

Addendum No: 1
Date: February 18, 2025
Owner: Northern Health
Stantec # 144320012

This addendum is to be read with and constitutes part of the tender document.

0.0 GENERAL

Posting – Tuesday January 28

Mandatory Site Visit – Tuesday February 11 – 11am at Main Entrance

Question Closing – Tuesday February 25 - 5pm

Final Addendum – Wednesday February 26 - 5pm

Closing – Friday March 07 – 2pm

0.1

Site visit list of attendance

(see attached document)

1.0 SPECIFICATIONS

Added information to front end specs.

Most works can be carried out during Normal Hours (07:00 – 16:00, M-F).

- Work on Level 0 is to be done to minimize disruption. Infection control measures are required, but access to this area should not be impeded for longer than absolutely necessary. It should be anticipated to be completed during evenings/weekends, with access left open during normal hours. Depending on scope of work, a containment cube may be a suitable solution in this location. No work is to happen in this area without prior coordination through Facilities Maintenance and the NHA Project Manager, who would coordinate with any impacted departments.

- All after hours work (anything outside of normal hours identified above), is to be coordinated and approved by site Facilities Management Staff and the NHA Project Manager.

- Contractor shall provide minimum 4 weeks notification prior to Mechanical / Electrical Shutdowns. Shutdown request forms are to be submitted to the NHA Project Manager at this time to allow for adequate coordination. Final dates for shutdowns are at the discretion of FM staff and may be adjusted depending on staffing availability/workload.

- Contractor to provide fire watch during Hot Work and Sprinkler Shut down. Contractor to

apply for a Hot Work Permit through FM.

- Noisy work is to be coordinated through Facilities Maintenance and the NHA PM prior to commencing.
- There is to be no Contractor parking on site, even within the paid public parking areas. There is paid street parking through the City of PG surrounding the hospital that can be used and we recommend carpooling to limit the number of vehicles near site. Parking in grassed/gravel areas on NH property is not allowed and may result in removal of offending vehicles at the vehicle owner's expense.
- Any deliveries/offloading of materials/equipment is to be coordinated through Facilities Maintenance or the NHA Project Manager. There is space near plant services, as well as at the loading dock that can be used, but access is to be coordinated when needed.
- There is no additional laydown area beyond the project boundaries for storage of materials, etc. Additionally, there is no space allocated on the UHNBC site for a dumpster, etc.
- There is no smoking or vaping on NHA property.
- Contractor access is coordinated through the NHA PM and site Facilities Maintenance staff. Photo ID/Contractor Access badges will be coordinated at the project start up. Sign in/sign out of Contractor staff and sub contractors will be required each day.
- Any incidents (safety, Infection Control, etc.) that occur on site are to be immediately reported to (in order), Site Facilities Maintenance contact (or after hours on call number) and NH Project Manager. Notification should be prompt, once all immediate safety concerns have been addressed to mitigate the impact. Additional notification may be required to Workplace Health and Safety, Infection Control, Worksafe BC, etc.
- Contractor to submit a "Risk Reduction Measures Construction Report" to NHA for review and approval prior commencement of construction. Each separate area of work will require a separate submission if the procedures followed will vary. All decisions regarding what level of infection control requirements are needed are made as part of a collaborative approach through the Multi-Disciplinary Team (which includes NHA and Contractor participants) before work begins.
- As outlined in the "Risk Reduction Measures Construction Report": The Constructor's on-site team shall include at least one person with demonstrated knowledge and experience in Infection Prevention at all times during construction. Workers not trained in infection prevention shall not work alone, shall work with or be supervised by trained personnel.
- The Preliminary Schedule used for bidding purposes at time of award is not considered an approved schedule. Construction Schedules must be reviewed with and approved by NHA prior to mobilization. Ongoing coordination and collaboration with NHA will be required to ensure that sufficient time is allowed for the NHA portions of work on this project. This includes, but is not limited to: IMIT moves, department moves, relocation into temporary spaces, etc. it is recommended to allow for two weeks of coordination time of Northern Health resources and stakeholders. Often this can occur concurrently with other project activities. Please clearly indicate any responsibilities or coordination activities on the schedule to be completed by Northern Health to ensure that the project schedule can progress as planned.
- All of this work is occurring within an active health care facility. Coordination is not intended to stop the project progress, but rather to ensure that NHA staff, patients and visitors are considered as well. D44

2.0 DRAWINGS

Not in use

3.0 CLARIFICATIONS

Q: From the Fire Alarm rep.

On the drawings there are Fire Smoke Dampers (FSD). I will allow for relays to shut them down, but the spec also mentions smoke detectors being required to activate these dampers.

