



954-2023B ADDENDUM 2

PEMBINA TRAILS COLLEGIATE – VOCATIONAL WING

URGENT

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

ISSUED: April 26, 2024
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID/PROPOSAL AND SHALL FORM
A PART OF THE CONTRACT DOCUMENTS**

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 D – SUPPLEMENTAL CONDITIONS

Replace: D13 with the following:

D13. INSURANCE

- D13.1 The City shall provide and maintain the following owner controlled project insurance coverage to remain in place as outlined below. The Contractor must cooperate with The City in the placement of the below policies. The City reserves the right to add, delete, revise, and redefine insurance requirements and deductibles at any time, at its sole discretion, or as necessitated by market conditions and/or extension of the insurance policies during the term of the Project :
- a) All risks course of construction insurance including testing and commissioning in the amount of 100% of the Contract Price written in the name of the Contractor and The City, at all times during the performance of the Work and until the date of Substantial Performance and the completion of all testing and commissioning. The Contractor shall be responsible for minimum deductibles of \$100,000.
 - b) Wrap-up liability insurance in an amount of no less than fifty million dollars (\$50,000,000) inclusive per occurrence and fifty million dollars (\$50,000,000) general aggregate, including coverage for damage to existing structures, covering bodily injury, personal injury, sudden and accidental pollution liability, property damage and products and completed operations consistent with industry standard insurance policy wordings. Wrap up liability insurance to also include evidence of contractual liability and cross liability clauses, Manitoba its ministers, officers, employees and agents to be listed as additional insureds.
 - (i) The Contractor shall be responsible for minimum deductibles of \$50,000
 - (ii) The insurance will be written jointly to cover the City, Contractors and subcontractors as insureds. Provision of this insurance by the City is not intended in any way to relieve the Contractor from his obligations under the terms of the Contract. Specifically, losses relating to deductibles for insurance, as well as losses in excess of limits of coverage and any risk of loss that is not covered under the terms of the insurance provided by the City remains with the Contractor.
 - (iii) Wrap-up liability insurance shall be maintained from the date of the commencement of the Work until the date of Total Performance of the work and shall include an additional 24 months completed operation coverage which will take affect after Total Performance.

- D13.2 The Contractor shall provide and maintain the following insurance coverage at all times during the performance of the work and throughout the warranty period:
- a) Commercial general liability insurance, in the minimum amount of five million dollars (\$5,000,000.00) inclusive per occurrence and five million dollars (\$5,000,000) general aggregate. The said commercial general liability insurance shall include coverage for products and completed operations, blanket contractual liability, cross liability, non-owned automobile, and unlicensed motor vehicle liability. The City of Winnipeg, Manitoba its ministers, officers, employees and agents to be listed as additional insured
 - b) Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Contractor directly or indirectly in the performance of the Work. The Limit of Liability shall not be less than five million dollars

(\$5,000,000) inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence.
 - c) Property insurance for equipment and tools used on the project that may be owned, rented, leased or borrowed.
- D13.3 Deductibles shall be borne by the Contractor.
- D13.4 All policies must be taken out with insurers licensed to carry on business in the Province of Manitoba.
- D13.5 The Contractor shall not cancel, or cause any such policy or policies to lapse without a minimum thirty (30) days prior written notice to the City.
- D13.6 The Contractor shall provide the Contract Administrator with evidence of insurance at least two (2) Business Days prior to the commencement of any Work on the Site but in no event later than seven (7) Calendar Days from notification of the award of the Contract. The evidence shall be in a form of a certificate of insurance and must be satisfactory to the City Solicitor.
- D13.7 All policies shall be in a form satisfactory to the City and shall be kept in full force during the Work and throughout the warranty period.

