

Solicitation No. – No de l'invitation
10142042

Amd. No – No de la modif.
005

THE PURPOSE OF THIS AMENDMENT IS TO GIVE EFFECT TO ADDENDUM NO. 2.

ALL OTHER TERMS AND CONDITIONS OF THE ITT REMAIN UNCHANGED.

1 General

1.1 ADDENDUM #2

All clauses set forth in the Bidding Documents, Contract Documents and General Requirements of the original Contract Documents shall apply to and govern this work.
The addendum refers to changes and additions to the original Contract Documents and is to be read in conjunction with the same. All other parts of the original Contract Documents are to be considered as applying to the work of this Contract with the exceptions and changes as noted below.

SPECIFICATIONS

- | | |
|----------------|---|
| <u>Item #1</u> | <u>Reference Section 26 29 10 - Motor Switches and Starters</u> |
| .1 | Renumber Paragraph "2.2 Equipment Identification" to "2.4 Equipment Identification". |
| .2 | <u>Add new Paragraphs 2.2 and 2.3 as follows:</u> |
| | "2.2 FULL VOLTAGE MAGNETIC STARTERS |
| | .1 Magnetic and combination magnetic starters of size, type, rating and enclosure type as indicated with components as follows: |
| | .1 Contactor solenoid operated, rapid action type, IEC AC4 rated, contactor size as follows: |
| | .1 23 A for 0-10 hp. |
| | .2 Bimetal motor overload protective device providing single phase protection. |
| | .3 Power and control terminals. |
| | .4 Wiring and schematic diagram inside starter enclosure in visible location. |
| | .5 Identify each wire and terminal for external connections, within starter, with permanent number marking identical to diagram. |
| | .2 Accessories: |
| | .1 Pushbutton Selector switches: heavy duty, front cover mounted. |
| | .2 1-N/O and 1-N/C spare auxiliary contacts unless otherwise indicated. |
| | .3 Acceptable manufacturer or approved equal: |
| | .1 Cutler-Hammer #XT Series. |
| | .2 Schneider #LE1 Series. |
| | .3 Siemens #V4AB Series. |
| | .4 Allen-Bradley Bulletin #112. |
| | 2.3 CONTROL TRANSFORMER |
| | .1 Single phase, dry type, control transformer with primary and secondary voltage as indicated, complete with secondary fuse, installed in with starter as indicated. |
| | .2 Size control transformer for control circuit load plus 20% spare capacity." |

DRAWINGS

- | | |
|----------------|---|
| <u>Item #1</u> | <u>Reference Drawing M1 - Mechanical & Electrical Site Plan</u> |
| .1 | <u>Reference Electrical Notes:</u> |
| | .1 <u>Delete Electrical Note #11 and replace with new note to read:</u>
"Connect new fuel management and leak detection alarm panel 'FM-1' with 2#12, 1#14 bond in 21mmC to a 120V dedicated circuit capped-off in |

a junction box located in the accessible ceiling space above the alarm panel. Dedicated 120V circuit and junction box to be provided by Others. Coordinate exact location of new alarm panel 'FM-1' with Departmental Representative on site"

- .2 Reference Detail 1 - New Plan View:
 - .1 Install two new magnetic motor starters at approximately 1220mm AFF in a lockable Nema 4x enclosure adjacent to the panelboard located on the exterior façade of the Storage Building. Each magnetic starter contactor is to be wired with 2#12 TEW control cable run through the existing underground rigid metal conduit to each associated authorization circuit STDP 120 VAC coil located in each fuel dispenser. Magnetic starter to be wired in series between the pump motor and emergency stop contactor in accordance with manufacturers wiring instructions. Coordinate wiring of starter relay coil with fuel control system installer on site.
- .3 Clarification:
 - .1 Existing panelboard located on the exterior façade of the Storage Building is to be replace with a new 120/240, single phase, 3 wire, Siemens ITE series panelboard by Others. Contractor to provide new push-on circuit breakers which are compatible with new panel in the quantities and sizes indicated in Electrical Note #1.

Item #2

Reference Drawing M2 - Mechanical & Electrical Notes and Details

- .1 Reference Detail Electrical Notes:
 - .1 Delete Electrical Note #2 - and replace with new note to read:
"C = Communications conduit. Quantity, size and material as indicated on drawings".

End of Section