAL SITE VISIT (OPTIONAL)

An optional site visit has been arranged for GCs and trades. Appreciate if you could advise locations of interest in advance. Note: SEM ceiling tiles will not be removed.

Time: November 15, Friday at 11:00am

Meeting Point: Atrium, Toronto Western Hospital, 399 Bathurst St., Toronto

B. RESPONSE TO QUESTIONS

1. Can the owner please confirm they have carried the cost for the Integrated Testing Coordinator (ITC) as part of the Code required 3rd party Integrated Systems Testing (IST) CAN/ULC-S1001? Can they also please provide the draft IST plan as part of the bid documents and confirm that the Contractor and subcontractor are only required to participate in the testing?.

Response: Bid Form will be revised to include 40k Cash Allowance for third party testing.

2. Can the chiller piping be rerouted from the 3rd floor up to be installed on the brick wall?.

Response: Refer to arch. drawings for exact elevation.

3. Are Armstrong & Spirax Sarco acceptable for the DHWH's?.

Response: Refer to addendum M-03 for updated schedule and spec. (To be issued), The heaters are double wall shell and tube style on skids (vertical arrangement). Both suppliers are acceptable as long as they meet the spec.

4. Split system basis of design lists Daikin/Refplus, but not listed in specifications.

Response: Bases of design are acceptable even not in spec..

5. Heat exchangers shown in specifications, but none shown on drawings. Is it required.

Response: The New heat exchanger schedule will be added (M-03), refer to M-602 for system for new HEX.

6. Confirm extent of separate prices as shown in Dwg M-003. More details need to be established to generate firm pricing.

Response: Arch. to issue updated drawing.

7. Which separate price does the DCW, DHW & DHWR on drawing M-111 outside the crawl space fall under?.

Response: Arch. to issue updated drawing.

8. Provide the existing system manufacturer for PA.

Response: No tie-in to existing PA system to be required. Please provide a new independent system for SEM center.

9. Provide PA system specs..

Response: EXP_E: PA specs will be incorporated in upcoming addendum.

10. Ref. To Addendum #4, Electrical drawings no. E-205, Confirm the fed panel location is correct?

Response: EXP_E: fed panel location will be updated in coming addendum.

11. Provide the manufacturer and model of the following panel boards:

- RP-1-1EA
- PP-EAAA".

Response: EXP_E: Please provide a new panel for RP-1-1EA instead of using existing one. For the feeder from basement to roof unit to be fed from SWBD-NEA as shown on drawing E-204.

12. FFE items – Addendum 04 issued FFE item list, UHN please confirm all those items to be supplied by UHN.

Response: Washer-Disinfector supplied and installed GC, refer to mechanical specifications

Stainless Steel Table SLH-01 supplied and installed by GC, refer to A800.

All other equipment on FF&E list are supplied and installed by owner unless otherwise noted in A1000: Schedule of items supplied by owner and installed by contractor.

13. Please confirm the seismic classification of the existing TWH buildings where work is to be performed, is it considered as “Post Disaster Building”?

Response: The buildings are considered Post-Disaster.

14. Kindly confirm the Seismic design requirements for this tender.

Response: Refer to Design Load Notes number 6 on drawing S001.

15. Are there any restrictions/limitations in the usage of equipment for the crawl space excavation.

Response: No gas or diesel powered equipment inside the existing building]"

16. Is there any base building roofing contractor? Is the existing roof under warranty?.

Response: No base building roofing contractor. UHN has been using Bothwell-Accurate for roofing repairs.

17. Is the existing metal cladding under warranty? Do we need to carry any specific trade to work on this item.

Response: No warranty No specific trade.

18. Please clarify if 2.1 Unit Prices of section 31-63-33 required? I don't find this in price exhibit.

Response: UHN will provide updated Bid Form to capture.

19. Please clarify the extent of the “Disclaimer” mentioned on dwg. S101, we are assuming that it is only limited to the means and methods of the tunnel construction.

Response: The disclaimer on drawing S101 is for the means and methods of the tunnel construction.

20. Please clarify the intent of requesting the breakout prices (4.2 of price exhibit), is there possibility of one or more items to be deleted from the base bid. The wording in the price exhibit form states “The decision to include or exclude the breakout prices from the final accepted scope of work will be at the sole discretion of the Owner”.

Response: UHN has full intent and desire to proceed with all scopes and have successful completion of the entire SEM Centre project. Some of the breakout items will be applied to different UHN cost centers and require identification in the Bid Form. Being a Donor funded project we must protect against the budget.

