

4850L Ross Substation Questions

1. During the site visit, two power units were located within the footprint of the proposed housekeeping pad, it was stated that they would likely be removed by January 2026. Can SDSTA confirm these will be relocated by others prior to work under this contract and that no cost should be included to relocate them.

Existing power units, when moved, will be relocated by others. No cost should be included in relocating the power units by the Contractor.

2. Concrete – Will surface batched concrete be allowed on the project if the GC can coordinate and sequence the pour to fit within cage operations schedules and parameters?

Please utilize pre-mixed, bag mix and portable mixing UG for the purposes of this scope. Contractor to ensure dust collection/handling, cleanup/containment of spills, provisions for portable mixing (electric mixer preferred), handling of trash/waste post mixing/pouring in two locations, 6-winze and trolley drift as discussed during the site visit.

3. Underground Equipment restrictions – it was verbally stated during the prebid that equipment cannot be gas operated. Are there any other equipment restrictions?

UG equipment is generally electric, or diesel powered, with diesel powered engines to be approved by SDSTA ESH with regards to emissions and use of dual-walled bulk fuel totes/handling on both surface and UG day tanks. Consult the SDSTA ESH manual identified in the project specifications, Section 01-35-23 paragraph 1.2.1, or mentioned in paragraph 1.2.24

4. Electrical work included in contract – Per the RFP, all substation equipment and electrical work are by others. Additionally, the UFER grounding system for the housekeeping pad is noted by others. However, the RFP does not clarify if the fire/smoke damper and vane fan are also to be powered by others or if costs for electrical connections for these items are to be included in the contract. Please clarify if it is required to provide electrical and connections in this contract, please provide details of how this would be accomplished.

SDSTA will provide temporary power for commissioning the fan and fire dampers. SDSTA will connect and disconnect the temporary power. Contractor to notify SDSTA within 3 weeks in advance as to the scheduled need for said temporary power, voltage and amps required to facilitate proper coordination/installation timing.

5. In your 8/28 email you stated submissions are due on 9/17 @ 4:00 PM, however the updated RFP states 9/17 @ 2:00 PM. Please advise which time will be followed

The correct submission date and time is 9/17/2025 at 2:00 PM.

6. Commissioning – The project documents do not include and reference or requirements for contractor provided commissioning of elements provided & installed in the project (Axial Vane Fan, Fire/Smoke Dampers, etc.). Can you confirm there are no commissioning requirements for this contract?

Contractor shall test/commission the fan and fire dampers (and doors). SDSTA will temporarily power the fan and fire dampers for testing purposes per question 4.

7. Sheet A101 – Detail 4/A103 – The detail does not align with the proposed construction. Our interpretation is that this applies to only the existing trench locations where the proposed CMU walls cross. From the site visit, there are two existing trenches that run parallel to the drift walls and would be crossed at each wall, please confirm these are the locations this detail references. Please advise if additional locations are applicable.

Details 1 and 4 of drawing A-103 pertain to the trench covers required where CMU walls cross the drain trenches. The trench covers are required to maintain the 2-hour fire rating of the walls. Each wall crosses a trench drain in 2 locations. Trench covers are not required at any other locations.

As discussed during the site visit regarding PPE, there are upcoming changes to the ESH/PPE requirements specific to underground work. See below the redlined changes to our PPE standard.

Standard SURF PPE, when required, is as follows:

- Head protection (hard hat) ANSI Z89.1 ~~Type 2~~ with Chin Strap
- Eye protection (safety glasses with side shields) ANSI Z87.1
- Foot protection (safety toe footwear with suitable tread) ASTM F2413
- Escorted visitors are required to wear sturdy flat footwear. Sandals, open toes and high heels are prohibited.
- Pants (substantial material)
- Cut Level 4 gloves required
- Shirt with ~~a minimum four-inch~~ long sleeves.
- ~~Hi-visibility/reflective clothing~~ ANSI Class 2 high visibility
- ~~During low light conditions, reflective clothing is required~~