

## ADDENDUM NO. 1

### McCREARY COUNTY WATER DISTRICT WATER & SEWER SYSTEM IMPROVEMENTS 2014 WATER TREATMENT PLANT - PHASE 2 IMPROVEMENTS MARSHES SIDINGS WATER BOOSTER PUMP STATION WASTEWATER TREATMENT PLANT IMPROVEMENTS

NOVEMBER 7, 2014

#### BASE BID: WATER TREATMENT PLANT - PHASE 2 IMPROVEMENTS

- 1) **PLAN SHEET P-1:** 4-inch air release valves as shown on the high service and backwash piping shall be 2-inch Well Service Air Release Valves, Model 102ST as manufactured by Val-Matic, or approved equal.
- 2) **PLAN SHEET P-1:** 8-inch and 10-inch cushion check valves as shown on the high service and backwash pump piping shall be an Air Cushioned Swing Check Valves – Oil Control Bottom Buffer, Series 6000B as manufactured by APCO Valve and Primer Corporation, or approved equal.
- 3) **PLAN SHEET P-1:** A Probe Type Level Transducer shall be added to the clearwell pump building and located as shown on the attached drawing, DWG P-1-ADD-1. A probe type level transmitter shall be provided for clearwell level monitoring and control. The level monitor shall extend the height of the clearwell and be capable of transmitting an electric signal to the main control panel. The Probe Style Level Transducer shall be KPSI Model 700 as manufactured by Measurement Specialties, or approved equal. The level indicator/transmitter shall be Model PD690 as manufactured by Precision Digital Corporation, or approved equal.
- 4) **PLAN SHEETS E-1 & E-2:** See attached drawing, DWG P-1-ADD-1, for location of new Clearwell Level Transducer to be installed. Contractor shall connect new Level Transducer to nearest 120VAC receptacle circuit or new panel 'PCP', as shown on sheet E-1, for low voltage supply as required. Furnish and install (1) 4-20ma cable in 1" conduit from level transducer to Existing Chemical Feed Building and connect to remote transducer display to be installed beside of new remote panel 'PRCP' as shown on sheet E-2.
- 5) **CLARIFICATION:** Electrical Specifications, SECTION 16920: Page 16920-5, 9. Special Installation Instructions, subparagraph D. Electrical Contractor shall be responsible for all wire and cable installation from pressure transducers and/or switches as indicated on piping drawings. This is a general specification and shall apply should these instruments be required for installation as shown on the drawings. This specification shall also apply to level transducers/transmitters as referenced above and as shown on the drawings.

**ALTERNATE NO. 1 – MARSHES SIDING WATER BOOSTER PUMP STATION**

- 1) **CLARIFICATION:** Section 11.34 Electrical Service page SECTION 11-14 of SECTION 11 – WATER BOOSTER PUMP STATION (ALTERNATE NO. 1), The Owner will cover costs and coordination related to the extension of 3 phase/60 cycle/480 volt main power to the pump station site as may be required. All other costs and considerations related to establishing the electrical service are to be borne by the Contractor. In addition, see Section 11.35.1 Electrical Apparatus – Distribution Panel for size of service, disconnect size, AMP rating, etc.

**ALTERNATE NO. 2 – WASTEWATER TREATMENT PLANT IMPROVEMENTS**

- 1) **PLAN SHEET SP-2:** Proposed Flow Meter Vault Site Plan, Proposed Oxidation Ditch Metering Vaults shall reference to see details on Sheet FM-1, not MM-1.

**ALTERNATE NO. 4 – FEDERAL PRISON MASTER METER**

- 1) **CLARIFICATION:** SECTION 5.5 PRISON ELECTROMAGNETIC FLOW METER (ALTERNATE NO. 4), The Owner will cover costs and coordination related to the extension of main power to the meter vault site as may be required. All other costs and considerations related to establishing the electrical service are to be borne by the Contractor.

End Addendum

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