21. Please clarify if there is any substantial completion date set by the client.

Response: UHN desires an expedient and efficient delivery of the project. GC is responsible to provide a realistic work schedule. Separate section in the Bid Form allows for GC to present options to expedite the project for additional cost.

22. Please provide the spec and weight of the existing chiller to be relocated.

Response: Appendix 1 is provided as part of the Mech Spec. for existing chiller shop drawing with all the information.

23. Please advise on how the existing buried service is to be supported during the hydro vac process to create the new crawl space.

Response: If existing buried services are exposed during the excavation process, proceed with caution and install pipe support hangers, to suspend pipes from the underside of the ground floor slab, at regular intervals to ensure pipes are adequately re-supported as the soil is removed.

24. Are all the equipments shown in mechanical room BEW945, sump pumps SP-03 & SP-04 along with the sanitary piping; DCW, DHW and DHWR on drawing M-111 outside the areas marked crawl space, part of the SEM separate price? It is not marked with any coloured hatch marks on either drawing A004 or M-003.

Response: Crawl space separate price is only to include for any mechanical items that service the crawl space intent. Yes for sump pumps and well drains, etc.

25. Please clarify if separate price 4.2.6 1EW SAI Office Space is the green hatched area on drawings A004 and M-003 marked as SAI Touchdown Day Area.

Response: Yes green boundary is for SAI Offices. The titles "SAI Office Space" and "Touchdown Area" are references to the same area.

Please confirm if we are connecting a 1-1/4" DHWR branch lines to 3/4" DHW branch lines.

Response: All branches to be 20mm and refer to M-03 for main loop sizing clarification

26. Are there to be two prices for this breakout? Patient Transfer Area shown as hatched on drawing A004 to be separate from the corridor link not shown hatched? Line states (This price included in the Total Exterior Corridor Link above:) \$_____.

Response: The intent here is to breakout the total SEM Corridor cost and simply identify the Patient Transfer portion cost carried within it. The Patient Transfer portion may have a different cost center and thus requires identification.

27. Are the storm lines with roof drains and heat tracing part of the corridor scope, since they are not listed under patient transfer area?

Response: Yes part of total SEM Corridor scope and cost, but not to be included in the identified Patient Transfer portion as noted in A44

28. During what hours proposed senior emergency center work to be performed.

Response: Regular business hours. All prolonged heavy vibration and extreme noise scopes that will impede on Hospital operations to be completed afterhours. hammer drilling, jack hammering, etc..

29. Addendum 3 issued excavation and backfill specification section 31 23 00, clause 1.3.2.4 indicates ""Payment for Inspection and Testing Company will be made by cash allowance specified in section 01 21 00"", but there is no such section 01 21 00, UHN please confirm the cost of Inspection and Testing to be included in the Appendix B clause 4.4 cash allowances.

Response: Bid Form will be revised to include 40k Cash Allowance for third party testing

30. Addendum 3 issued excavation and backfill specification section 31 23 00, clause 1.5.2.1 indicates ""It is believed that portions of original foundations and footings have been abandoned in place, Additionally, an existing caisson wall from the excavation shoring system for the original construction of the Fell Pavilion building is believed to exist along gridline FL. Demolition of part of this caisson wall, including walers and tie backs, will be required to complete the tunnel excavation and new construction, Refer to available geotechnical reports for descriptions of soil physical and environmental properties"", but the provided reports do not provide any useful information of existing abandoned foundation and caisson wall system for this bidder's demolition pricing purpose, UHN please carry additional cash allowance for demolition of existing abandoned foundations, existing caisson wall and walers and tie backs.

Response: No additional amounts to be added to the General Unforeseen Abatement Cash Allowance. Drawing S101 Issued for Structural Addendum 2, dated 2024.11.01 shows approximate existing abandoned foundations and the existing caisson shoring wall along line FL. Drawing S403, Section 1 provides details of the existing caisson shoring wall."

31. We find this project has very complicated and the bid price need so many price breakdowns involve. To understand the project properly and to allocate the pricing for each breakdown needs more time. We, therefore, kindly request you to extend the bid closing date and RFI date by at least 4 weeks.

Response: See Addendum 5. See A36

32. Please clarify the separate price - what area and scope of work is part of the separate price option?

Response: There are multiple breakout prices required and identified on the Bid Form. Some drawings indicate the word 'Separate' Pricing, this is in reference to Breakout Pricing.

33. Please provide the base building contractors for Nurse call, PA, Communications and Security System - div 27 and div 28?

Nurse Call: Tim Love 416-624-2690 Austco Healthcare.

