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269 Main Street/269 rue Main

Winnipeg

Manitoba

R3C 1B3

Bid Fax: (204) 983-0338

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise  
indicated, all other terms and conditions of the Solicitation  
remain the same.

Ce document est par la présente révisé; sauf indication contraire,  
les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada -  
Western Region

Victory Building/Édifice Victory

Room 310/pièce 310

269 Main Street/269 rue Main

Winnipeg

Manitoba

R3C 1B3

<b>Title - Sujet</b> AAFC Feed Mill Building Upgrades	
<b>Solicitation No. - N° de l'invitation</b> EP922-211766/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> EP922-211766	<b>Date</b> 2021-01-13
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWZ-102-11135	
<b>File No. - N° de dossier</b> PWZ-0-43161 (102)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Central Standard Time CST <b>on - le 2021-01-19</b> Heure Normale du Centre HNC	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Wiebe, Dallas	<b>Buyer Id - Id de l'acheteur</b> pwz102
<b>Telephone No. - N° de téléphone</b> (204) 899-5257 ( )	<b>FAX No. - N° de FAX</b> (204) 983-7796
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## **AVIS AUX SOUMISSIONNAIRES**

**Amendement 002 pour sollicitation numéro EP922-211766/A est publiée pour les éléments suivants:**

- 1) Voir la modification No 1.**

*Si votre soumission nous a déjà été transmise et que vous souhaitez la réviser, vos révisions doivent être reçues par l'Unité de réception des soumissions avant la date de clôture. Le numéro de soumission ainsi que la date de clôture doivent être clairement indiqués.*

**FIN D'AMENDMENT 002**

**Part 1 General**

**1.1 ADDENDUM FORM**

- .1 This Addendum forms part of the Contract Documents and modifies the Bidding Documents dated November 26, 2020, with amendments and additions noted below.
- .2 Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder at the Owner's discretion.
- .3 This addendum consists of one (1) page plus the following:

No.	Title	Issue Date
01	MPE Addendum M-01	Jan 11 2021

**1.2 MECHANICAL CLARIFICATIONS AND REVISIONS**

- .1 Refer to attached Addendum from MPE (M-01).

**1.3 ARCHITECTURAL CHANGES TO THE SPECIFICATIONS**

- .1 **Delete** Section 10 44 16 Fire Extinguishers.

**END OF ADDENDUM NUMBER NO. 1**

## ADDENDUM 1

To The Contract Specifications and Drawings For  
1648-001-00 AAFC LeRDC – Feed Mill (116) Building Upgrades

**MPE Engineering Ltd.  
300, 714 – 5<sup>th</sup> Avenue South  
Lethbridge, Alberta T1J 0V1**

**Date: January 11<sup>th</sup>, 2020**

**File: 1648-001-00**

### **1. Precedence**

This Addendum forms an integral part of the Contract Specifications and Drawings covering all aspects of this job and is to be read in conjunction therewith. However, should points arise which are at variance, this Addendum shall take precedence, unless otherwise clarified by the Engineer.

### **2. Purpose**

This addendum provides specific clauses to add to and/or amend the specifications and/or drawings.

### **3. Specification 211200 – Standpipe and Hose Systems:**

#### **.1 CLARIFICATION: Item 1.1.1 as noted below:**

- .1 The intent of this section is for the contractor to ensure that upon completion of the project, a fully code compliant standpipe system is in place within the building. The standpipe, riser valve, and fire department connection are existing, and the required modifications to the system are identified on the mechanical drawings. Modifications consist of the relocation of one of the fire hose cabinets, and the supply and install of the hoses and nozzles. Additionally, this relates to section 211310 which identifies the replacement of the fire pump, pump controls, and pressure switch, along with any required modifications for installation of these components.

#### **.2 CLARIFICATION: Item 1.4.2.1 as noted below:**

- .1 Professional involvement for the standpipe system is only required to ensure that the proper flow characteristics can be obtained at the fire hose cabinets to satisfy applicable code requirements.

### **4. Specification 211310 – Standpipe and Hose Systems:**

#### **.1 CLARIFICATION: Item 1.2.3.1.1 and 1.4.1 as noted below:**

- .1 Professional engineering involvement is required for the selection of the replacement fire pump and the design of the pump, pump controller, and associated equipment. The pump must be designed to provide the required flow and pressure based on code and as listed in the mechanical schedule. These must be achieved accounting for the current water supply to the system.

