



## Request for Offers – Sale of Solar Water Heater Bid Package: 2020 – 120

### I. Overview

Golden Valley Electric Association (GVEA) is requesting offers to purchase the Solar Water Heater system located at the Denali Education Center located at Mile 231 Parks Highway, Denali Park, AK 99755

Please submit an original or an electronic copy of your offer to the contact person listed below no later than 2 pm on September 18, 2020. Any Offer received after the time specified may be promptly returned to the Offeror unopened.

A conference call will be held for any firm wishing to understand the project better. Conference call is scheduled at 2 pm Alaska time on September 9, 2020. Please submit your email to the contact below to be included in the invite to the meeting.

Questions may be submitted via email to [EPSchachle@gvea.com](mailto:EPSchachle@gvea.com), up to 2 pm on; September 11, 2020 questions will be answered by 3 pm on September 14, 2020. No further questions will be responded to after this date.

All responses to the RFO shall be submitted to:

Finance & Purchasing  
Attn: Ehren Schachle  
Contracting Specialist  
758 Illinois St.  
Fairbanks, AK 99701

## II. Background

In April of 2009, GVEA backed by a grant from the Alaska Energy Authority and, in partnership with the Denali Education Center, designed, installed, and commissioned a solar thermal domestic hot water (SDHW) system for the Denali Educational Center.

The system consisted of the following elements:

- a. A ground-mounted solar collector array consisting of 36 each Gobi 410 40 square-foot collectors configured as an indirect-heating glycol system.
- b. A 16-foot x 20-foot building housing a 2,965 gallon insulated, atmospheric pressure heat storage tank containing both solar collector loop heat transfer coils and domestic hot water DHW system heat transfer coils.
- c. A 1,281-foot primary pressurized DHW district loop and 251-foot spur line supplying DHW to 18 buildings dispersed over about 4 acres of the campus. All water distribution lines are insulated Pex.
- d. The system was put in place to help the Denali Education Center reduce the amount of fossil fuel used to heat hot water during the summers.

As the program has run its course, part of the system is being sold as surplus.

## III. Equipment to be Sold

- a. Heliodyne flat panel thermal collector, Gobi 410 – a total of 1,300 square feet of the collection area
- b. Heliodyne Control System
- c. Racking structure that holds up the panels
- d. 2000-gallon water storage tank (heat exchanger) that contains copper coils for the heat exchange

## IV. Terms and Conditions of Sale

- a. Equipment is sold as is where is
- b. Successful offer is required to remove the system prior to May 1, 2021
- c. The successful proposal will be paid in full to GVEA prior to removal of system
- d. In addition to price offered for the system, responder will demonstrate thru a work plan submitted with their offer that they have the experience, equipment and financial resources to complete the removal of the equipment