DRAWINGS

- Replace: 954-2023B_Drawing_A3.1 with 954-2023B_Addendum_2-Drawing_A3.1-R1
- 954-2023B_Drawing_A7.1 with 954-2023B_Addendum_2-Drawing_A7.1-R1
- 954-2023B_Drawing_A8.1 with 954-2023B_Addendum_2-Drawing_A8.1-R1
- 954-2023B_Drawing_A8.2 with 954-2023B_Addendum_2-Drawing_A8.2-R1
- 954-2023B_Drawing_A8.3 with 954-2023B_Addendum_2-Drawing_A8.3-R1
- 954-2023B_Drawing_A8.4 with 954-2023B_Addendum_2-Drawing_A8.4-R1
- 954-2023B_Drawing_A8.5 with 954-2023B_Addendum_2-Drawing_A8.5-R1
- 954-2023B_Drawing_A10.1 with 954-2023B_Addendum_2-Drawing_A10.1-R1
- 954-2023B _Drawing_L1.2 with 954-2023B _Addendum_2 Drawing L1.2R1
- 954-2023B _Drawing_L2.1 with 954-2023B _Addendum_2 Drawing L2.1R1
- 954-2023B _Drawing_MF2.1 with 954-2023B_Addendum_2-Drawing_MF2.1-R1
- 954-2023B _Drawing_MF2.2 with 954-2023B_Addendum_2-Drawing_MF2.2-R1

- 954-2023B _Drawing_MF4.1 with 954-2023B_Addendum_2-Drawing_MF4.1-R1
- 954-2023B _Drawing_MH2.2-R1 with 954-2023B_Addendum_2-Drawing_MH2.2-R2
- 954-2023B _Drawing_M7.2 with 954-2023B_Addendum_2-Drawing_M7.2-R1
- 954-2023B _Drawing_E1.1-R1 with 954-2023B_Addendum_2-Drawing_E1.1-R2
- 954-2023B _Drawing_EP2.4 with 954-2023B_Addendum_2-Drawing_EP2.4-R1
- 954-2023B _Drawing_ES2.1-R1 with 954-2023B_Addendum_2-Drawing_ES2.1-R2

NMS SPECIFICATIONS

Section 01 64 00 Division Furnished Product

Delete: 1.2

Section 06 40 00 Architectural Woodwork

- Add: 2.6.1.9 Heavy Duty Shelf Supports (Janitor Rooms): to ANSI/BHMA A156.9.
- .1 Standards: 32 mm wide x 13 mm deep double slotted, 16 ga. steel construction, white finish.
 - .2 Brackets: double bracket design, 14 ga. or 16 ga. (based on shelf depth) steel construction, white finish.
 - .3 Shelf Rests: used for joining two shelves at one bracket, white finish.
 - .1 Acceptable Products.
 - .1 Knape & Vogt 85 Series Heavy Duty Commercial Grade Standards.
 - .2 Knape & Vogt 185 Series Heavy Duty Commercial Grade Brackets c/w Shelf Rests.

Section 07 41 13 Metal Roof Panels

Replace Section 07 41 13 with 954-2023B_ Addendum_2-NMS_Section-#074113R1

Section 07 42 13 Metal Wall Panels

Replace Section 07 42 13 with 954-2023B_ Addendum_2-NMS_Section-#074213R1

Section 08 36 13 Sectional Doors

Add: 2.1.1.1.4 Clopay 3717 Energy Series with Intellicore complete with Manaras Opera-GH Jackshaft Operator.

Section 08 71 01 Door Hardware Sets

Replace Section 08 71 01 with 954-2023B_ Addendum_2-NMS_Section-#087101R1

Section 09 67 23 Resinous Flooring

Replace Section 09 67 23 with 954-2023B_ Addendum_2-NMS_Section-#096723R1

Section 10 11 16 Markerboards

Delete: 2.1.1.1.1

Delete: 2.1.1.1.2

Revise 2.3.1 to read: Anchor Clips, Brackets and Fasteners: concealed type recommended by markerboard manufacturer for fixed mounting. Space mounting clips maximum 400 mm on-centre.

Section 10 56 10 Metal Storage

Delete: 1.1.1

Delete: 3.4

Section 11 40 10 Food Service Equipment – Catalogued.

General Clarification:

- 1) All equipment that requires a 13mm gas connection to be supplied with a T&S HG-2C-48SK flexible gas line c/w restraint
- 2) All equipment that requires a 19mm gas connection to be supplied with a T&S HG-2D-48SK flexible gas line c/w restraint
- 3) All equipment that requires a 25mm gas connection to be supplied with a T&S HG-2E-48SK flexible gas line c/w restraint

Revision: Item #36 – SS Hand Sink c/w Faucet – Revise specified single hole faucet (EC-3101) to two hole faucet (T&S EC-3105) to suit originally specified hand sink.

Section 23 35 13

Delete: 2.2.1.1.

