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**SCADA SYSTEM FOR THE ARLINGTON
WASTEWATER TREATMENT PLANT
TOWN OF POUGHKEEPSIE, NEW YORK**

CONTRACT 2020-02

Addendum No. 1
August 5, 2020

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This addendum is issued for the above mentioned contract.

1. Please note that there is a typo under Section 1.0 General, in reference to liquidated damages, stating "NYSDOT specifications" and should be corrected to "Town of Poughkeepsie specifications".
2. Per discussion held at the pre-bid meeting about the Aeration and Final Settling Control panel; this panel should be tied directly into the main SCADA Server Rack and not routed through the Secondary Building as identified in Section 3.2.5 of the specifications. Please see Attachment B – Network Diagram for the correct layout for this panel (A&FSCP) as well as the rest of the equipment. A run length of 200' should be used as an estimate.
3. There is contradicting information on the Bid Bond, Material and Labor Bond and the Performance Bond requirement, please clarify.
 - a. The Bid Bond must be 5% of the total bid and submitted with the bid package.
 - b. If awarded the bid, the Labor and Material Payment Bond as well as the Performance Bond must be 100% of the awarded contract and supplied simultaneously with the executed contract.
4. How many points will need to be configured in the historian software?
 - a. All analog inputs, pump runtimes, and various calculated variables within each control panel on the network will need to be configured in the historian software. Bidders should estimate

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accordingly, please note Specification Section 3.4.7 Historian calls for Factory Talk Historian SE Server with 500 tag license.

5. What communication protocols are existing and if not existing available, for the Emergency Power Generator (RP-9-1) and Main Service Power Monitor (MSPM)?
 - a. RP-9-1 include the following:
 - i. Generator Faults; overcrank, high engine temperature, low oil pressure, overspeed, emergency stop, low fuel, low coolant level/aux, low coolant temperature, low cranking voltage, battery voltage (hi/lo), battery charger fail, common fault.
 - ii. System Status; EPS supplying load, not-in-auto, system ready, generator running, communication status.
 - iii. ATS Fault.
 - b. MSPM utilizes an Eaton Power Xpert Meter 2000.
6. Please confirm there are only (3) new panels being supplied and that are referred to as "main control panels" as well as "Local Control Panels" CBCP, SBCP & TBCP?
 - a. Yes there are only (3) new panels being located at the Chlorine Building (CBCP), Secondary Building (SBCP) and the Thickener Building (TBCP).
7. Can you confirm 120V AC for the new panels?
 - a. Yes the new panels will be supplied with 120V AC.