

**SOUTH VALLEY WATER RECLAMATION FACILITY
NOTICE OF SOLE SOURCE PROCUREMENT**

April 26, 2022

Pursuant to UTAH CODE ANN. §63G-6a-802, public notice is hereby given that South Valley Water Reclamation Facility (“SVWRF”) intends to conduct a sole source procurement for the purchase of engineering services for the design and construction related services associated with the upgrade of electrical variable frequency drives throughout SVWRF.

Conducting Procurement Unit:	South Valley Water Reclamation Facility
Procurement Unit Acquiring Procurement Item:	South Valley Water Reclamation Facility
Solicitation Opening Date:	May 5, 2022
Solicitation Closing Date:	May 13, 2022
Issuing Procurement Unit Contact Information:	Lee Rawlings (801) 566-7711 Monday–Thursday 9:00 a.m.-4:00 p.m.

This procurement involves professional engineering services for design and construction of variable frequency drive equipment located throughout the SVWRF including influent lift pumps, return activated sludge pumps and waste activated sludge pumps located in several buildings throughout SVWRF. If, for any reason, any party does not agree that this sole source purchase is applicable, they should contact the Issuing Procurement Unit Contact person listed above.

It is the intent of this sole source procurement to minimize cost to SVWRF in the execution of the following tasks: consideration of technology; application of technology to process needs; prepare construction drawings and specifications for demolition of existing electrical gear and installation of new electrical gear; provide a coordination plan for the execution of the work; offer bid services including assistance with prequalification of electrical contractors; conduct construction coordination construction meetings; review equipment submittals; address requested clarifications and information during construction; evaluate progress pay requests; evaluate change order requests; facilitate SVWRF staff in execution of the work.

This sole source procurement for this work is justified by institutional knowledge acquired by Carollo over the course of key historical projects designed over the course of two decades as the SVWRF and its incoming raw sewage load has grown. SVWRF’s headwork building was expanded from its original four pumps and drives to six influent pumps and their associated electrical drives replaced and new controls added in 1999. The design engineer was Morroni Engineering, a firm which produced a significant effort improving SVWRF’s electrical system. This effort required an extraordinary learning curve while the consultant created master electrical drawings documenting the SVWRF’s facility, a task that was not completed with the original construction of the facility in the 1980s. 2001 saw the acquisition of Morroni Engineering with Carollo Engineers and the migration of the institutional knowledge of SVWRF electrical structure to this new firm. A multi-pronged effort, led by MWH Engineers, Bowen Collins & Associates, and Carollo Engineers from 2006 thru 2010 resulted in significant upgrades to SVWRF, with MWH Engineers & Bowen, Collins & Associates focusing on civil and process components, and Carollo focusing on electrical and instrumentation improvements. Carollo’s institutional knowledge of SVWRF’s electrical system grew during this time. The first of several fault & coordination studies were completed; the service entrance, substations and transformers were replaced to produce a more reliable and efficient electrical system for SVWRF; numerous large horsepower across the line starters were replaced with variable frequency drives in multiple

process pump stations to improve process control and the Facility's power factor. Provisions for future demand needs at SVWRF were included in the improvements which allowed for the construction of Thermal Drying and Advanced Grit Removal, as well as facilities yet to be constructed such as a new Emergency Generation Building. Carollo provided the engineering guidance required to complete a second upgrade in headworks in 2012 when flows and equipment age necessitated upgrading the variable frequency drives in headworks and expanding the number of drives to six. Carollo has committed the same design team to SVWRF over the many years to ensure a high level of familiarity results in a high level of design efficiency and commitment to the SVWRF long term objectives as they relate to electrical improvements. This sole source will result in a high level of efficiency given the amount of institutional knowledge and will result in a clear economic benefit to SVWRF. Equipment selection can be made by Carollo as they are already familiar with the physical and system constraints SVWRF presents to any designer or engineer. Previous studies and drawings produced by Carollo provide a starting point further along than any other consultant has for this work. This minimizes the duration of the design effort and allows more time for equipment production and delivery at this time during which supply chains are stressed with production and delivery dates being extended well beyond anything within recent memory.

The final decision for this sole source procurement will be made no earlier and no later than May 19, 2022 at 12:30 PM.

South Valley Water Reclamation Facility intends to award this sole source procurement to Carollo Engineers. Parties who wish to obtain a copy of the procurement documents, desire additional information related to this sole source procurement, or contest it may contact Lee Rawlings using the information listed above.