



**REQUEST FOR
PROPOSALS for CONTROL SYSTEM
INTEGRATION SERVICES**
for
MCC REPLACEMENT PROJECT

March 2026

REQUEST FOR PROPOSAL

The South Valley Water Reclamation Facility (“SVWRF” or “OWNER”) is seeking written proposals from approved control system integration firms (“Integrators”) for providing control system integration services for the MCC Replacement Project. The scope of services consists of Programmable Logic Controller (PLC) programming and configuration, and construction related services. All proposals must include a Proposed Price to provide the scope listed herein. SVWRF may choose to add additional Project phases to this scope of services at a future date.

BACKGROUND INFORMATION

SVWRF has awarded procurement of replacement Motor Control Centers (MCC) to Allen-Bradley (Rockwell Automation) through local supplier Codale Electric Supply. Delivery of the MCCs to SVWRF is anticipated to occur in April, 2026. The new MCCs will be installed in a MCC Replacement construction project by a Contractor to be selected later in 2026. This RFP is seeking proposals to provide the control system integration services required for the upcoming MCC Replacement project.

Receipt of Proposal

Proposals will be received by South Valley Water Reclamation Facility at 7495 South 1300 West, West Jordan City, Utah 84084, in accordance with this Request for Proposal (“RFP”). Proposals will be received not later than 2:00 p.m. on April 28, 2026.

Sealed proposals may be delivered by certified mail, hand delivered, or emailed to the South Valley Water Reclamation Facility located at 7495 South 1300 West, West Jordan City, Utah. Proposals should be sent to the attention of Taigon Worthen, P.E., email tworthen@svwater.com.

SVWRF reserves to itself, without condition, the right to reject any or all Proposals and to waive any informality or technicality in any Proposal deemed in the interest of the Owner.

Approved Integrators

The following firms are approved to provide proposals in response to this RFP:

SKM:

Representative: Mark Jeppsen

Automation & Controls:

Representative: Keith Christensen

APCO:

Representative: Eric Smith

Interpretations

All questions about the meaning or intent of the Proposal Documents shall be submitted to the Owner in writing at the email address noted above and in the Advertisement. Replies will be issued by Addenda posted to South Valley Water Reclamation Facility’s website. Questions received on the day of closing for the advertisement will not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

Substitute Equipment or Services

The contract, if awarded, will be on the basis of supplying Equipment and Services described and specified herein. Equivalent products or services will be considered by the Owner with the Owner's decisions considered final. Substitutions are not allowed for equipment that is specified with only one allowable manufacturer.

Approved Integrator Site Tours

Approved Integrators may schedule a 2-hour individual site tour with SVWRF during the RFP solicitation period as indicated in the schedule below. SVWRF and Carollo Engineers staff will be available during the site tour to answer questions regarding RFP requirements and scope. Scheduling and participation in a site tour is the responsibility of the approved integrators. Participation in a site tour is not a requirement to be qualified to submit a proposal. Any communication during the site tours that modifies RFP requirements or scope will be provided to all approved integrators in the form of an RFP addendum.

Mandatory Pre-RFP Conference

A mandatory pre-RFP conference will be held at the time and location indicated in the schedule below. Attendance at this pre-RFP conference is a requirement to be qualified to submit a proposal. Proposals will not be accepted from Integrators that do not attend the conference. It is the Integrator’s responsibility to sign in at the pre-RFP conference, under the name in which a proposal is to be submitted, to verify attendance.

SCHEDULE

The following schedule is tentative for the purpose of the RFP solicitation. If a change in the RFP solicitation period schedule becomes necessary, all recipients of the RFP packet will be notified by formal written Addenda.

Milestone	Date
<u>RFP Solicitation Period</u>	
Advertisement Request for RFPs	3/2/2026
Individual Approved Integrator Site Tours (Monday –	3/16/2026 – 3/27/2026

Thursday between 8:00 AM and 4:00 PM)	
Mandatory Pre-RFP Conference (SVWRF Board Room), 2:00 p.m.	4/2/2026
Deadline for Questions	4/17/2026
Final Questions and Responses Published	4/23/2026
RFP Submittal Due Date, 2:00 p.m.	4/28/2026
SVWRF anticipated selection date	5/5/2026
Notify Integrators of RFP Results	5/20/2026
Signed contract, NTP, Start work	5/27/2026
<u>Anticipated completion of work</u>	12/31/2026

PROJECT SCOPE

The minimum recommended scope of work shall include the following. Integrators may, at their option, make suggestions to modify the scope of work.

