

Installation of Charging Stations – RFP #23-18
Request for Clarification/Approved Equal

MATA responses follow in BOLD:

1. I had one more question about the duct bank where it goes under the driveway for the fuel trucks. I do not see a detail that specifies what if any rebar is needed in that concrete drive when it is poured back. Let me know if that is something I am just overlooking or what I need to include in my bid to place rebar in that new area of the driveway.

Bid form will be updated to reflect saw cutting and replacing section of existing driveway. Rebar will not be necessary in driveway. Match existing thickness, assume 8" for bidding purposes. Curb will be included in cost of driveway. Plans will be revised to reflect this change.

2. Do the subcontractors have to be on the TDOT prequalification List?

No, they do not.

3. Will there be a line item added to the bid form for the installation of the MATA provided EV bus chargers?

Bid form will be updated to add this line item.

4. Was the issue of the 1200A panelboard having a lead time longer than the 120 contract days addressed? 1200A Panel currently has lead times between 145 days to 55-week lead times and wanted to make sure liquidated damages would not be an issue with the 120 days allotted in the contract.

Lead times vary between manufacturers of electrical equipment. There are options to expedite the electrical equipment by paying expedite fees. Contractor should explore available options for procurement of electrical equipment and address them with the project team.

5. Sheet E6.2 / Note 8) indicates that we are to "Provide wiring per the ChargePoint Express Plus Installation Guide". Is this wiring contained within the wiring specifically quantified on the Bid Form? If not, please furnish a description of what is required.
 - a. We assume the wiring in the Bid Form is correct and no other items are needed.

Wiring for Power block to Power Link is estimated within the bid form and based on the first charger station installation. However, contractor must verify with manufacturer and installation/site design guide for the appropriate wire size and length to ensure Manufacturer equipment requirements are met. Below is the table found on page 25 of the Site Design guide:

DC Output, Aluminum

Type	Input Current Rating	Conductors Per Pole	Size	Ground	Minimum Conduit Size	
DC output (XHHW)	500 A	1	--	--	--	
		2	--	--	--	
		3	--	--	--	
		4	--	--	--	
	350 A	1	--	--	--	--
		2	400 mm ² (750 kcmil)	55 mm ² (1/0 AWG)	102 mm (4 in trade)	
		3	185 mm ² (350 kcmil)	55 mm ² (1/0 AWG)	89 mm (3.5 in trade)	
		4	185 mm ² (350 kcmil)	55 mm ² (1/0 AWG)	102 mm (4 in trade)	
	300 A	1	--	--	--	--
		2	400 mm ² (750 kcmil)	50 mm ² (1 AWG)	102 mm (4 in trade)	
		3	185 mm ² (350 kcmil)	50 mm ² (1 AWG)	89 mm (3.5 in trade)	
		4	120 mm ² (4/0 AWG)	50 mm ² (1 AWG)	76 mm (3 in trade)	
	250 A	1	500 mm ² (1000 kcmil)	50 mm ² (1 AWG)	76 mm (3 in trade)	
		2	240 mm ² (500 kcmil)	50 mm ² (1 AWG)	76 mm (3 in trade)	
		3	120 mm ² (4/0 AWG)	50 mm ² (1 AWG)	76 mm (3 in trade)	
		4	95 mm ² (3/0 AWG)	50 mm ² (1 AWG)	76 mm (3 in trade)	
	200 A	1	400 mm ² (750 kcmil)	35 mm ² (2 AWG)	76 mm (3 in trade)	
		2	185 mm ² (350 kcmil)	35 mm ² (2 AWG)	76 mm (3 in trade)	
		3	95 mm ² (3/0 AWG)	35 mm ² (2 AWG)	64 mm (2.5 in trade)	
		4	55 mm ² (1/0 AWG)	35 mm ² (2 AWG)	64 mm (2.5 in trade)	

6. Sheet E6.2: states that the ChargePoint Power Block and the ChargePoint Power Link are indicated to be **“provided by the owner”**. Our question: Will they be installed by the owner? If not, can we be provided with a cutsheet on the equipment to know what is required for the installation.
- We are assuming the owner’s provided equipment will also be installed by the owner.

Latest revision of drawing of Sheet E1.1 general note “D” indicates that changepoint power block and power link to be provided by owner and installed by electrical contractor per manufacturer’s installation manual.

7. The project specifications indicate that the project is to be completed within 120 Consecutive Days. The work required is not complicated, but there is electrical equipment required that is currently taking +/- a year to obtain. How will MATA address this time difference?
- Per the prebid meeting, MATA is aware the lead time for some of the electrical items could take up to a year to procure, and no LDs will be charged to the awarded contractor. Proposer will not include Liquidated Damages in their proposal.

This question will be addressed at the Pre-Production meeting after the Board award.