GREENVILLE UTILITIES COMMISSION

GREENVILLE, NORTH CAROLINA

QUESTION AND ANSWERS FOR ENGINEERING SERVICES FOR

DESIGN OF CATHODIC PROTECTION RECTIFIER AND ANODE BED #18-19

1. Where are the two proposed sites? Parcel #30584 (SW Greenville Blvd.) and Parcel #04330 (Deck St. and S. Greene St.) Is one the same site as the existing rectifier/anode bed? Yes. Have potential interference issues been considered in selecting these sites? No, selected engineer will need to consider in their recommendation.
2. Will existing rectifier and anode bed design and layout be provided? Yes
3. Is the existing rectifier and anode bed to be fully replaced or just supplemented (with some level of additional capacity added)? Existing rectifier and anode bed to be fully replaced.
4. May additionally have need for current requirement tests and potential readings throughout, with and without existing CP applied, performed from each location. Are existing potentials throughout compliant? No, the anode bed has failed.
5. What coatings exist on the piping to be protected and what are their conditions? Various coatings: hot tar wrap, cold tar wrap, yellow jacketed, and some Fusion Bonded Epoxy. All coating that has been uncovered has been in good condition.
6. Are other utilities or systems electrically connected or in contact? We have other rectifiers connected, no other systems should be connected.
7. Is a remote monitoring unit required? No
8. Does Greenville Utilities have existing standards, specifications, procedures, etc.? Yes
9. Will standards, specifications, procedures, BOM's, etc. also be required? Yes
10. Are rights-of-way secured? Yes for one site, no for the other. Will surveying and acquisition of ROW be required? No, only the recommendation of the site, GUC will take care of surveying and ROW/easement acquisition.
11. Will acquisition of permits be required? No.
12. Will installation, installation inspection, commissioning and follow-up surveys be required? No.