1. Programming services:
 - a. Modify existing written control strategies for all PLC programming for process and mechanical equipment powered from new MCCs.
 - i. Hold a minimum of two control strategy coordination workshops with the Owner to review and define all new and modified PLC programming.
 - ii. Coordinate with the Owner and MCC Manufacturer to provide comprehensive list of Modbus/TCP data to be transmitted between MCCs and PLCs.
 - b. Provide all PLC programming services required for the implementation of the installation of new MCCs. PLC programming will adhere to the written control strategies.
 - i. Modify existing PLC control logic programming to change from hard-wired input/output (I/O) motor control to Modbus/TCP data network control with new MCCs
 - ii. Re-map I/O signals and PLC register data as needed.
 1. The MCC replacement scope includes some new smart starters for equipment that is not currently monitored by the plant iFIX Human Machine Interface (HMI) system. Provide re-mapping of PLC register data for those items to allow the Owner to monitor in the HMI system.
 - iii. Reuse existing PLC control logic wherever possible.
 - iv. At a minimum, modify PLC programs for the following.
 1. PLC-110, located in Headworks Pump Room.
 2. PLC-1000, located in Solids Handling Building.
 3. PLC-1400, located in RAS-1 Pump Station.
 4. PLC-1500, located in RAS-2 Pump Station.

5. PLC-3300, located in Utility Water Pump Station.
 - c. Programming services for the plant iFIX Human Machine Interface (HMI) system will be performed by the Owner. Coordinate with the Owner all necessary data and configuration between the PLC and HMI programming.
2. Construction related services:
- a. Modify the following existing control panels to meet the requirements of the technical drawings and specifications in this RFP:
 - i. PCM-1000:
 1. Located in Solids Handling Building.
 2. Modify internal panel wiring and panel components to accommodate consolidation of hard-wired I/O into existing PLC I/O modules. Some of the hard-wired I/O signals to existing MCC starters will be abandoned in this project.
 3. Remove unused PLC I/O modules as needed.
 - ii. PCM-1400:
 1. Located in RAS Pump Station 1.
 2. Modify internal panel wiring and panel components to accommodate consolidation of hard-wired I/O into existing PLC I/O modules. Some of the hard-wired I/O signals to existing MCC starters will be abandoned in this project.
 3. Remove unused PLC I/O modules as needed.
 - b. Provide coordination and support during construction:
 - i. Provide onsite support during MCC commissioning and testing. Each MCC will undergo commissioning and testing as scheduled during construction. Multiple onsite support visits will be required. Attached construction specification Section 01030 – Special Project Constraints is provided for reference.
 - ii. Provide support and coordination with Owner’s HMI programming efforts.

RFP SUBMITTAL INSTRUCTIONS

Integrators who submit Proposals must ensure that they comply with all conditions set forth herein. Failure to comply with all conditions of this request may constitute grounds for rejection of the Proposal as non-compliant.

Proposal Content

1. Letter of Introduction. Provide a one-page cover letter which gives the submitting Integrator's legal business name, physical address, mailing address, primary telephone number, and primary contact's name and email address. This letter must be signed in blue ink by a firm representative who is able to legally execute agreements with SVWRF.
2. General Firm Information. Use attached Form A to provide general firm information, including applicable licenses and certifications. Financial information shall also be

provided.

3. Similar Work Experience. Use attached Form B to illustrate the Integrator's qualifications and experience with other projects similar in size and scope to the requested services. Similar work experience needs to show past success and expertise in similar projects. Where applicable, include projects with programming of Emerson (GE) RX3i PLCs. Limit one page for each project, up to a maximum of five (5) projects.
4. Project Team & Resumes of Key Personnel. Use attached Form C to illustrate the project team, responsibilities, and subcontractors, if any, based on perceived tasks to complete the work. Key personnel identified in an RFP may not be changed without the advance written approval of SVWRF. Key personnel will include the individuals who will do the majority of the work. Use attached Form D to provide resumes for each person identified in the organizational chart. Limit one page per person.
5. Project Approach. Provide a separate narrative consisting of no more than five (5) pages for the Project. The intent of this section is to understand the Integrator's approach and methodologies with respect to Project. Provide a general project approach consistent with the general project scope identified above. Enhance the project scope to show the knowledge and familiarity with the elements of the project. Describe any unique tools (software, etc.) proposed for use in the project. Indicate a proposed project schedule as required for a complete project.
6. Proposal Price. Provide a proposed project price using the Price Schedule below. The undersigned Integrator agrees, if this Proposal is accepted, to accept a purchase order from OWNER in the form included in the Specifications for the Price shown in the Price Schedule and within the Time indicated in this RFP and in accordance with the technical specifications and drawings in this RFP.

The Integrator accepts all of the terms and conditions of the RFP. This Proposal will remain subject to acceptance for thirty days after the day of closing.

In submitting this Proposal, Integrator represents, that:

- a. Integrator has examined copies of all the technical specifications and drawings included in the RFP and any additional formally issued Addenda.
- b. Integrator has familiarized itself with the nature and extent of the Proposal Documents, services, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Equipment and Services.
- c. Integrator has given OWNER written notice of all conflicts, errors, or discrepancies that he/she has discovered in the RFP and the written resolution thereof by OWNER is acceptable to Integrator.
- d. This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation. Integrator has not directly or indirectly induced or solicited any person, firm, or corporation to refrain from quoting; and Integrator has not sought by collusion to obtain for itself any advantage over any other Integrator or over

OWNER.

