

## 879-2023 ADDENDUM 4

### SUPPLY, DELIVERY AND ON-SITE INSPECTIONS OF PERIMETER ROAD PUMPING STATION (PRPS) PUMPING EQUIPMENT

#### **URGENT**

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

ISSUED: February 20, 2024  
BY: Brett Baker  
TELEPHONE NO. 431-276-2276

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID/PROPOSAL AND SHALL FORM  
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2021-03-05

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**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.**

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#### **PART B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, **February 23, 2024.**

#### **PART E – SPECIFICATIONS**

Revise: E5.3.13 to read:

E5.13.1 Mechanical Seals:

- (a) Mechanical Seals: single mechanical seals.
  - (i) Split type.
  - (ii) Primary sealing mating faces to be silicon carbide to silicon carbide and secondary sealing mating faces to be carbon to silicon carbide or silicon carbide to silicon carbide.
  - (iii) As manufactured by John Crane, Durametallic, Burgmann, Chesterton or approved equal in accordance with B7.
  - (iv) Stuffing box must be compatible with retrofitting of a double mechanical seal or future use of packing and meet the requirements provided in accordance with E5.3.8.
- (b) Alternative Single Mechanical Seals may be approved as a substitute in accordance with B7. Alternative seals must meet the following requirements to be approved:
  - (i) Typical Type I & II with mating faces to be silicon carbide to silicon carbide.
  - (ii) The impeller must include back pump-out vanes.
  - (iii) Evidence of successful similar applications of the seal with minimum flushing water to be provided prior to approval.
  - (iv) If stuffing box is not compatible with future retrofitting of a double mechanical seal or future use of packing, an alternate backplate must be provided with the spare parts listed in E8, which facilitates the installation of a double mechanical seal and the use of packing.
  - (v) If an alternate backplate is required it must meet the requirements provided in accordance with E5.3.8.
- (c) The proposed mechanical seal shall be selected for operation with minimal flushing water (see E5.1(b)).