Communications: None, must be Belden certified.

Security: Jayson Warrilow 647.236.1458 Securitas Technology

34. Please be advised that Securitas will not provide switches. This is by the data/structured cabling vendor or E.C.

Response: UHN Digital will provide the switches. Communication Contractor to supply and install all cabling

35. Confirm the likely start date for drilling micropiles.

Response: GC to schedule upon relocation of items in Corridor path such as Chiller and Load Bank.

36. Confirm the location of the pre-production micropile for the static load test.

Response: Contractor to propose location.

37. Are there any restrictions on working hours?

Response: See A51. Also all scopes pertaining to existing stair to remain open for project duration should be scheduled afterhours at minimized Hospital occupant loads

38. Drawing M-300A references drawings from Swiss Log for more information and scope. Please also confirm if owner has carried this scope, if not, please provide these drawings, specs, and contact from Swiss Log.

Response: SwissLog scope to be carried by Mechanical Contractor. General Contractor has scopes for pneumatic tube system, see Swisslog drawings. Drawings have been provided. Michael Fedoruk

Swisslog Healthcare

Mobile: 416-618-6855

Michael.fedoruk@swisslog-healthcare.com

39. Can you please confirm the wall assembly for the BG tunnel for Exit stairs C. Architectural Drg. A521 calls for W1 wall assembly and structural Drg. S401 calls for W5 wall assembly.

Response: Architectural W1 is an above grade wall type. W5 is foundation wall type.

40. Please specify granular fills types in structural sections

Response: Refer to specification section 31 23 00.

41. Ref. to drawings no. E-003, separate price plan, confirm four separate prices are required.

Response: There are six (6) breakout prices required and to be included within the Total Bid Price: SEM Centre, SEM Corridor Link, Crawl Space, SAI Offices Touch Down Space, Fell Wall Waterproofing, Landscaping. See A75

Provide the existing system manufacturers for Intercom system, Nurse call system, master clock system, 42. patient transfer QR code access and access control.

Response: See A76 for Nurse Call and Security devices. QR Code: Axis Communications Inc Aaron Kamitomo

aaron.kamitomo@axis.com

Mobile: 403 836 0946

Note: Patient Transfer device is different from QR Code device

Clocks: Primex.

43. Provide base building contractors for security and CCTV systems, intercom system, nurse call system, master clock system, patient transfer QR code access if applicable.

Response: See A76 See A110

44. Please confirm incoming pressure from Incoming water/sprinkler service pipe noted in M101 & within previous RFI.

Response: The pressure can be verified by the contractor if required. All mechanical services for water to be connected after the existing booster pump.

45. Given the complexities associated with the project, the trades are requesting an additional site walkthrough

Response: See A4

46. We request an extension of the project closing to December 5th, along with the RFI deadline to November 22nd, we do not expect this extension to impact the anticipated construction start of January 2025.

Response: See Addendum 5

47. Please confirm extent of campus to which the relocated storm and sanitary are serving.

Response: Question is not clear. Assuming courtyard services contractor to verify on-site via scanning and coordinated with civil.

48. Please provide U/S Existing slab on grade prep detail for angle connection noted 2/S111

Response: Prepare same as for SOG. Refer to Slab on Grade Notes GN-004 on Drawing S001.

49. Please confirm any post saw cut surface prep to any openings made through existing foundations to exposed rebar conditions.

Response: None.

50. Pneumatic Tube System: Confirm Pneumatic Tube System cost value will be carried by mechanical trade or GC.

Response: See A101

51. Separate Pricing: Confirm extent of separate prices as shown in Dwg M-003. More details need to be established to generate firm pricing.

Response: Also see A75 and A105

52. The mechanical dwgs shows sump-pit are cast-in-place. I want to ask if we could work with a precast option, we have these two sizes available 0.9x0.9x2m or 1.8x1.8x3m sump pit.

Also, the precast load bank vault require a size of 2134mm by 2134mm (assuming it's a square size vault). We have produced in the past a similar vault of size 2250 by 2250mm. Could this serve as a substitute"

Response: IT WILL BE DIFFICUT TO INSTALL PRE CAST PIT WITH THE HEIGHT AVAIALBE FOR CRAWL SPACE . CARRY CAST IN PLACE AS MAIN BID COST. CONTRACTOR TO CARRY ALTERNATE PRICE FOR PRE CAST PIT AND THE FESIBILITY FOR ALTERNATE OPTION CAN BE REVIEWED DURING CONSTRUCTION.

