

867-2008 ADDENDUM 4

HALON SYSTEM REPLACEMENT – 510 MAIN ST.

URGENT

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

ISSUED: March 30, 2009
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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 8 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

Revise: E1.1 to read: The following are applicable to the Work:

| <u>Drawing No.</u> | <u>Drawing Name/Title</u> |
|--------------------|--|
| FP-1 | PART SUB-BASEMENT MECHANICAL ROOM PLAN - NEW FIRE PUMP |
| FP-2 | PART SEVENTH FLOOR PLAN - NEW COMPUTER ROOM PREACTION SPRINKLER SYSTEM |
| FP-3 | PART MAIN FLOOR PLAN - FIRE PROTECTION SPRINKLER SYSTEM SCHEMATIC RISER DIAGRAM |
| E1.0 | PART SUB-BASEMENT MECHANICAL ROOM PLAN - NEW FIRE PUMP - ELECTRICAL |
| E2.0 | PART SEVENTH FLOOR PLAN - NEW COMPUTER ROOM PREACTION SPRINKLER SYSTEM - ELECTRICAL |
| E3.0 | PART MAIN FLOOR PLAN - FIRE PROTECTION SPRINKLER SYSTEM SCHEMATIC RISER DIAGRAM – ELECTRICAL |
| SK-1 | RISER SCHEMATIC REVISIONS |
| SK-2 | FIRE PUMP REVISIONS |

DRAWINGS

Add: 867-2008_Drawing_SK-1

Add: 867-2008_Drawing_SK-2

CLARIFICATIONS

Questions were asked by Contractors after the site walk through meeting on Friday, March 20, 2009. The following is a summary of those questions and answers, which are intended to clarify the contract requirements and shall be considered to form an official part of the Bid Opportunity and be taken into account in the Contractor's Bid Submission (Price).

1. Question:
In instances where we diamond drill through the open stairwells, do we still have to install water tight floor sleeves or just use fire caulking, or ceiling flanges or split rings?

Answer:

Water tight floor sleeves are intended for floor penetrations. A stair landing is not a floor penetration, we do however expect the hole to be filled with the appropriate material which meets the correct flame and smoke requirements for use within a stairwell, most likely a ULC fire stop material will be required

2. Question:

Why isn't there a 4" control valve and cap for future on the 7th floor? However, there appears to be one for the pre-action system.

Answer:

While no control valve is shown on the riser schematic, it is shown on the 7th floor drawing sheet FP-2. Note #10 located in Stairhall #2 should read as note #13. This is our formal clarification and is considered to be part of the tender scope..

3. Question:

Why isn't there a 2-1/2" fire hose valve capped off for the basement or sub basement for the fire department?

Answer:

To the best of our knowledge, this stair does not extend below the main floor level.

4. Question:

With the new fire pump, do we have to install reduced pressure washers on the old and new fire hose 2-1/2" valves 1-1/2" valves that are capped off as the weight of the water pressure from the 7th floor down to the 1st floor may exceed the fire hose allowance for the fire department?

Answer:

Hose valve restricting discs are not acceptable; PRV fire hose valves are specified. Regarding existing conditions, the hose systems are intended to be used by the fire department, if the lower floors exceed the allowable pressure identified in NFPA 14, then the contractor will be expected to provide new PRV hose valves to replace the existing. See attached sketches SK-1 and SK-2 included with this addendum for further information.

Note: Revise Sprinkler System Schematic Riser Diagram Detail 2/FP-3 shown on Drawing Sheet FP-3 as per attached sketch SK-1, and revise Fire Pump Room Section Detail 3/FP-3 shown on Drawing Sheet FP-3 as per attached sketch SK-2.

5. Question:

The drawings show a pitch pocket to be installed on the roof. I noticed that there seems to be two small penthouses above the 7th floor. Can we use the wall of one of these for the new test header?

Answer:

The pitch pocket is to be included for as part of the tender package (bid price).

6. Question:

Can we use a Viking product (double interlocking pre-action valve)? It is self-contained in it's own cabinet as per available literature. One of the product features is that the valve has a module to shut off the water once the fire is extinguished, then restarts if the fire starts again. This helps in saving water damage to the rest of the floors. All of our competitors have been using this product on various jobs.

Answer:

Yes a Total-Pac unit which meets the specification is acceptable. The "Competitors" have used the TotalPac 2, FireCycle III unit on Hydro jobs as it is their base specification. The Total-Pac 2 unit supplied however must meet the specification for this project including the low air pressure design. A FireCycle unit that meets or exceeds the specifications is acceptable, however the contractor is expected to provide all appurtenances; this will include all additional items required for the intended installation and proper operation. For example the FireCycle as you have identified above will require special detectors, a VFR-400 panel, etc as required to properly install the system, to use a cycling unit there is to be NO ADDITIONAL COST to the owner.

7. Question:
Do we need to provide lamacoids on the existing standpipe?

Answer:

Yes, provide lamacoids on existing standpipe indicating fire hose within cabinets is not served by fire pump.
Samples to be provided to The City for review.

8. Question:
Do we need to provide lamacoids on the existing fire department connections?

Answer:

Yes, provide new lamacoids on existing fire department connections in accordance with The City of Winnipeg Fire Department.