



966-2010 ADDENDUM 5

NEW FIRE PARAMEDIC STATION NO. 27, SAGE CREEK BLVD.

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: February 4, 2011
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20070419

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

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|---------------|--------|--|
| Section 09650 | 2.1.2. | Add: "Colour: Solid Black". |
| Section 18510 | 2.1.4 | Delete: High Transmission Loss (HTL) Ductwork: galvanized ductwork of same gauge as outer casing of adjacent duct silencer, minimum 16 gauge. |
| Section 18519 | 3.1.11 | Delete: Install HTL ductwork between silencer and mechanical room wall. |
| Section 18519 | 3.2. | Delete:
Cage wash exhaust, 304 stainless steel, 2000fpm, -2in.wg, 6 (cfm/100sf@ 1 in.wg).
Glass wash exhaust, 304 stainless steel, 2000fpm, -2in.wg, 6 (cfm/100sf@ 1in.wg). |
| Section 18825 | 2.1.7 | Add: Backdraft damper: Motorized, aluminum multiple blade construction, felt edged with nylon bearings. |
| Section 15925 | 2.1.5 | Add: Roof mounted exhaust fans to be controlled with associated motorized dampers. |
| Section 16141 | 2.3.3 | Add:
Electrical cable reels: Heavy duty cable reel ratchet looking at any position NEMA 4X rated c/w 2@ NEMA 5-15 duplex receptacles on cord and ball stop retraction limiter, 50 foot length. Woodhead or approved equivalent. |
| Section 16141 | 2.3.4 | Add:
Occupancy Sensors:
1. Ultrasonic type, ceiling mounted detecting presence in areas shown by detector dopler shifts in transmitted ultrasound. Provide level mounting plate from ceiling structure for mounting sensors. |

2. Transmitted ultrasound shall be above 25,000 Hz and shall not interfere with sound generated by adjacent sensors.
3. Sensors shall sense a person of average size moving a distance of 2" and retain lights in "ON" state.
4. Sensor shall have an integral bypass shunt switch for service or manual operation.
5. Sensors shall be unobtrusive with no protruding lens or sceens.
6. Sensors shall be temperature and humidity resistant. The receiver shall suffer no more than 60 dB shift over range RH 10% to RH 90% and not more than 10 dB from 020 deg. To 60 deg. C.
7. Multiple sensors shall be wired in parallel to obtain coverage noted.
8. Time delay to "off" shall be adjustable from 3 minutes to 20 minutes.
9. Ultrasonic ceiling sensors for large areas to be Lighting Control & Design approved equivalent, complete with wireguard (where noted).
10. Ultrasonic ceiling sensors for washrooms to be Lighting Control & Design approved equivalent.
11. Wall occupancy sensor switches (offices, storages, etc).
12. Sensors shall carry CUL listing.
13. Systems shall carry a 5 year warrenty.
14. Sensors shall interface with power / relay packs as required by the same manufacturer to control the loads as noted.

Section 16721 2.1.16.3

Add:

Mircon FX-2000 Series Control Panel, note all devices shall be addressable as per electrical specifications.

DRAWINGS

Replace 966-2010 Addendum 2 Drawing A1.1-R5 with 966-2010 Addendum 4 Drawing A1.1-R6.

Replace 966-2010 Drawing A4.1-R4 with 966-2010 Addendum 4 Drawing A4.1-R5.

Replace 966-2010 Drawing L1-R2 with 966-2010 Addendum 4 Drawing L1-R3.

Add 966-2010 Addendum 4 Drawing SK1.2A-R0

Add 966-2010 Addendum 4 Drawing SK2.4A-R0

Add 966-2010 Addendum 4 Drawing SK2.4B-R0

The above drawings refer to Structural Drawings S1.2 & S2.4.

Add 966-2010 Addendum 4 Drawing M4.1B-R0

The above drawings refer to Mechanical Drawings M4.1.

