



## **REQUEST FOR PROPOSAL - ADDENDUM 1**

### **O'Neill Pumping-Generating Plant Power Transformer Rehabilitations**

### **Questions and Answers**

Date: May 6, 2022

**Project Title:** O'Neill Pumping-Generating Plant Power Transformer Rehabilitations  
**Project Specification Number:** F22-OPP-059

The original Request for Proposals (RFP) and any previously-issued addenda remain in full force and effect. This Addendum provides clarification of the RFP and answers to questions received by potential proposers. Only formal answers to questions in addenda are binding on the San Luis & Delta-Mendota Water Authority (Authority) in interpreting the RFP.

The following items are part of this addendum:

1. Question and Answers
2. Pre-Proposal Sign-In Sheet
3. Addenda Acknowledgement Form (to be submitted with proposal)
4. Revised RFP Document (available via Dropbox)
5. Revised Specifications Document (available via Dropbox)
6. Transformer Oil Test Report (available via Dropbox)

Please do not hesitate to contact me with any questions regarding this addendum.

Sincerely,

A handwritten signature in blue ink that reads "Jeramee Campbell". The signature is written in a cursive, flowing style.

Jeramee Campbell  
Contracts Specialist

## Question and Answers:

Overall Clarification: The Authority is not providing any of the required items mentioned in the Price Schedule. The Contractor is allowed to have separate subcontractors or vendors; however, the Contractor is responsible for performing all of the required work mentioned in the Contract, including, but not limited to, purchasing, transporting, furnishing, and testing of equipment specified.

1. There are nearly 110 submittals listed within the Submittal portion of the specification. Which pertain specifically to this project and which are required by vendor to submit?
  - a. All submittals listed in Table 1 of Section 01 33 00 - Submittals pertain specifically to this project and are required by the Contractor to submit. Note that some submittals must be submitted for each transformer as defined in Section 48 19 23 – Electrical Power Generation Transformers, Article 1.04.B. Subcontractors and vendors may assist with the data or compilation of the submittals, but all final submittals must be reviewed and submitted through the Contract Document Management System by the Contractor. See Section 01 33 00 – Submittals, Article 1.05.A for these requirements.
2. Question regarding Submittals (REF F22-OPP-059, PGS 7-14): What does responsibility code PM, 8540, 8460 designate? Which submittals are required of contractor to the Authority?
  - a. The submittal procedure is detailed in Section 01 33 00 - Submittals, Article 1.05 which explains that all submittals identified with CDMS are to be submitted electronically. For submittals that are required to be sent as hard copies, refer to Section 01 33 00 – Submittals, Article 1.07. The responsibility code designates which group is responsible for responding to the RSN; PM – Project Manager, 8540 - Materials and Corrosion Laboratory, 8460 – Electrical Equipment Group. See Section 01 33 00 – Submittals, Articles 1.07.A and 1.07.B for additional information.
3. Regarding drawings, are mark ups required or new substation electrical drawings indicating changes?
  - a. Yes, per Section 52 00 00 – Drawings, Article 1.04, drawings located in the “Electrical Installation Drawings” list are required to be marked up by the Contractor to reflect as-built conditions. This list includes drawings 16 through 21 as listed in Section 52 00 00 – Drawing. Additionally, see Section 01 78 30 – Project Record Documents, Article 1.03 for specifics on how to markup drawings.
  - b. In addition to these markups, the Contractor must also provide final drawings for approval drawings submitted during the project. These final drawings are referenced in Table 1 of Section 01 33 00 – Submittals.
4. Does the Authority require a mechanical design analysis of the spare tank lid prior to purchase of new tank top?
  - a. The Contractor must contact Pennsylvania Transformers regarding the rusting of the spare transformer tank lid and discuss the necessity and feasibility of a lid replacement. It will be the Contractor's responsibility to provide a complete analysis of the tank lid as part of Required Submittal Number (RSN) 26 05 05-1. The Authority will respond to the analysis submittal with the appropriate action and if a new lid should be purchased. See Section 26 05 05 – Selective Demolition for Electrical, Article 3.04 for requirements.
5. Does work require a dedicated Safety Manager be on site?
  - a. The work requires that the Contractor, prior to the start of construction, designate an employee as the Contractor’s Onsite Safety Representative. The onsite Safety Representative may have other non-safety duties as explained in Section 01 35 30 – Contractor’s Onsite Safety Personnel, Article 1.05.B.11. See Section 01 35 30 –

Contractor's Onsite Safety Personnel, Articles 1.04.A. and 1.05 for additional requirements.