53. Confirm if UHN Digital will be patching at existing IT Closets. If not, provide patching drawings and confirm only 48 port patch panel is required in IT Closet. Switch set up and provisioning by UHN Digital.

Response: Yes UHN Digital will complete patching. GC is to provide all patch cables of 2 lengths. Switch set up and provisioning by UHN Digital. New SEM Centre Digital Room is to be handed over six (6)

weeks earlier than SEM Centre for UHN Digital to complete their scope. GC responsible for ensuring early handover of this room

54. Per 3/E501, confirm if wireless survey study is to be carried by UHN. WAPs to be supplied by UHN and turned over to contracting team for installation.

Response: Wireless survey and WAPs supplied by UHN , GC install with 15'-0" cable coil in ceiling for placement adjustment.

55. Confirm when SWBD- MRI Can be shutdown to install new Chiller feeders.

Response: See A135

56. Confirm UHN Security will set up new security cameras and work with contracting team to verify camera views.

Response: Yes confirmed UHN Security must be advised by GC for confirmation of all camera viewing angles prior to final GC placement and install.

57. Please confirm who will be completing commissioning of the existing chiller and load bank?

Response: UHN has engaged a Commissioning Agent.

58. Please confirm if all permits, Leonard avenue lane closures, street entry, Tree removal permits will be completed by the Owner.

Response: All these items referenced are the responsibility of the General Contractor. UHN is responsible for Building Permit.

59. Please confirm heights of P1 HSS column as per detail section 3 in S114

Response: Refer to Chiller Framing Plan Note 3.

60. THE FINISH SCHEDULE SHOWS CG3 AS STAINLESS STEEL CORNER GUARD AT TILE CORNERS WHEREAS THE FINISH PLAN AND DETAIL 5/A611 CALLS OUT CG2 AS STAINLESS-STEEL CORNER GUARD AT TILE CORNER. FOR NOW, WE HAVE ESTIMATED IT AS CG3. PLEASE VERIFY.

Response: There are 3 different corner guards on the project. They are listed on the Finishes Schedule and specific locations are tagged on Finishes Plans. All 3 are also in the Specifications.

61. (A 101, S112) The demolition legend on dwg A101 with the sloped hatched line in crawl space says existing ground to be excavated. In the same drawing a note shows 6 temporary openings in slab(as per dwg S112 the size is 1500 x1500 mm). Why are these openings for ? Are these openings for crawl space excavation? Demolition plan A110 does not show these 6 temporary openings. Why? Please clarify.

Response: Ground floor slab to remain. Openings in ground floor slab only. Openings provided for excavation purposes

62. (Standing Metal Roof) Detail 1/ A620 it calls out standing seam roof, but no profile, gauge or colour. I couldn't find standing seam roofing in the spec either.

Response: Refer to spec section 07 46 19 Metal Cladding Systems

63. (EW1 Corridor Soffit 1/A620) 11/ A620 I can't find any information on these drawings as to what "MTL3" is, if it is aluminum or composite, we could help with that as well.

Response: It should read ML3, which can be found on the Finishes Schedule, sheet A720 and Spec Section 07 62 00 Metal Flashing.

64. Please provide specs for the material on drawing MTL3 under the detail for 11/A620.

Response: It should read ML3, which can be found on the Finishes Schedule, sheet A720 and Spec Section 07 62 00 Metal Flashing.

65. There is a chiller to be relocated to the 8th floor roof (refer to drawing M-110A). Can you confirm if the chiller under warranty. If so, may we know the previous mechanical contractor who did the chiller installation. Would be best if same contractor is to be involved. Please clarify.

Response: No Warranty. Arctic Chill originally installed and since bought by Trane. Trane completes maintenance.

66. M-100A note 13 at grid EB-EC/E1-E3 – existing chilled water pipes to be installed down to MRI. What floor level is the MRI? Are we going to connect the new pipe just outside of the building? Please clarify.

Response: Pipes connects to the outside of the building only, there is no change in the interior system.

67. M-111 grid EB-EC/E1-E3 note 13 – Existing Storm and sanitary piping at the crawl space are to be demolished after installation of the new piping. Who will do the excavation? Is the new piping above grade or hang in the crawl space? Please clarify.

Response: The new pipes are above grade in the crawl space hanged to ceiling.

68. M-211A grid EC-ED/E5 , two (2) exhaust duct thru the roof. Is this the roof of the new external corridor? Please confirm.

Response: The ducts routing is shown on M-211A and M-313 along with fan locations. The is the existing roof for east wing.

69. Kindly provide the FF&E - responsibility matrix.

Response: See Addendum 5

End of the Cover page