SCOTTSBORO WATER SEWER AND GAS BOARD
SCOTTSBORO, ALABAMA

RUDOLPH JONES WTP
INTAKE PUMP STATION INSTALLATION
SRF PROJECT NO: FS010198-03

Addendum to the Plans and Specifications-Contract Documents

ADDENDUM NO. 1

Bid Date: December 5, 2023 @ 2:00 P.M.

TO: ALL PROSPECTIVE CONTRACTORS AND SUPPLIERS

The changes, modifications, clarifications and/or additions covered by and set forth in this **Addendum No. 1** shall become part and be incorporated in the Specifications, Contract Documents, Bid Documents, and Plans for the above referenced project. The Contractor shall include this Addendum as well as any previous and subsequent addenda that may be issued with his proposal Bid Documents as indicating his receipt and acceptance of its terms, requirements and clarifications.

The Contractor shall also acknowledge receipt of this addendum on page **BD-15** of the Specifications-Contractual Documents.

CONTRACT SPECIFICATIONS:

Page S5-26, Electrical – Safety Switches

Change 2nd sentence of 1st paragraph to read "Switches located in wet areas, potential washdown areas, or outdoors shall have either a white powder coated stainless steel NEMA 4X or unpainted stainless steel NEMA 4X enclosure.

Page S5-35, Electrical – Low Voltage Industrial Motor Control Centers

In Section 8.0 Manufacturers, change 1st sentence of 1st paragraph to read "Shall be Square D Company or approved equal by Eaton/Cutler Hammer or ABB, Inc.

Page S5-94, Electrical – Automatic Transfer Switch

In Section 2.1 Automatic Transfer-Switch, change 1st sentence of 2nd full paragraph from top of page S5-94 to read "The transfer switch shall have a UL listed, NEMA

4X rated, white powder coated stainless-steel or unpainted stainless steel (304 min.) enclosure."

Page E-8, Vertical Turbine Pumps

In Section 5.0 Pumps, change 3rd sentence of 3rd paragraph under this section on page E-8 and add the following to read "Each bowl shall be equipped with a combination bronze and neoprene bearing and a bowl wear ring. The bowl wear ring shall be constructed of neoprene with a steel core, aluminum bronze, or other materials as recommended by the pump manufacturer to provide long life and ease of replacement."

BID DOCUMENTS:

BD-9 Please see revised BD-9. Generac is an approved generator manufacturer as listed in the generator specifications. Any other generator manufacturer will have to be provided as a deduct to the Base Bid generator manufacturers.

CONTRACT DRAWINGS:

Sheet 15 In the "Fusible Disconnect Description and Requirements:" box, please note the following:

The fourth bullet point indicates the enclosure for the Fusible Disconnect Switch shall be a "NEMA 4X Stainless Steel Powder Coated White Enclosure". It will be acceptable for this enclosure to be either Stainless Steel Powder Coated White or Unpainted Stainless Steel (304 min.). Either type shall be NEMA 4X rated. All other requirements for the switch shall remain the same.

Sheet 15 In the "Transfer Switch Description and Required Characteristics:" box, please note the following:

The eighth bullet point indicates the enclosure for the Transfer Switch shall be a "NEMA 4X Stainless Steel Powder Coated White Enclosure". It will be acceptable for this enclosure to be either Stainless Steel Powder Coated White or Unpainted Stainless Steel (304 min.). Either type shall be NEMA 4X rated. All other requirements for the switch shall remain the same.

Sheet 16 In P-1/W-1 and P-2/W-2 wiring to each new pump/motor, add the following:

Contractor shall provide 2-#12's Power Wires and 1-#12 Ground from the MCC-2 to each new pump. There is a solenoid valve on the oil reservoir line to the enclosed line shaft that will have to be powered at each pump. These wires can be run in same conduit as VFD cable and winding heater wires or can be installed in new ¾"

aluminum conduit provided and installed by Contractor. This is typical of each pump.

Sheet 17 The "Conceptual Schematic – MCC Pump Controls" was revised.

See attached revised schematic adding controls for the solenoid valve on the oil reservoir line at each pump. All other notes, details, etc. still apply.

CLARIFICATIONS:

Motor Control Center – MCC-2

The owner has standardized on ABB VFD's throughout their system. As noted above, it will be acceptable for the Motor Control Center (MCC-2) to be provided by ABB as a complete package. If quoting Motor Control Center manufacturers cannot supply the project with a U.L. labeled MCC as specified utilizing ABB drives, they may provide and install the two ABB VFD's in a separate enclosure that is UL listed directly adjacent to (next to) the new MCC-2 and provide sub-feed breakers in MCC-2 to supply this enclosure. MCC supplier will be responsible for conveying this to Contractors as to what is being quoted so that Contractors can provide and install necessary power and control wiring to provide functions as specified for a unitary product. The separate enclosure shall have all vent/exhaust fans, controls, and components necessary for a complete and fully functional system as indicated on the Drawings and as Specified. The Contractor shall verify available space with proposed MCC and panel sizes such that installation meets all code requirements and is satisfactory to the Owner.

It will also be acceptable for a third-party panel shop/integrator to purchase and assemble the Motor Control Center and components, ABB VFD's, controls, breakers, etc. for a complete MCC package provided that the panel shop/integrator is able to U.L. list and label (or have it U.L. listed and labeled by separate entity) the complete MCC as specified in the MCC specifications.