6. How will we connect with the Contract Document Management System? Or will we?
  - a. The Contract Document Management System (CDMS) must be provided by the Contractor for use on this project. The Contractor will establish the system and provide the necessary access as required in Section 01 31 30 – Contract Document Management System.
7. Is there asbestos related work?
  - a. There is asbestos related work; the transformer device wiring going back to the transformer control cabinet and the spare transformer lid gasket both contain asbestos as detailed in Section 51 02 82 – Hazardous Materials Survey and Analytical Results. Contractors will be required to remove, contain, store, transport and dispose of asbestos for the transformer device wiring. The tank lid gasket may be included depending upon the response provided to the tank lid replacement analysis (submittal 26 05 05-1). The Contractor must follow removal procedures in accordance with the approved Asbestos Hazard Abatement Plan. See Section 02 82 20 – Removal and Disposal of Asbestos Containing Materials.
8. Question regarding AIR POLLUTION CONTROL. Are we required to utilize anything special regarding a generator for the site?
  - a. A temporary site generator must use reasonably available methods and devices to prevent, control, and otherwise minimize atmospheric emissions or discharges of air contaminants as detailed in Section 01 57 20 – Environmental Controls, Article 1.05. It must also follow all applicable California Resources Board (CARB) and San Joaquin Valley Air Pollution Control District (SJVAPCD) regulations as detailed in Section 01 57 20 – Environmental Controls, Article 1.03.
9. I do not see a SUBMITTAL in list labeled 01-33-00 nor 01-33-26
  - a. This is correct, Section 01 33 00 – Submittals and Section 01 33 26 – Electrical Drawings and Data do not require submittals; however, they do provide requirements for how to submit submittals. See Section 01 33 00 – Submittals, Article 1.04 and Section 01 33 26 – Electrical Drawings and Data, Article 1.03 for further details on overall submittal requirements.
10. I do not understand what is meant by “Approval Drawings” (Electrical Power Generation Transformer-3) when it comes to the power transformers. The transformers are existing and some drawings have been provided in specification?
  - a. While there are existing drawings for the transformers, Approval Drawings listed in RSN 48 19 23-1 are required for the new systems and modifications that will occur with the full rehabilitation. As stated in Section 48 19 23 – Electrical Power Generation Transformers, Article 1.04.C.2, it is allowed that the Contractor use existing drawings to assist with the development of these approval drawings, but that complete new drawings must be created and submitted.
11. Are we to create outline drawing for refurbished transformer showing Nitrogen system, new interconnect cabinet, removal of side tank, new arrestors ...etc ? for each transformer at final??
  - a. Yes, the Contractor is responsible for submitting drawings that show the modifications included in the transformer rehabilitation. See Section 48 19 23 – Electrical Power Generation Transformers, Article 1.04.C.3 for full requirements. As stated in Article 1.04.C.1, it is allowed for one set of drawings to be submitted for all identical transformers being rehabilitated. These drawings must be developed and submitted prior to purchasing materials as listed in Table 1 under RSN 48 19 23-1 in Section 01 33 00 – Submittals.
12. Do the transformers require new nameplate? I ask this because a Nameplate drawing is requested in spec.

