

ADDENDUM NO. 5
MBWWTP RENEWABLE ENERGY PROJECT
CONTRACT NO. W-17-024-201
CITY OF CHATTANOOGA, TENNESSEE

ADDITIONAL INFORMATION DOCUMENTS

The following documents:

- Questions and Responses No. 04

is being provided with this addendum for informational purposes only. The document listed above is not, and will not, be considered part of the Contract Documents.

Bidder Must Acknowledge Receipt of this Addendum on Bid Form

QUESTIONS AND RESPONSES No. 4

**MBWWTP Renewable Energy Project
CONTRACT NO. W-17-024-201**

CITY OF CHATTANOOGA, TENNESSEE

November 6, 2019

1. Q: While working through our design, we've come up with a system that maximizes output and has a similar price per kwh as the base design in the bid documents. However, the increased output design has a significantly higher Lump Sum price. Does the City of Chattanooga/MBWWTP have a target budget or Not-to-Exceed for this project? If so, should a maximum Lump Sum cost be considered in our design layouts?

R: The city is looking for the maximum kwh output in the allotted footprint for the lowest price. Please refer to the Bid Form for the evaluation criteria which will be used when reviewing bids.

2. Q: Where can I find the Affirmative Action Plan and Iran Divestment Act Compliance Certification documents?

R: These were included in Addendum 2.

3. Q: Can the temporary sediment basins be removed or relocated after grading operations are completed so that they are outside the solar array? It will be difficult to remove/restore these areas once the racking and modules are installed.

R: Yes, the sediment basins are to be removed as shown on sheet C-06.

4. Q: Clarify the proposed gravel road construction specification, particularly the base course thickness and material. The section on Civil Sheet 8 does not provide this information.

R: Please refer to Addendum 4 which provides this detail on Civil Sheet 8.

5. Q: Confirm that there is an adequate quantity of acceptable material available on site to complete the required fill so that importing is not required.

R: Yes. There is an adequate amount of fill on-site and importing additional fill should not be needed.

6. Q: Confirm inverter warranty. Technical spec Section A-4.7 requires 30 year lifetime design and A-5.4 requires a 20 year full replacement warranty. Industry standard is 10 years and purchasing a 10 year extended warranty is a high cost. Supplying spare inverters is a more economical option. In lieu of a 10 year extended warranty, would the

City of Chattanooga consider having the Contractor supply spare inverters and, if so, how many spare Inverters should be included?

R: The inverter should be selected with a 30-year lifecycle in mind and a 20-year warranty provided. See specification Section 48 14 00, A-5.4. "...provide a 20-year full parts and labor replacement warranty..." It is not acceptable to provide spare inverters in lieu of providing a 20-year inverter warranty.

7. Q: Confirm racking warranty. Technical spec Section A-4.8 requires a 30 year lifetime design. Industry standard is 20 years and purchasing a 10 year extended warranty is a high cost.

R: The racking system should be designed with a 30-year corrosion lifecycle consideration and a 10-year warranty provided by the manufacturer. See specification Section 48 14 00, A-5.3. "...supply a 10-year warranty for the installed structure ..."

8. Q: Project Information form (00 45 13-3) includes information that cannot be shared due to existing Confidentiality Agreements. Will the Contractor's bid be considered complete if applicable sections of this form are noted as confidential?

R: Some confidential information may be left off of the form and be accepted, however, the City will need enough information to confirm quality of the project and may ask for additional information during review if necessary.

9. Q: Clarify the scope of the Quality Verification Testing allowance?

R: This allowance as described is available to be utilized by the Owner to perform additional quality verification testing beyond the Contractor's scope of work as described in Section 48 14 00.

10. Q: Is technical information and/or equipment drawings for the central SCADA system available so the Contractor can confirm interface requirements?

R: The SCADA interface software is VTSCADA.

11. Q: Is a ballasted racking technology acceptable?

R: A ballasted racking system is not acceptable.