



NORTH TEXAS
MUNICIPAL
WATER
DISTRICT

Addendum #2
WYLIE WTP III
SCADA SYSTEM IMPROVEMENTS
(May 29, 2018)

Bidder Questions and Response:

1. *Want to know what the existing PLC control panels and if the new components will fit in the the existing panels. Need to know if they need to get a whole new panel. Are we starting from scratch?*

RESPONSE: New panels (PLC, NETWORK, UPS) shall be provided for Basin 6, 7, 8, and the Blower Control building. The requirements for these panels are shown in bid documents. The existing control panels for Basins 1 – 5 shall have their switches replaced in the same enclosure/location; no new panels. The washwater panel is existing and shall the proposed two hot back up racks installed as shown on the drawings.

2. *Is it new SCADA interface or development into an existing?*

RESPONSE: There is an existing SCADA HMI system that shall be updated to meet the requirements of the bid documents.

3. *Will it be necessary to supply touch screens in the new PLC's for Filter Basin 6,7,8? Section 2.6 SYSTEM CONTROLS (page 238129 - 13) is the only mention of "touch screens" so we want to be clear on this.*

RESPONSE: There are no touch screens associated with the PLC panels for Basins 6, 7, 8.

4. *We think they are asking for a new server to allocate for the Historian database of where the SCADA results are stored. Are to upgrade the Historian license from 5k to 10k. Is this what #11 is referring too.*

RESPONSE: The proposed server(s) and the Historian upgrades are two separate tasks. Task #11 from the specifications calls the setup of new data server(s) to match the existing data server(s). The data associated with Plant III shall be migrated over to the proposed data server(s). The existing data server(s) will now incorporate Plants 1, 2, and 4 only. The second task calls for the upgrade of the existing primary and redundant historian licenses from 5000 tags to 10,000 tags.