

ADDENDUM NO. 2

POWERHOUSE SOLAR ENERGY PROJECT

TO: ALL HOLDERS OF BID DOCUMENTS & CONTRACT PLANS AND SPECIFICATIONS

FROM: CASCADE WATER ALLIANCE

DATE: August 4, 2021

This Addendum hereby modifies and forms a part of the Contract Documents. Acknowledge this Addendum #2 in the Bid Form. Failure to do so may subject the Bidder to disqualification and/or make its Bid non-responsive in the discretion of Cascade Water Alliance.

1.01 ADDENDUM # 2

Q. Are building plans available for the Powerhouse, including electrical drawings?

A. Yes, as-built electrical one-line diagrams and building sections provided via Dropbox [link](#).

Q. Are there low voltage systems used within the building?

A. Yes, low voltage systems including A/V equipment (Wi-Fi, routers, monitors), office plug loads, and lighting fixtures are used within the Powerhouse.

Q. Is there Wi-Fi access in the main entry of the building, near the electric panel?

A. No. A cellular modem may be required to provide energy monitoring capabilities.

Q. Are there firewalls on the Wi-Fi that may inhibit access for solar monitoring equipment in the Powerhouse?

A. Yes.

Q. Is the arc flash study produced by Tetra Tech available for the Powerhouse electrical system?

A. No.

Q. Can you provide the actual electrical load on the main electric service panel for the Powerhouse?

A. Yes. Load calculations are included on the one-line diagram for the main electrical service panel are provided in the Dropbox [link](#).

Q. Is the interior wall space adjacent (East) of the entry door available for inverters?

A. Yes.

Q. Will the contractor have access to use Cascade's scissor lift for the rooftop solar installation process?

A. No.

Q. Is there a weight limit for the various roof sections?

A. The rooftop area is identified as adequate to support a superimposed load of six lbs. per square foot at interior zones and eight lbs. per square foot at corner zones.

Q. Can an electrical one-line diagram be made available for the two electrical services that were shown at the walk-thru?

A. The one-line diagram for the main electrical service panel is provided in the Dropbox [link](#).

Q. Is there a back-up generator connected in parallel to either of the 480V electrical panels shown at the walk-thru?

A. Cascade staff believes the back-up generator is connected in parallel to one of the 480V electrical panels but is not able to confirm at this time. An automatic transfer switch is located on the second floor of the powerhouse that is connected to the back-up generator located on the exterior of the building.

Q. Can the identity of the consulting structural engineer for the PV feasibility study be shared with the bidders as a resource for potential collaboration for stamped permit drawings?

A. Yes. Contact information: Daniel Munn, P.E., S.E.; email: dan@saezconsult.com; office: 206.557.4614; mobile: 360.620.4613.

Q. How much is known about the roof assemblies for the various roof sections? Can this information be shared with the bidders?

A. As-built structural drawing provided via Dropbox [link](#).

Q. Will penetrating fasteners be allowed in the roof decking material and/or structural support members of all the roof sections? If not, in which sections will they be allowed?

A. Yes.

Q. Will penetrating radar be needed to locate reinforcing steel, post tensioned or otherwise?

A. No.

Q. Will an arc flash study be required by the owner?

A. No.

Q. Is the asphalt area inside the locked fence available for hoisting purposes?

A. Yes.

1.02 SIGNATURE

Issued this 4th day of August 2021 by Cascade Water Alliance:



**Michael Brent,
Water Resources Manager**