- e. Integrator will furnish the Equipment and Services for the price shown on the attached Price Schedule. Other items of work defined in the specifications, but not listed in the Price Schedule, shall be considered incidental to one or more of the items listed in the Price Schedule and shall be paid for under the item listed to which it is related. Final payment will be based on actual Equipment and Services provided for the prices proposed.
- f. Price Schedule Items shall include and cover all costs taxes, licenses, fees, transportation/delivery, labor, and materials to provide, test and provide training on the equipment.

Price Schedule

ITEM	DESCRIPTION	PROPOSAL PRICE
1	Programming Services as defined in Scope of Work:	
a	PLC-110	
b	PLC-1000	
c	PLC-1400	
d	PLC-1500	
e	PLC-1700	
f	Other	
	<i>Item 1 Price Schedule Total Price:</i>	
2	Construction Related Services as defined in Scope of Work, Modifications to existing control panels:	
a	PCM-1000	
b	PCM-1400	
	<i>Item 2 Price Schedule Total Price:</i>	
3	Construction Related Services as defined in Scope of Work, Coordination and support during construction:	
a	Support during MCC commissioning and testing	
b	Support with Owner’s HMI programming	
c	Other	
	<i>Item 3 Price Schedule Total Price:</i>	
	<i>Price Schedule Total Price:</i>	
	<i>Total Price Written in Words:</i>	

EVALUATION AND SELECTION PROCESS

SVWRF intends to select an Integrator that is capable of providing services for all aspects of the Project. The SVWRF intends to award a contract to the highest ranking Integrator based on the

selection process and evaluation criteria provided herein. The selection process is described as follows:

1. Proposals will be received by the SVWRF at the time and place designated above.
2. Submitted Proposals will be initially reviewed for compliance; non-compliant submitted Proposals will be rejected. SVWRF may contact firms to interview or to ask questions regarding content of the Proposals to help determine compliance.
3. The SVWRF Board shall consider the highest ranked proposal and make final approval.
4. If approved by the SVWRF Board, the selected Integrator will be notified. In the event that an agreement with the selected Integrator is not completed, SVWRF reserves the right to enter into negotiations with the second-highest ranked Integrator instead.

EVALUATION CRITERIA

The proposal evaluation will be based upon the proposal price schedule. The compliant proposal with the lowest proposed cost will be ranked highest.

FORM A: GENERAL FIRM INFORMATION

A. Please complete the following information. Complete questions 10 thru 13 with a YES / NO.

1.	Firm’s name:			
2.	Business address:			
3.	Date Firm was organized:			
4.	Current president, CEO, or Principle in charge:			
5.	Number of permanent office and support employees:			
6.	How long has Firm been doing work similar to proposed project?			
7.	Firm Utah engineering license:			
	Primary classification:			

8.	Principal Utah engineering license # and expiration date:	
9.	Errors & Omissions insurance carrier name:	
	E & O Insurance limits:	
10.	Has the Firm, or any of its parents or subsidiaries, ever had a bankruptcy petition filed in its name, voluntarily or involuntarily?	
11.	Are there any unresolved claims or disputes on any work done by the Firm during the past five years?	
12.	Has the Firm ever failed to complete any work that it was awarded?	
13.	Has the Firm ever had any professional license, credential, or registration revoked?	

B. Attach licenses, certifications, and last 3 years of financial information.

FORM B: SIMILAR WORK EXPERIENCE

A. Please complete the following information. Do not attach additional information.

1. Title of example project:	
2. Project location (city and state):	
3. Year completed (professional services):	
4. Year completed (construction, if applicable):	
5. Project Owner name:	
6. Project Owner contact name:	
7. Contact telephone number & email address:	
Brief description of project and relevance to this submittal (scope, size, cost, etc.):	

--

8. Subcontractors or Subcontractors involved in example project, if any:	
Firm name:	
Service provided:	
Firm name:	
Service provided:	
Firm name:	
Service provided:	

FORM C: PROJECT TEAM

A. Please identify Integrator’s key project team members, their title, and primary duties:

Name	Title	Primary Duties

B. Please identify key subcontractors or service providers that will support the project team.

Firm Name & Location	Contact Person	Support Services Provided

C. Please attach an organizational chart of the project team. Include subcontractors and service providers. Additional team members not listed above may be included on the chart. Limit chart to one page.

FORM D: RESUMES OF KEY PERSONNEL

A. The following form may be used. Substitute forms are allowed; however, each resume shall be one page in length. Additional relevant project experience may be attached to this form.

1. Name:	
2. Years of engineering experience:	
3. Years with current firm:	
4. Education (degree and specialization):	
5. Current P.E. registration (state and discipline):	
6. Other professional qualifications:	
7. Relevant project experience (Name & Location):	
Year completed (professional services):	
Year completed (construction, if applicable):	
Brief description (scope, size, cost, etc.) and specific role:	
8. Relevant project experience (Name & Location):	
Year completed (professional services):	
Year completed (construction, if applicable):	
Brief description (scope, size, cost, etc.) and specific role:	
9. Relevant project experience (Name & Location):	
Year completed (professional services):	
Year completed (construction, if applicable):	
Brief description (scope, size, cost, etc.) and specific role:	