

To: Potential Escanaba Solar Project Bidders

February 6, 2018 Revision 1

From: Mike Furmanski, Superintendent, Electric Department, City of Escanaba

Subject: Request for Proposal for 1 MW (DC) Municipal Utility Led Community Solar Project

The City of Escanaba municipal Electric Department is seeking turnkey Engineer, Procure, Construct and Startup proposals for a 1 MW (DC) ground mounted, fixed tilt angle solar project. The proposed site for the Escanaba Solar Project is within a 10 acre site at the Delta County Industrial Air Park at the Delta County Airport. The site and Airport are within the City municipal electric distribution system territory. The RFP contains the following detailed information on the proposed project and site:

1. Specifications and minimum requirements for proposals
2. Site description with key setbacks and access routes
3. Filed FAA Form 7460 with Passed ForgeSolar Glare Analysis, approved by FAA 1/22/2018
4. Detailed Solmetric SunEye based Solar Shade Analysis
5. Geotechnical assessment testing and pile load testing for driven and helical piles
6. RFP Evaluation Process and Project Timetable

Westwood Professional Services from Eden Prairie, MN (Matt Wessale was the project manager), prepared and filed the FAA Form 7460 and ForgeSolar Glare Analysis, and performed the Solar Shade Analysis and Geotechnical Assessments and pile load testing. The detailed RFP and supporting documents are available on the City of Escanaba website: through the website: <http://www.escanaba.org/citybidlist>

A RFP response Proposal should be specific on how battery storage, e.g. 2 MWh, would be added in the future, and what facility modifications would be required. The future battery storage would provide the solar energy generation time shifting to reduce Escanaba's Transmission and Capacity costs.

The bid Proposals are due back by March 9, 2018. The bid Proposals will be evaluated and ranked primarily on:

1. Total turnkey installed cost
2. Estimated 25 year levelized cost of solar generation based on:
 - a. Estimated annual energy production using NREL PVWatts Version 2 calculator
 - b. Total turnkey installation cost, and
 - c. PV Module power output warranty data

Once a Bidder has provided a Proposal in response to the RFP, the Escanaba Electric Department will consider an **optional** Supplemental Proposal that includes the addition of Battery Storage and related equipment for solar energy generation time shifting. Directions for submitting the Supplemental Proposal are outlined in the RFP document.

Finally, once a Bidder has provided a Proposal in response to the base RFP, the Escanaba Electric Department will also consider **optional** Supplemental Proposals for the project under an alternative PPA arrangement summarized in the RFP.

Questions related to the RFP bid Proposal preparation should be directed to:

Mike Furmanski, Superintendent, Electric Department, 906-786-0061, mfurmanski@escanaba.org

E-mailed (rather than phone) questions about the RFP are recommended.