In lieu of providing the ABB VFD's in the options discussed above, a Motor Control Center manufacturer (Square D or Eaton/Cutler Hammer) may propose their VFD, controls, breakers, etc. inside their MCC sections and lineup for a complete MCC system that can be U.L. listed and labeled as specified. In order for the Owner to consider this option, the Manufacturer shall provide a deduct to the options above utilizing ABB drives. All proposed VFD's shall meet the Variable Frequency Drive specifications in the Contract Documents. This deductive value shall be written under VFD's as shown on BD-9. The Contractor is required to provide a Base Bid price utilizing ABB drives but may write a deduct as noted above utilizing different VFD manufacturers. The Owner will consider all deducts after the bid.

LIST OF MATERIAL SUPPLIERS AND EQUIPMENT MANUFACTURERS

The base Material Supplier or Equipment Manufacturer is listed in bold directly to the right of the type of material or equipment.

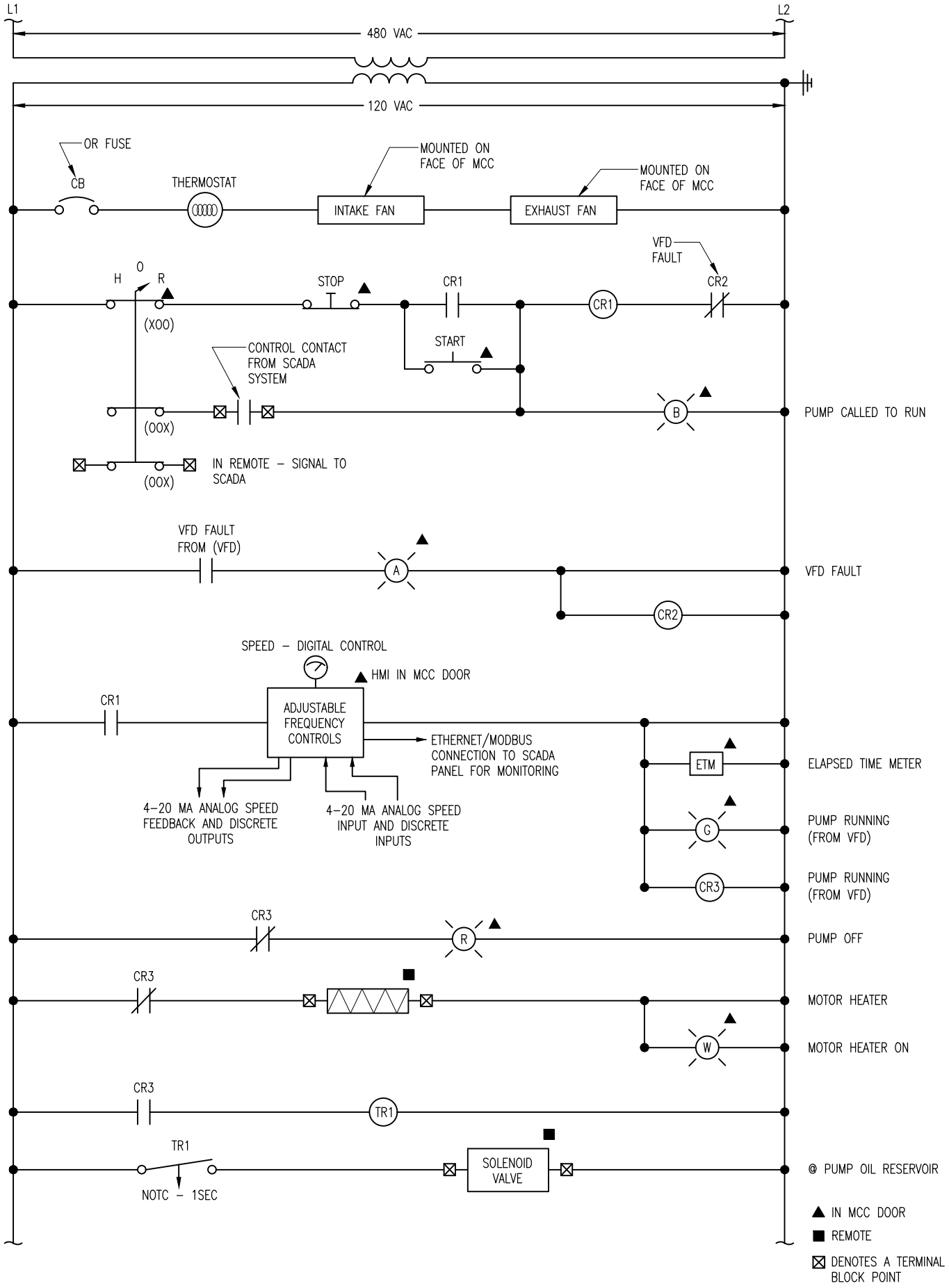
	Material or Equipment	Name of Supplier or Manufacturer
1.	**Generator**	**Base:** Thompson Caterpillar, Cummins, Generac
2.	**Vertical Turbine Pumps**	**Base:** Goulds, Peerless, Flowserve
3.	**VFD's**	**Base:** ABB

The Bidder further certifies that if his bid is accepted, the base Material Suppliers and Equipment Manufacturers he has indicated herein will be awarded contracts for supply of their products unless deductive substitutes are provided as specified herein and approved by the Owner. The Bidder further certifies that deductive substitute Material Suppliers and Equipment Manufacturers he has properly indicated that are approved by the Owner will be awarded contracts for supply of their products.

Contractor _____

By _____

Date _____



CONCEPTUAL SCHEMATIC – MCC PUMP CONTROLS

SCALE: N.T.S.

Addendum #1