



Metering Upgrades

Proposal for Victor Valley WWTP

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Customer Information:
Victor Valley WWTP

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1.0 Client Objective

Victor Valley Water Reclamation Facility (VWVRF) intends to replace existing electrical metering equipment with updated, reliable, and accurate meters to support facility monitoring, operational efficiency, and long-term maintainability. The objective of this project is to safely remove and replace existing meters and install new metering equipment in accordance with applicable electrical standards and customer requirements.

2.0 Scope of Work

Schneider Electric will provide all labor, materials, equipment, and technical expertise required to complete the electrical meter replacement, selector switch replacement, and system training services for the Victor Valley Water Reclamation Facility, as defined in this proposal.

2.1 Existing Meter Removal & Replacement

The scope of work includes the removal and replacement of the following **existing electrical meter**:

- **Existing Meter:** GE PQM-II Power Quality Meter
- **Replacement Meter:** SEL-735 Power Quality and Revenue Meter

The work includes, but is not limited to:

- De-energized removal of the existing GE PQM-II meter
- Supply and installation of the SEL-735 Power Quality and Revenue Meter
- Reuse of existing CT and PT circuits unless otherwise noted
- Termination of voltage, current, and control wiring
- Installation of the SEL-735 meter for site electrical bus metering as shown on new provided drawings
- Proper mounting and verification of installed equipment
- Point-to-point wiring verification associated with the meter replacement

NOTE: The part number provided to SE for the SEL-735 meter by customer (735#JENJ) is obsolete and SE is proposing the new part number as a replacement.

2.2 Meter Configuration & Functional Verification

- Configuration of the SEL-735 meter to match required electrical parameters
- Verification of voltage, current, phase rotation, scaling, and polarity

This scope does **not** include SCADA, EMS, historian, or third-party system integration unless explicitly stated elsewhere in this proposal.



2.3 Removal of Decommissioned Switches on the Switchboard Door

In conjunction with the meter replacement activities, Schneider Electric's field service team will:

- Remove decommissioned selector switches on the switchboard
- Supply and install cover plates as specified

The components to be removed as part of this scope of work are identified and documented in **Section 9 – Image Attachments**, which includes image references of the existing equipment scheduled for removal. All selector switch replacement work will be performed under de-energized conditions unless otherwise coordinated and approved by the customer.

2.4 System Training

Schneider Electric will provide **comprehensive system training** to the customer's engineers and operators for the PLC, HMI, and relaying upgrades included in this quote.

Training scope includes:

- PLC system overview and operational concepts
- HMI navigation, functionality, and alarm handling
- Relaying system overview related to the SEL-735 meter and associated upgrades
- Review of new equipment functionality and basic maintenance considerations

2.6 On-Site Services Duration

To accomplish the overall installation services scope, the Schneider Electric field service representative will be on-site for a total of two (2) days, scheduled as follows:

- Day 1 (Weekday):
Installation, configuration, and functional testing of the new SEL-735 Power Quality and Revenue Meter
- Day 2 (Weekday):
Removal of obsolete components in the switchgear, as identified in Section 9 – Attachments

The on-site schedule is contingent upon site readiness, equipment de-energization, and customer coordination. Any additional on-site time beyond the two (2) days described above will require written authorization and may be subject to additional charges.

Deliverables

Schneider Electric will provide the following deliverables upon completion of the work:

- Updated As-built shop drawings for the paralleling switchgear with SEL-735 meter
- As built updates to show obsolete components.
- Installation services for the new meter and removal of the obsolete parts
- System to be upgraded/commissioned in a single trip.
- Training to be provided in the same trip unless specified otherwise in scope of work.