QUESTIONS

1. Detail A7.3-12 it states surface mount soap dispenser, standard toilet paper roll-double and sanitary napkin dispenser in NIC, but in section 10800.2.2 it states that they are included. Please clarify which specification to follow.
 - *Section 10800 is correct. These items are in contract.*
2. Owner equipment list Section 11100 it lists a number of items included in contract, are we to carry these costs in our base bid?
 - Yes.
3. Drawing A1.1 there is a property line shown around the Fire Paramedic Station as well as property lines as per purchase agreement which extends further. Which property line are we to follow? And is the shared laneway in our contract or will be done by others?
 - *Both property lines are correct. The agreement of purchase had a provision to allow for the shared laneway. The inside property line should be taken as the actual property line as we are not responsible for anything outside of this line. The shared laneway will be done by others.*
4. Is there a spec for the shower doors in the men's and women's washrooms? Type of glass, hardware etc.
 - *This was addressed in Addendum 2. See revised section 10800.*
5. Section 08000 Part 2.1 has the IGU types for all the aluminum windows but doesn't mention the exterior aluminum doors. Can you please clarify?
 - *The doors will be the same as the windows. GL2 either A or B depending on orientation.*
6. Aluminum frames W1 and W2 are these to be Aluminum Curtain wall or Aluminum windows? Please clarify?
 - *Aluminum curtain wall.*
7. Is there a specification for Metal Ceiling Mesh? Section 09515 only mentions the grid with no manufacturer for the Modular Mesh Panel.
 - *Refer to Section 05590.*
8. Are Modular mesh panels required in the bathroom and shower room light valences. It looks as though it may be indicated on the drawing but I am not certain, Please Advise.
 - *No they are egg crate valences.*
9. On drawing A2.2, shown are control joints on slab, being a structural slab are these control joints necessary?
 - *No these are not necessary and may be deleted.*
10. On the supplementary bid form Section 15001, it states "Mechanical shall submit this Supplementary bid form to the consultant at the time of tender closing to the consultant". Is this form necessary when submitting our bid or should the low bidder only submit this information after tender close?
 - *This form is NOT required at tender close. This would only be required to be submitted by the successful contractor after award.*
11. On the supplementary bid form Section 1600, it states "Electrical shall submit this Supplementary bid form to the consultant at the time of tender closing to the consultant". Is this form necessary when submitting our bid or should the low bidder only submit this information after tender close?

- *This form is NOT required at tender close. This would only be required to be submitted by the successful contractor after award.*
12. By my understandings the General Contractor is responsible for work within the property line, with reference to drawing SS-1 who is responsible for site services such as the water main and sewer lines leading up to the property? As well as the concrete approach and sidewalk cutting / demolition south of the proposed building?
- *The contractor will have to install the water main and sanitary on Sage Creek Blvd. to connect with the services on site. The restoration will include replacement of the existing facilities. This work will include the sidewalks, curbs, roadway and grass boulevard and median.*
The entrance / exit onto Sage Creek Blvd to this site is to be included in this project. The changes to the median and access to the side entrance is to be completed by others. Ie. Genivar / Qualico.
13. Drawing E1.1.Parking post. What is a 6 x 6 HHS c/w cap?
- *HHS should read HSS.*
14. Drawing E3.1. What does the T in "T-RA" mean?
- *The "T" is for thermostat and the "RA" is reverse acting.*
15. Section 16199 Seismic Engineer. I have never had a request for this on an electrical drawing. For Manitoba do you have a recommendation for a contract person in this province if it is required.
- *This building has been deemed post-disaster and we must follow National Building Code Section 4.1.8.17. Contact person: Any structural firm with qualifications as per electrical section 16199 1.7 Seismic Engineer. Another one is your distribution company, they would need to know about the seismic requirements and who to contact.*

CLARIFICATION

1. For clarification, all concrete curbs are to be SD-203A throughout.