I believe the code says that there needs to be a smoke detector within 1.5m of these dampers, so I would like the engineer to please respond with their specific requirements. Are we to use in-duct sensors, or place spot type detectors near the air grates or other? I would also request that the engineer please place the detectors where they want them on the drawings.

A: A duct smoke detector will be shown on drawings within 1.5m of each FSD and included in an addendum

Q: Please clarify who is to supply and install the hot water piping heat trace, Mechanical or Electrical. Also, please provide an installation detail and layout(s) of the heat trace required.

A: For electric heat trace refer to hot water temperature maintenance systems specifications section 22 05 34 and refer to electrical drawings for heat trace power connections. Refer to mechanical and plumbing drawings for the layout of the electric heat trace. Heat trace installation details as per manufacturer recommendations and manuals.

Q: Please clarify who is to supply and install the hot water piping heat trace, Mechanical or Electrical. Also, please provide an installation detail and layout(s) of the heat trace required.

A: On pg. 352 of specifications: In order to minimize disruptions to hospital operations, pipe freezing (by Nitro Pipe Freeze, <http://www.nitropipefreeze.com/>) may be required. To this end, include and provide and allow for 2 instance of pipe freezing (on domestic services at 4"ø pipe and 3"ø pipe diameter) plus 1 instance of pipe freezing (on domestic services at 1"ø pipe diameter) Refer to drawing M300. Disclose this cost value in the tendered bid as an included unit cost per instance, per pipe size. I do not see M300 in the mechanical drawings, can we delete?

Q: Specifications section 22 05 00 clause 1.15.10 and specifications section 23 05 00 clause 1.2.20 should be revised to be read as following.

In order to minimize disruptions to hospital operations, pipe freezing (by Nitro Pipe Freeze, <http://www.nitropipefreeze.com/>) may be required. To this end, include and provide and allow for 1 instance of pipe freezing (on domestic services at 2"ø pipe and 1"ø pipe diameter) plus 2 instance of pipe freezing (on domestic services at 1"ø pipe diameter) plus 2 instance of pipe freezing (on domestic services at 1 ¼" ø pipe diameter). Refer to drawings M201, M202 and M203. Disclose this cost value in the tendered bid as an included unit cost per instance, per pipe size. If pipe freezing is not required (ie. shut-downs can be accommodated by FMO by means of existing equipment/systems without negative impact on operations), then the total value amount(s) shall be returned to the Owner.

A: On pg. 352 of specifications: In order to minimize disruptions to hospital operations, pipe freezing (by Nitro Pipe Freeze, <http://www.nitropipefreeze.com/>) may be required. To this end, include and provide and allow for 2 instance of pipe freezing (on domestic services at 4"ø pipe and 3"ø pipe diameter) plus 1 instance of pipe freezing (on domestic services at 1"ø pipe diameter) Refer to drawing M300. Disclose this cost value in the tendered bid as an included unit cost per instance, per pipe size. I do not see M300 in the mechanical drawings, can we delete?

Q: 1_HVAC: is there any work that requires to be done after hours.

Spec sounds like the entire job will be.

2_Duct Cleaning: Where will we be able to safely run an airline into project area and park our Sprinter during the cleaning as our compressor is in the Sprinter and an airline needs to be run from outside into the work areas.

3_Duct Cleaning: The Vacuum for duct cleaning is very loud, what would be an appropriate time for this work to be done?

4_Duct Cleaning: Just want to clarify this will be required as spec asks for certificates for duct cleaning.

A: 1_Night-time and weekend work are required for all shutdowns and connections into existing, and for the coordination (ie. planning) of such work. Allow for multiple shut-downs and re-charges, to accommodate the work. (Contractor to confirm the dates and hours with the owner). Refer to specifications and coordinate with the owner.

2_Please Coordinate with the owner.

3_Night-time and weekend work might be required. The appropriate time and date shall be coordinated with the owner.

4_Duct cleaning and certificate of duct cleaning is required. Refer to specifications.

Q: Regarding the PA Speakers; Will this be a new system with amplifiers or will it be adding on to existing PA circuits? Please provide information and specifications for the PA System Speakers, cabling and head end.

A: Existing PA speakers are to be re-used in relocated positions to suit new layouts. Any new PA speakers required are to match existing devices and use existing PA circuits.

Stantec Architecture Ltd.

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END OF ADDENDUM #1

TENDER SITE TOUR ATTENDANCE LIST

Project: UHN Cardiac Phase 3

Date: Feb 11, 2025 - 11am

Consultant: Stantec

Project Manager: Jay Dupras

Name	Company	Telephone	Email
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TENDER SITE TOUR ATTENDANCE LIST

Project: UHN Cardiac Phase 3

Date: Feb 11, 2025 - 11am

Consultant: Stantec

Project Manager: Jay Dupras

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