**5. Specification 260631 – Diesel Electric Generating Units:**

- .1 DELETE:** Item 1.4.3

**REPLACE WITH:** Item 1.4.3 as noted below:

- .1 Upon completion of 4 hour test, run generator past 100% and record data as noted above indicating the point where the generator “unload protection” is enabled (anticipated 102-105%)

- .2 DELETE:** Item 2.2.6

**REPLACE WITH:** Item 2.2.6 as noted below:

- .1 Load bank breaker: Provide properly sized generator load bank circuit breaker. Circuit breaker to be 100% full load rated comes with metal enclosure. Breaker to be sized for unit protection and load bank testing of generator to capacity where “unload protection is enabled” (anticipated 102-105%). See section 1.4.3 and Specification 26 18 16 or related requirements. Include breaker position contacts and a shunt trip wired back to the generator controller. Shunt trip for load bank breaker shall operate upon command from the ATS to start generator in case of Utility power failure during load testing.

- .3 DELETE:** Item 2.12.4

**REPLACE WITH:** Item 2.12.4 as noted below:

- .1 Provide female Cam-Loks and wiring to load bank breaker suitable for connecting a portable load bank. Cam-Lok connectors to be Leviton 16 series, 400A or equivalent. Cam-Lok connectors and wiring to be sized for load bank testing of generator up to capacity where “unload protection is enabled” (anticipated 102-105%). Mount Cam-Lok connectors on the bottom or side of the load bank breaker enclosure or a dedicated enclosure adjacent to load bank breaker. Ensure connectors are mounted not more than 1200 above grade. Provided a minimum of 500mm clearance to ensure easy connection of load bank cables.

- .4 DELETE:** Item 3.6.2.3

**REPLACE WITH:** Item 3.6.2.3 as noted below:

- .1 Perform a four hour load test using a portable test bank. Perform test for four hours with load applied in 20% steps every 30 minutes until full load is applied and one hour at capacity where “unload protection is enabled” (anticipated 102-105%). Record following at 5 minute intervals for the first 15 minutes and 15 minute intervals for the remainder of the test. All recordings to be done with computer or digital chart recorder, handheld meter and handwriting on paper are not acceptable:
  - .1 Kilowatts
  - .2 Amperes
  - .3 Voltage
  - .4 Frequency
  - .5 Oil Pressure
  - .6 Coolant Temperature

**6. Specification 272010 – Control and Instrumentation General:**

**.1 CLARIFICATION: Item 3.4.1**

- .1 The InTouch Software version is 10.1  
The InTouch license tag-count is Development Studio Unlimited  
The InTouch license type is Development & Runtime  
The Quantum PLC Programming software is ProWORX32.  
  
There are sufficient spare rack slots available for any additional PLC cards.
- .2 The new I/O Card hardware is to be supplied, installed, and configured by the Contractor as per the contract drawings. A product data submittal before ordering would be beneficial.

**7. Specification 260521 – Wires and Cables:**

**.1 CLARIFICATION: General**

- .1 The primary design factors for the cables/conduit are the dust environments, the routing to ensure environmental and fire protection needs are addressed for the emergency cabling, and compliance with the CEC.

**8. Specification 262816 –Molded Case Circuit Breakers**

**.1 CLARIFICATION: Item 2.1.1**

- .1 The Model Number of the existing circuit breakers in the main CDP is FPE Type CHMD.

**9. Drawing M4.1:**

**.1 CLARIFICATION:** Deflagration Panels and Flexible Connectors:

- .1 These items are not required to be supplied by a particular manufacturer. This equipment may either be supplied as off-the-shelf products, or may be custom fabricated by someone familiar with this type of product.

**10. Drawing M4.4:**

**.1 CLARIFICATION:** Drop Spout with Dust Shroud Detail:

- .1 This drop spout with dust shroud will replace the existing assembly which consists of a chute attachment and sock.

**11. Drawing M5.1:**

**.1 CLARIFICATION:** FP-1 Remarks:

- .1 The existing fire pump is out of service and therefore the flow and pressure provided by that pump is unknown. While the old pump may provide useful information in terms of the design for a replacement, the new pump must ultimately provide the needed flow and pressure characteristics to meet code.

**12. Drawing E0.2:**

**.1 CHANGE:** Generator Site Rated Power = 50 kW

**END OF ADDENDUM**