

**ADDENDUM FOR
IMPROVEMENTS TO
THE MUNICIPAL ELECTRICAL SYSTEM
FOR THE
CITY OF PIQUA, OHIO**

ADDENDUM NO. 2

CONTRACT NO. 018-00042-00 – SUBSTATION 69 kV BREAKER PROJECT

SSOE Group

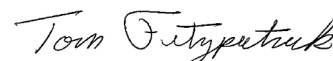
The Project Manual for Contract No. 018-00042-00 – Substation 69 kV Breaker Project is hereby modified as follows:

1. The following are questions and associated responses:
 - A. Page 97 of pdf, item, 2.1.B Stored Energy operations is 3. Does this mean “OCO” operation or “3CO” operation?

Response: This means OCO operation.
 - B. Page 97 of pdf, item, 2.1.G motor operation voltage is 230 Vac (48 Vdc – 5CB, 125 Vdc – 3~4 CB) Can we apply Universal Motor rated 125Vdc/120Vac? Or is there a specific reason for using 230 Vac and 48Vdc?

Response: Tripping and closing devices shall be rated as stated in the specification i.e. 48vdc and 125vdc as listed. Charging motor is specified as 230vac. 125vac is also acceptable for the charging motor. Direct current charging motor is not acceptable.
 - C. Page 100 of pdf, item, 2.7.F Minimum size of control wiring requested 12 AWG stranded copper Can we apply control wiring of 14 AWG? Or is there a specific reason for using 12 AWG for control wiring.

Response 12 AWG is required for current transformer wiring. 14 AWG is acceptable for all other circuits.



Thomas J. Fitzpatrick, PE PMP
Senior Project Manager
SSOE Group
1001 Madison Avenue
Toledo, Ohio 43604

3/14/18

Date