3.0 Project Clarifications

- Demolition of Existing meter and decommissioned components on door will be performed by Schneider Electric Field Services.
- Schneider Electric assumes the site and equipment will be ready and available for work related to any scheduled integration, testing, and commissioning of the switchboard. Quotation assumes all ancillary devices in existing sections of the switchboard are operable, in good condition, and will be reused. Delays or redeployment requirements beyond our control will be billed in addition to the costs in this proposal.
- Complete de-energization of the switchgear will likely be required to install components, modify breaker control circuits, and terminate interconnection wires. The final commissioning plan with shutdown requirements will be available after the design is complete. Customer to coordinate the plant operation during this interruption, including supplying temporary backup power to critical loads if necessary.
- It is assumed that the existing breakers controlled by the trip units are all functioning properly (shunt trip coil, shunt close coil, auxiliary contacts, motor charges and sensing relays). If found that the existing breakers are not functioning properly, then a change order will be required to repair these breaker(s).
- It is assumed that the existing PTs, and CTs are all functioning properly. If it is found that these existing devices/components are not functioning properly, then a change order will be required to replace these items. This quote proposal does not consider replacing any of these components.
- Additional spare components for hardware are not included in this proposal unless otherwise noted.
- Change in services due to additional electrical equipment and devices not included in the original scope will require a negotiated change order. Approval time on the inclusion of out-of-scope devices is critical to avoid re-mobilization charges. We will notify the facility of any out-of-scope devices within one business day of discovery; the facility will have 48 hours to notify Schneider Electric in writing of their intentions to expand the scope to include the additional equipment without incurring re-mobilization charges.
- Proposal only covers new drawings related to replacement equipment and wiring, does not cover any other work completed by others that are not represented on drawings provided by customer.
- During onsite work, Schneider Electric personnel will need the assistance of a qualified electrician or facilities technician familiar with the electrical circuits and loads. This person must be able to provide equipment and document access and will perform all switching, de-energization, re-energization, grounding, and lockout of the equipment as necessary. Schneider Electric personnel will apply their locks and tags as directed by the Customer person in charge of the lockout/tagout process.
- This proposal does not include a review or modification to the system grounding.
- Customer must ensure safe working conditions at all locations where work to be performed and provide a list of job site hazards specific to its operation. These may include, but are not limited to, confined spaces, presence of chemicals and contaminants, and other operations in the area.



Customer must provide emergency response training or documentation to Schneider Electric employees. Prior to the commencement of work, the facility management must advise employees that hazardous work will be taking place. Areas in which our personnel are working must be restricted to authorized personnel only.

4.0 Customer/Contractor Responsibilities

- Customer/Contractor must provide free and clear access to perform the above work. There will be additional charges for customer delays and for additional trips to the site because of work cancellation/reschedule.
- SE is Expected to provide all drawings related to project in either Autocad or .PDF format. If unable to provide drawings, proposal excludes creation of new drawings unless noted in scope of work.
- Customer is responsible for the cost and execution of de-energizing equipment, if required.
- During onsite work, our personnel will need access to the facility's electrical infrastructure, and the assistance of an electrician or facilities technician familiar with the electrical circuits and loads during the on-site work. The electrical escort should be able to provide equipment and document access.
- Prior to the commencement of work, the facility management must advise employees that hazardous work will be taking place. Areas in which our personnel are working must be restricted to "qualified" personnel only.
- Change in services due to additional electrical equipment, devices, and unforeseen conditions not included in original scope will require a negotiated change order. Approval time on inclusion of out-of-scope devices is critical to avoid re-mobilization charges. We will notify the facility of any out-of-scope items. The facility will have 48 hours to notify SE in writing of their intentions to expand the scope to include the additional items without incurring re-mobilization charges.
- Customer is responsible for removal of demo materials
- If project is equipped, Schneider Electric strongly recommends the customer have a qualified generator technician on-site during ATO commissioning to assist with troubleshooting and resolving issues with the generator or generator controller which may arise during testing. Schneider Electric technicians will not work on the generator or the generator controller as part of this project.



5.0 Schedule

Work will be scheduled upon receipt of a purchase order. Typical lead time for delivery of submittal drawings for customer review is 4 to 6 weeks. Equipment lead times may vary and will be reviewed at the project kickoff meeting. Commissioning to be coordinated based on customer schedule.

Work shall be invoiced on the following Progress Invoicing Milestones per Milestone listed below.

- Milestone 1: Engineering = 20%
- Milestone 2: Materials/Long Lead Items = 30%
- Milestone 3: Installation, Testing and Training = 40%
- Milestone 4: As-builts drawings = 10%

6.0 Terms and Conditions

The work described in this proposal will be performed in accordance with Schneider Electric Terms and Conditions of Supply and Performance, which are attached to this proposal. Unless agreed to in writing, no other terms and conditions shall apply and any preprinted terms and conditions on customer's purchase order are specifically rejected.

Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control including changes in laws, regulations, by-laws or direction from a competent authority.

If the execution timeline of this project exceeds 12 months due to limitations in site availability, shutdowns, and other factors that are controlled by the customer, any price escalations (change orders) would be passed along to the customer.

Due to the extreme volatility in the commodities and labor markets, this quotation is valid for only 30 days. Currently there is extreme volatility due to tariffs and market changing conditions in the steel, copper, Aluminum, and plastics. We will do our best to hold pricing, but there are many factors beyond our control and these potential increases would be passed along to the customer. It is also assumed that this project will be executed within 12 months. If the execution timeline of this project exceeds this timeframe, any price escalations would also be passed along to the customer.

7.0 Invoicing

Invoicing will be performed based upon the above milestones under 5.0 Schedule.



8.0 Attachments

- Obsolete control switches to be removed by SE

All switches with the 'Not in Service' blue tags will be removed





January 12, 2026



