



479-2024 ADDENDUM 02

JESSIE FLOOD PUMPING STATION (FPS) 2024 UPGRADES

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE
BID/PROPOSAL**

ISSUED: July 19, 2024
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID/PROPOSAL AND SHALL FORM
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2024-02-01

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

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, **July 30th, 2024.**

DRAWINGS

Replace: 479-2024_Drawing_1-0149F-E0013-001-00 with 479-2024_Addendum_02_Drawing_1-0149F-E0013-001-01

NMS SPECIFICATIONS

Revise: Section 40 30 02

APPROVED EQUALS

Section 09 67 23 – Resinous Epoxy Flooring

- Floor Patch Material (if required) – Sherwin Williams Duraplate 2300
- Primer : Sherwin Williams - Resuprime 3579
- Intermediate : Sherwin Williams - Resuflor 3561
 - Heavy Duty Broadcast Aggregate
- Topcoat: Sherwin Williams - Resuflor 3746

Section 09 01 90.63 – Interior Repainting

- Doors & frames
 - Primer: Pro-Industrial Procrlyl Primer
 - Topcoat: Waterbased Urethane Alkyd Enamel
- All misc metals and crane members:
 - Primer & Topcoat: Macropoxy 646
- CMU & Concrete
 - Primer & Topcoat: Macropoxy 646

Section 09 96 50 – Graffiti Resistant Coating

- Sherwin Williams – 2K Waterbased Anti-Graffiti Coating

Section 22 10 10 – Plumbing Pumps

Approved alternate manufacturers:

- **Sump Pump:** Bell & Gossett

Proposed equipment models to meet or exceed specified performance and specifications.

Drawing 1-0149F-E0006-001-00

- **Cable C-F70-2:** 1kV Copper TECK cables are permitted as an alternative

Drawing 1-0149F-M0005-001-00

Approved alternate manufacturers:

- **Inline Fans:** Greenheck
- **Motorized Dampers:** Alumavent/Nailor
- **Grills, Registers, and Diffusers:** Nailor
- **Filters:** Camfil
- **Wall Hoods:** Reversomatic/Broan

Proposed equipment models to meet or exceed specified performance and specifications.

QUESTIONS AND ANSWERS

Q1: Seeing as there's an anti-graffiti spec, I assume a full wash, prep, and paint of exterior brick and concrete is required.

A1: This is new Concrete Faced Insulation Board that will not require the same level of prep that an existing surface would. Product is approved

Q2: I assume the entire dry well is to have existing lead paint abated and repainted.

A2: Correct

Q3: I assume the paint system for existing column corrosion repairs and exterior hatches are to receive the same paint system as the doors and frames.

A3: Columns are to be painted with a corrosion resistant primer, then painted out to match interior walls.

Q4: Please confirm if all new galvanized steel is to be painted, or if the intention is to have galvanized finish.

A4: Galvanized materials do not require painting.

Q5: Note 6 on drawing 1-0149F-S0007-001-00 states A/D cementitious thermal barrier applied to existing rigid insulation, however the Building Section B states New Insulation Liner, See Note 6. The wording of this is a bit inconspicuous, as a "liner" typically refers to a rigid product like plywood, metal cladding, FRP panels, etc., whereas a "coating" would refer to a spray applied product. Just looking for clarity on whether there will be a rigid liner applied over the insulation AND THEN a thermal barrier product sprayed over that, or just thermal barrier product sprayed direct over the insulation.

A5: The thermal barrier is all that is required.

Q6: I assume there is no surface prep or painting scope in the Wet Well, please confirm.

A6: Correct

Q7: PNL-F73 feeder is showing a 4c #6 teck on the single line, Is this cable large enough to feed the 200A panelboard?

A7: The cable is sized to the overcurrent protection and the transformer rating as per C22.1.21 26-254.

Q8: The ground grid is showing #6 bare, is this correct?

A8: this is correct for the grounding conductors as per CEC 10-114. Please see amended drawing 1-0149F-E0013-001-01, the intent of this drawing is to show the minimum grounding and bonding requirements, it is the responsibility of the contractor to size all bonding conductors to table 16 as required by code.

Q9: The single line is showing 600A disconnects ahead of the three flood pumps, are they required? If so, there does not appear to be a location shown.

A9: Disconnects with auxiliary contacts are required, it is up to the contractor to place the disconnects near the motors based on site conditions.

Q10: The secondary on XFMR-F70 is shows 3- 4C 600 KCMIL RWU90 conductors feeding CDP-F70, can this be teck cable instead?

A10: The use of 1kV Copper TECK cables is permitted as an alternative.

Q11: Based on the instrument tags AIT-F611, AE-F611-1, AE-F611-2, I interpret this as 1 transmitter to operate (2) combustible gas sensors but in the specs it says sensor qty of 1 pc.

A11: Please see amended specification section 40 30 02. This will be one combined **H2S** transmitter and **H2S** sensor unit. Consider any drawing references to AE-F611 and AE-F611-1 to be referring to the same sensor.

Q12: We would like to request approval for ETAC MV transformers as an alternate.

A12: There is no specified transformer, so long as the transformer meets or exceeds the performance criteria in the specifications and drawings no substitution approval is required at this time. The transformer submittal will be reviewed during the shop drawing review stage.

Q13: We would like to request approval for ETAC PDU as an alternative to CDP-F70.

A13: There is no specified equipment, so long as the PDU meets or exceeds the performance criteria in the specifications and drawings no substitution approval is required at this time. The panel submittal will be reviewed during the shop drawing review stage.

Q14: Section 09 67 23 states 2 coats epoxy - Sikafloor 261 or approved equivalent, however there is also Section 09 67 23 Resinous Epoxy Flooring. Please confirm which epoxy floor system is required. If 2 coats of Sikafloor 261 is the system to carry, then we would recommend 2 coats of Sherwin Williams Resufloor 3746 as this system's proposed equivalent.

A14: The Sherwin Williams Resufloor 3746 is an approved equivalent.

Q15: The specification for Control Instrumentation mentions under section 2.15.2.2 for the Gas Detector that 'equipment for the City of Winnipeg has been standardized under RFP 123-2014.' Does this agreement apply to the other listed instruments under Section 40 30 02 as well?

A15: RFP 123-2014 is specific for gas detection instruments; however, agreement 449-2014 is present for standardization of other instruments to be purchased through Trans-West Supply Company Inc, this agreement includes the level transmitters and temperature transmitters. Please see amended Section 40 30 02.

Q16: Under section 40 94 93 1.3.2, it states that the contractor is responsible for providing an interface in the PLC for the SCADA system. Could you please elaborate on this scope? We understand that PLC programming will be managed by the Contract Administrator.

A16: The contractor is responsible for the supply and installation of the PLC equipment to interface with the City SCADA system as part of the PLC control panel supply including but not limited to the land line connection, modems, PLC communication cards, HMIs, and all required wiring.