

From: Jeff Joyner
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Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project
Date: Tuesday, December 11, 2018 9:19:00 AM

Hi All!

The Question period for this project ended yesterday at noon. Below are answers to questions that made it in before the bell along with a few general clarifications.

***Bids are still due 12/14/18 before 2pm local time! Please have your bids stamped by the MID Receptionist before 2pm!**

***The Capacitor bank and steel supports will be supplied by Owner and assembled/installed by Contractor.**

***If you are unsure as to the supply/install responsibilities of any components or materials, please;**

***Bid it in**

***Or Note in Exceptions section of Bid Submittal Forms**

***Or Withhold your bid**

***If you are unsure of your company's capability to complete the new T4 testing/commissioning by 5/1/19, please;**

***Note in Exceptions section of Bid Submittal Forms**

***Or Withhold your bid**

***The Equipment and Material Reference File on the website will be updated today to include the Steel Detail drawings and the 4x4 pull box specs.**

***This Addenda email string will also be posted on the web later today.**

Thank You All for Your Participation and Good Luck!

-jeff

From: Jeff Joyner
Sent: Monday, December 10, 2018 9:33 AM
Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

All,
Attached is a spec for the 4x4 pull boxes.
-jeff

From: Jeff Joyner
Sent: Friday, December 07, 2018 3:18 PM
Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

All,

*Attached are the Steel detail drawings for your reference. Owner will be furnishing this material. Later today I will upload this info to the web in the Equipment Reference Material file.

*I do not have an Engineers Estimate for project cost at this time.

*All underground PVC conduit to be SCH40. Any exposed PVC conduits for risers, etc., to be SCH80.

*Regulators at T4 are to be removed, regulator pad and bus structure to remain.

*12kV T4 Bushing and radiator cover plates will be provided for transportation to MID Equipment Yard.

*21kV T4 transformer field assembly to be performed by owner's transformer manufacturer beginning on February 5, 2019. Removal of 12kV T4 transformer and installation of new 21kV T4 to likely happen on February 4, 2019. Owner is making tentative schedule arrangements with crane company for February 4.

*I hope to have 4x4 vault specs by Monday, until then please plan on 4x4x4 (inner dimension) vaults with steel incidental traffic lids. Vaults to have factory conduit terminations or "knock-outs" with conduits grouted-in and bell ends installed on conduit ends.

Thanks and have a good weekend!

-jeff

From: Jeff Joyner

Sent: Thursday, December 06, 2018 4:59 PM

Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

All,

Below is the expected removal make-ready for 12kV T4 along with a partial re-assembly after it is moved offsite to MID's Equipment Storage Yard (2789 Dart Drive, Atwater CA).

12kV T4 Removal Make-Ready:

*Disconnect HV and LV terminations.

*Disconnect control wires/conduits.

*Unbolt transformer pad bolts.

*Close radiator oil valves and drain radiators.

*Remove HV bushings while maintaining nitrogen blanket and cap bushing wells.

*Remove Surge Arresters.

*Assist in crane-rigging for transformer loading.

12kV T4 Partial Re-Assembly at MID Equipment Yard:

- *Assist in crane-rigging for transformer off-loading.
- *Install Surge Arresters.
- *Install HV bushings while maintaining nitrogen blanket.
- *Open Radiator oil valves and replace radiator oil.

Thanks!

-jeff

From: Jeff Joyner

Sent: Thursday, December 06, 2018 8:31 AM

Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

Hi All!

Attached is a Geotechnical Report for the soil at Cooper Substation. The report was performed for a canceled monopole tower project that was to be installed at the station but should have some good reference material for our modifications project. There will be another email later today regarding the T4 removal make-ready requirements.

Thanks!

-jeff

From: Jeff Joyner

Sent: Wednesday, December 05, 2018 8:40 AM

Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

Hi All!

The MID supplied relay settings will be provided in .rdb format.

Thanks!

-jeff

From: Jeff Joyner

Sent: Tuesday, December 04, 2018 6:24 PM

Subject: RE: MID IFB 2018-12 Cooper Substation Modifications Project

Hi All!

There will be no transformer oil containment plumbing work or fire suppression associated with this bid. Reference to this work has been removed from the scope of work in the Bid Information docs and an updated version has been uploaded to the web. Any drainage associated with this bid will be limited to maintaining the original grading slopes after excavations have been backfilled. Below is a link to the revised Bid Information docs.

Thanks!

-jeff

<http://mercedid.org/default/assets/File/MID%20IFB%202018-12%20Bid%20Information-%20Cooper%20Substation%20Modifications112918.pdf>

From: Jeff Joyner

Sent: Thursday, November 29, 2018 7:27 PM

Subject: MID IFB 2018-12 Cooper Substation Modifications Project

Hi All!

This will be the official email string for addenda on the Cooper Substation Modifications Project (MID IFB 2018-12). Please let me know if you'd like to have someone else from your company added to or removed from the email string. Below are important clarifications regarding MID/Contractor responsibilities.

- *Contractor to supply Bill of Material items 13-17(station service disconnects, station service metering enclosures, station service auto transfer switch, AC distribution panel, DC distribution panel).**
- *Owner to provide crane service and off site transportation for existing 12kV regulators to be removed. Contractor to provide disassembly and transportation make-ready of regulators.**
- *Owner to provide crane service for removal/installation of T4 transformer. Contractor to provide transportation make-ready services for 12kV T4 removal.**
- *Owner to provide compacted access road through adjacent lot for crane and dolly to transport transformer (T4).**
- *Owner to construct the two new access gates within the existing substation fence.**
- *Owner to construct new fence with razor wire along north-end of adjacent lot and a new gate with razor wire at the south-end of adjacent lot.**
- *Contractor to supply any additional compaction/rock/security for adjacent lot for construction trailer/equipment/materials.**
- *Liquidated Damages will be charged after 5/1/19 if the new 21kV T4 transformer/bus section/bus tie are not fully commissioned. (Complete project except 4 Bus Switches by 5/1/19)**
- *The four new 2000A Bus Switches for the existing 21kV bus section will need to be replaced/installed one-at-a-time after T4 and bus tie are commissioned.**
- *Contractor to extend any distribution feeder conduits leaving the station to 10ft outside of substation fence.**
- *We expect that your lump-sum bid will be for a complete, turn-key project of the highest quality without change orders. If in doubt, ask for clarification now or bid it in!**
- *Below is a link to the MID website solicitation page with project info and bid forms.**

<http://mercedid.org/index.cfm/about/rfp-solicitations/>

Thanks for Your participation!

-jeff

JEFF JOYNER

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