- a. Yes, each of the transformers will require a new nameplate. See Section 48 19 23 – Electrical Power Generation Transformers, Article 2.10.E.3 for full requirements.
  - b. Additionally, identification signs are required as detailed in Section 26 05 75 – Identification Signs.
13. Will Weld Maps be required for Tank Lid work on spare?
- a. The Contractor is responsible for contacting the manufacturer, Pennsylvania Transformers to discuss the tank lid replacement details and provide an analysis report as mentioned in Section 26 05 05 – Selective Demolition for Electrical, Article 3.04.B. If SLDMWA decides to replace the tank lid in response to the analysis, tank lid weld maps are required as part of Required Submittal Number (RSN) 48 19 23-1 Approval Drawings and Data. See Section 48 19 23 – Electrical Power Generation Transformers, Article 1.04.C.3.b for full requirements.
14. Please confirm; as part of this project, vendor is to purchase and ship new LV bushings & neutral bushings for each transformer. And the HV bushing on the Spare.
- a. As part of this project, the Contractor is ultimately responsible for providing the bushings. Subcontractors and other vendors are allowed; however, the Contractor must review and provide the necessary material for the project. There is a total of one (1) HV bushing on the spare, eight (8) low voltage bushings, and four (4) neutral bushings required. One (1) additional bushing of each kind is required as extra materials to be stored on site. See Section 48 19 23 – Electrical Power Generation Transformers, Article 2.04 for further information on bushing requirements and Article 1.09 for the extra materials requirements.
15. EXTRA MATERIALS in section 1.09, are these bought as extra over and above what is to be used in the rehabilitation?
- a. Yes, the extra materials mentioned in Section 48 19 23 – Electrical Power Generation Transformers, Article 1.09 are to be purchased and delivered by the Contractor and will be stored on site as spares. All items mentioned in Article 1.09 will not be used in the rehabilitation of the transformers.
16. Who disposes of the old oil?
- a. The Contractor is responsible for disposing the existing mineral oil in the transformers, as stated in Section 26 05 05 – Selective Demolition for Electrical, Article 1.04.B.1. See Section 02 87 20 – Removal and Disposal of Used Oil for further requirements regarding oil disposal.
17. Who disposes of the old bushings?
- a. Per Section 26 05 05 – Selective Demolition for Electrical, Article 3.07.B, the Contractor is to dispose of the existing bushings. As noted in Section 26 05 05 – Selective Demolition for Electrical, Article 1.04.B.2., the existing high voltage bushing on the spare transformer is the only existing bushing that is considered hazardous. Section 01 57 35 – Oil Spill Prevention and Section 02 83 33 – Removal and Disposal of Equipment Containing Hazardous Materials provide further information for disposing of the bushings.
18. Bushing manufacturer needs better drawing for cross referencing purposes. Page 2 of 6 attached. Please confirm style number as style number is unreadable lower right; DWG 42XXXX?
- a. The number shown in the submitted image (Page 13 in Section 51 48 19 – Existing Transformer Operations Manual) for the high voltage neutral bushing is DWG 42660-C, as verified in the transformer overview drawing 805-M-D-39-1 (Drawing 65 in the package). This drawing also shows the GE catalog numbers for the other bushings: High Voltage – ID Number 7B564 (dimensional drawing shown on Page 12 in Section 51 48 19 – Existing Transformer Operations Manual) and Low Voltage – ID Number 1B873 (dimensional drawing shown on Page 11 in Section 51 48 19 – Existing Transformer Operations Manual).

19. For the purposes of this quote please elaborate what is required for items 1-4 & 1-5.
- a. CLIN 1-4 is related to the cost of the Contract Document Management System (CDMS) for the duration of the project. To elaborate, the Contractor is responsible for providing the CDMS as defined in Section 01 31 30 – Contract Document Management System and providing access to the appropriate personnel in SLDMWA and Reclamation. Some examples of a CDMS include: [Procore Construction Management Software \(www.procore.com\)](http://www.procore.com), [Trimble Viewpoint Construction Management Software \(www.viewpoint.com\)](http://www.viewpoint.com), and many others. The Contractor is responsible for proposing on a system that meets the requirements of the specifications.
  - b. CLIN 1-5 is related to the cost of producing drawings and data for all submittals as required in Section 01 33 26 – Electrical Drawings and Data, Article 1.03. This includes drawings, manufacturer’s drawings and data, Final Drawings, Test Reports, and Operation and Maintenance Instructions Manuals (approval version and final version) for all submittals encountered throughout the project.

## Pre-Proposal Sign-In Sheet

OPP TRANSFORMER REHAB  
F22-OPP-059

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April 12, 2022  
10:00AM

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### **Addenda Acknowledgment Form**

The Proposer shall initial below that it has received the appropriate addenda and has incorporated the addenda into its Proposal.

Addenda Received and Acknowledged

No. 1 \_\_\_\_\_  
No. 2 \_\_\_\_\_  
No. 3 \_\_\_\_\_