Revise 2.5 to read:

Dust Collector Schedule

Donaldson DownFlo Evolution Cartridge Dust Collector

- DownFlo Evolution model DFE 3-18 w/ top mounted explosion vent
- (1) 20" flanged collar inlet
- Intelligent drop out zone.
- (18) Triagonal Ultra Web No Liner MERV 15 cartridges, 254 square feet of media per filter
- Total filter area: 4,572sq. ft.
- 8,500 capacity @ 1.86:1 AMR.
- Pulse Jet cleaning system c/w timer and Photohelic gauge (integrated into control panel below)
- 7/10ga mild steel construction.
- 120VAC NEMA 4 solenoid enclosure w/ solenoid heaters
- Standard 48" leg package
- Single mod hopper w/ dual outlet pack w/ (2) Sealed Drum kits
- Standard Torit blue paint finish
- Compressed air consumption: 9 scfm at 90-100 PSIG at a pulse interval of 10 seconds.
- Ladder and Platform pack.
- Top Mount Explosion NFPA 68 Compliant Vents c/w Weather Covers.
- Two (2) Optional Torit SDK Sealed Drum Kits to provide combustible dust hopper isolation as per NFPA.

Airpro Centrifugal Blower

- Arrangement 9 fan w/ pedestal mount
- Rated for 8,500cfm @ 19" WG
- Steel fan wheel
- 40hp TEFC motor, 575v/60hz/3ph, 1800rpm
- Belt drive w/ OSHA compliant guards
- Opposed blade outlet damper
- 80 dBA outlet silencer
- Vertical discharge

- Fan esp: 8.2”

Size 20 Vigiflap Back Draft Damper

- Vigilex ATEX non return valve.
- Adjustable point dust level sensor
- Standard red colour.
- Pred: .5bar
- Max Kst 250 bar m/s.
- 24VDC position proximity switch.
- Support Structure by Others

Control Panel

- CSA or equivalent approval
- Nema 12 enclosure, 575v/60hz/3ph
- Soft starter for 40HP motor
- 120vac control transformer.
- Integrated with Pulse Timer board and Photohelic gauge
- NRV 24vdc position switch
- Integration of IS relay for Vigiflap dust level sensor
- Shut down inputs for NRV position switch, NRV dust level sensor, spark detection, abort gate, and fire alarm
- “Okay to Run Remote Equipment” relay
- E-Stop w/ fused disconnect.

Hansentek AN104 Single Zone Spark Detection System

- Designed to protect a 20” duct @ 4000fpm
- NEMA 12 120VAC CSA certified control panel
- (2) Infra-Red spark detectors W/ flange mount c/w self test
- (1) Solenoid controlled spray assembly c/w strainer
- 24 Volt DC alarm horn w/ strobe
- 4.5 Amp backup batteries
- Spray assembly requires 19 US GPM at 50 PSIG.

Conquest High Speed Abort Gate

- Mild steel construction
- Square inlet and outlet flanges
- Removeable weather cowl with screen
- 10/12ga mild steel welded construction
- CSA approved 110v NEMA 4 control box with indicator lights and electromagnetic mechanism
- Powered actuator reset lever with manual reset switch
- Conquest Blue enamel paint finish.
- Support Structure By Others

Section 23 55 10 – Indirect Fired Air Units

Add: 2.1.5 Solution Air

Section 23 72 00 – Air-to-Air Heat Exchangers

Add: 2.1.1.4 Reversing Core Energy Recovery Ventilators
Engineered Air HRRF Series

Section 23 73 23 – Air Handling Units

Add: 2.1.3 Engineered Air LM/C

Add: 2.1.4 Carrier

Section 23 82 00 – Terminal Heat Transfer Units

2.1 Unit Heaters

Revise 2.1.1.1 to read: Engineered Air HUH

Add: 2.1.1.2 Vulcan

2.2 Fan Coil Units

Add: 2.2.1.1 Engineered Air HFC acceptable substitute for Carrier Fan Coils.

Add: 2.2.1.1.1 Engineered Air HFC not accepted as a substitute for Jaga Fan Coils.

Section 23 82 16 – Air Coils

2.2 Glycol Heating Coils

Add: 2.2.1.5 Engineered Air

Section 25 50 03 – Variable Frequency Drives

1.5 Products

Add: 1.5.1.2 Danfoss

Section 32 37 00 Exterior Site Furnishings

Delete: 1.3

Delete: 1.3.1