



**5173 Campbells Run Road
Pittsburgh, PA 15205**

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BID DATE & TIME: *June 13, 2016 – 3:00 PM*

OWNER: St. Marys Area Water Authority

CONTRACT NO.: 2016-01

PROJECT NAME: PACL Chemical Feed Conversion Project

ENGINEER'S ESTIMATE: \$185,000

PROJECT DESCRIPTION: The work under Contract No 2016-01 generally consists of removal of the existing 6,000 gallon fiberglass storage tank, and field conversion of the existing tank into two(2) 4,250 gallon tanks. Remove fiberglass storage tank concrete base support saddles and install four(4) new reinforced concrete base support saddles, two(2) per tank. Remove and replace in-kind the existing PVC fill piping, vent piping, and supply piping. Remove the existing chemical feed pump day tank, chemical feed pump concrete containment curbs, chemical feed pump wet ends, and chemical feed pump discharge piping. Install new chemical feed pump wet ends compatible with aluminum chloride hydroxide sulfate. Install new 300 gallon polypropylene day tank. Install new chemical feed pump suction and discharge piping, valves, regulators and flow indicators. All Piping, Valves, Fittings, Pressure Regulator Valves, Surge Dampening Valves, and Flow Monitors shall be replaced new in kind. All gasket materials must be compatible with Aluminum Chloride Hydroxide Sulfate. All piping must be properly supported. Acceptable gasket materials for valves and flanges are Teflon, Neoprene, or Rubber. The new work also involves the installation of a new chemical injection lance assembly at the injection site on the Raw Water line. Demolition of the existing flash mixers and installation of new flash mixers

with service disconnects and variable speed drives is also required. The work also requires electrical work to install conduit, and wire equipment.

PLANS & SPECIFICATIONS: \$80.00 -- *Non-Refundable*

PROJECT ENGINEERS: Sherrieb / Bauer