

City of Duvall - Request for Proposals

Water System Telemetry & Controls – Implementation Contract #2021-31

1. INTRODUCTION

The City of Duvall Public Works Department is seeking proposals from qualified firms with experience as a system integrator and with the capability to complete design, programming, installation, and construction support services for the complete replacement of the City's water utility SCADA system. Details of the project are outlined in the City of Duvall's RFP document, and draft SCADA Master Plan. Both documents will be available on the City's website or provided to interested parties upon request. To be considered responsive to this request, interested vendors should register with the City's representative and ensure they receive the project documents and any subsequent addendum.

Responsive proposals shall be submitted no later than **11:00 AM on Wednesday June 30th**.

2. BACKGROUND

The City currently is unable to remotely monitor and control any of its water system facilities, due to non-functioning telemetry and SCADA equipment that is obsolete and has exceeded its useful service life. Facilities with existing SCADA equipment include two supply stations with connections to the SPU Tolt pipeline, two water storage reservoirs, and one pump station.

3. CONSULTANT QUALIFICATIONS

Qualified consultants shall provide evidence of relevant experience in SCADA and telemetry systems engineering, design, installation, configuration, programming, and integration in support of the City's selected technology as outlined in the SCADA Master Plan. Additional qualifications include familiarity with HMI and PLC programming, instrumentation selection and field calibration / troubleshooting, and significant experience with programming for water systems.

4. SCOPE OF WORK

A detailed scope of work and minimum requirements is available in the Request for Proposal document. In summary, the project includes the complete replacement of all SCADA equipment at the two supply stations, two water storage reservoirs, and pump station; replacement of the SCADA workstation/master telemetry unit (MTU) with three new SCADA workstations, and replacement of the leased telephone telemetry system with cellular-based telemetry. Work also will include new SCADA equipment at the seven (7) chlorine residual monitoring stations and remote monitoring equipment at four pressure-reducing stations.

5. CITY CONTACT – PROJECT REPRESENTATIVE

For questions regarding this RFP, to register, and to request contract documents; please contact the Project Representative – Shaun Tozer, Project Manager at 425-939-8046, or by email at shaun.tozer@duvallwa.gov. Documents will also be hosted on the city's website at www.duvallwa.gov