



**PRINCE EDWARD COUNTY
ADDENDUM No. 4**

Date: Tuesday, April 18, 2019
Contract: 2019-EDW-01
**AMELIASBURGH WATER TREATMENT PLANT PROCESS
PIPING UPGRADES**

I. DIRECTIVE

This Addendum shall form an integral part of the plans and specifications for the above-mentioned project and shall be read in conjunction therewith. This Addendum shall, however, take precedence over all requirements of the previously issued drawings, specifications, or addenda with which it may prove at variance, unless otherwise clarified by the Engineer.

II. RESPONSE TO QUESTIONS

- 1. Question:** Section 13100, Item 1.10 A and E directs us to Eramosa Engineering as the approved SI and also states that the control and instrumentation system should be provided through them. Eramosa has notified us that they are not able to provide quotation for the control panel and instrumentation portions of Division 13. Can there be sourced through alternate suppliers?

Response: If Eramosa has confirmed that they are not providing the hardware components for the control panel and instrumentation portion of Division 13 then it is up to the General Contractor or Electrical sub-contractor to decide who will be providing the hardware.

- 2. Question:** Voltage: Not mentioned in specifications. From drawings it looks like 120V/1ph/60hz but it's not well specified (Addendum 1).

Clarification Response: Valves require 120V/1ph/60hz as shown on drawing E101.

- 3. Question:** Enclosure: Not specified in either drawings or specs. As there's not Area Classification, we are assuming valve/actuators are not in classified area.

Clarification Response: Area is not classified.

- 4. Question:** Communication: There's mention of communication protocols in specifications but there's no mention of which one will be used. As there's not I/O diagram, we have assumed there's no communication protocol needed.

Clarification Response: Hardwired IO points from the valves to be wired to PLC IO cards.

- 5. Question:** Type of service: Specifications reference for Open/close and Modulating service. Which service is required for each valve actuator? Is there a valves/actuators table requirement?

Clarification Response: All electric actuator and solenoid globe valves are open/close service only (no modulating required).