

RFP No. 9066 – Engineering Services for the ACC-3 RTP I/O Subsystem Replacement Project

Questions and Answers

1. The RFP has a requirement of onsite personnel. Does SRCSD has any specific time duration requirement for onsite commitment. Knowing this will help in budgeting. Also is SRCSD requiring an I&C engineer to be on site or a technician.

The RFP requires a member of the consulting team to be onsite during the design phase of the project under Task 1 including field investigation, drawing updates, design drawings and control narrative development. The duration of the onsite requirement is based on the effort required to complete Task 1 as determined by the consultant with minimum assistance from Regional San. A control tech or electrician will be available to assist the consultant with the field investigation effort. The RFP does not require an I&C engineer to be onsite. It could be a technician, engineer, designer, or a combination, and the RFP is leaving it up to the consultant to propose a person or team best suited for the project; however, that person or team needs to be qualified for the work under Task 1.1, 1.2, 1.3, and 1.4.

2. Task 1.1 – Field Investigation: The consultant will be working onsite to familiarize himself/herself with RTP I/O subsystem and to work with Regional San staff to verify the existing ACC-3 controls and wiring. This is part of the effort to understand and capture the existing control system so that the new design could be developed. Deliverable includes: Hand markups on the as-found condition of the existing ACC-3 control and logic diagrams and interconnection diagrams in PDF format. In regard to Attachment F "Sample drawings", will the hand markups be only restricted to the ACC-3 control cabinets or is-it expected that all wiring, including MCC starters internal wiring, be marked up as well?

The hand markups should include all the wiring including the ACC-3 and MCC internal wirings.

3. Would the District consider electronic submission of the proposal (via Email)?

Yes – Electronic submission via email is acceptable. Hard copies are not required.

4. Is the intent to remove the ACC-3 panels and replace with a new panel? Should the design include architectural modifications to fill in wall space where panels are removed?

The intent is to replace the existing ACC-3 sectional metal enclosure with a new NEMA rated metal enclosure of the same width.

5. The RFP states to assume we need to update 150 drawings. Should we assume that all the items in ACC-3 are covered by 150 drawings, or that of all the drawings for ACC-3, only 150 of them will need updates while the rest are in good condition?

There will be more than 150 drawings requiring updates. For the purpose of estimating the effort, consultant should assume 150 drawings as indicated in Task 1.2 of the RFP. Regional San staff plan to update the others.

6. Will the District assist in ringing out circuits back to the MCC or field panels?

Yes – A control system tech or electrician will be available to assist the consultant during the field investigation effort as indicated in Tasks 1.1 and Section 3.1 of the RFP.

7. Can any of the cabinets be de-energized during field investigations?

The ACC-3 panel cannot be de-energized during field investigation. Individual motor starters or equipment control panels maybe de-energized with advance notice.

8. We request the District consider eliminating hard copies of the proposal and convert submission to electronic only.

See answer from question #3