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NOTICE TO CONTRACTORS

BID #1112-144

**Carson City Waste Water Treatment
Plant Solar Photovoltaic Project
Labor Commissioner PWP # CC-2012-094
Public Works Project No. 2.0805
Engineer's Estimate: \$1,410,000**

December 23, 2011

Addendum No. 1

Please make the following additions/changes to the above referenced project.

1. Instructions to Bidders

- A. There is a bid opening date conflict on ITB-2 #2. The date is incorrect. The correct date is January 4, 2012 consistent with the rest of the bid document.

2. Plans

- A. Sheet E1.0: corrections to plans
- i. Sheet Note #3...4" conduits and (1) new 3" conduit to the inverter...pull box & (2) new 3" conduits to inverter.
 - ii. Diamond 4 near the match line, with "typ" next to it, is a sheet note not a feeder.
- B. Sheet E2.0: corrections to plans
- i. Feeder to Combiner Box 'C' is feeder #8, not #2.
 - ii. The ground to the inverter is a # 1/0 cu ufer, disregard the (2) #2 cu, it is bonded to the main service via the equipment bond of feeder #4.
 - iii. Feeder #3 is 400 amp 3" conduit (4) #300MCM conductors and a #2 equipment ground.
 - iv. Feeder #4 is 500 amp 3" conduit (6) #250MCM conductors and a #1/0 equipment ground.
 - v. Feeder #5 is 500 amp (3) 4" conduit (3) #250MCM conductors and a #1/0 equipment ground in each conduit.
 - vi. Feeder #6 is 500 amp (2) 3" conduit (3) #250MCM, (1) #1/0 neutral conductors and a #1 equipment ground in each conduit.
 - vii. Feeder #8 is 400 amp 3" conduit (4) #350MCM conductors and a

- #1 equipment ground.
- C. Sheet E2.1: corrections to plans
 - i. The ground wire sizes shown on the drawings need to change to match the equipment ground conductor sizes of feeders #6, #5 and #4.
- D. Sheet E4.0: corrections to plans
 - i. The trench detail with the new ufer, upper left detail should read "AC / DC FEEDERS".
 - ii. The trench detail with the existing conduits and the storm drain should read "EXISTING FEEDER #2 DETAILS".

3. **Special Conditions**

- Replace SC.6.1.3 EXCAVATION, PATCH WORK (BP.2) in its entirety with the following.
- A. SC.6.1.3 CLEARING, GRUBBING, GRADING, BOULDER RELOCATION, EXCAVATION, PATCH WORK (BP.2)

A. Measurement for this item will be on a lump sum basis.

B. Payment for this item will be made at the price named in the Proposal Summary. The price for this item shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work as shown on the Plans or as specified in these Specifications, or as specified otherwise, and as directed by the Construction Manager.

4. **Bid Summary**

- A. At BP.2, replace "Excavation, Patchwork" with "Clearing, Grubbing, Grading, Boulder Relocation, Excavation and Patchwork"

5. **Clarifications**

- A. An NV Energy certification letter or waiver is not sufficient in lieu of a UL certified inspector for the main switch board work. The City will require a certified inspection separate from the utility.
- B. The footings can be formed by means of a "neat trench". Form boards are not required. No additional compensation for additional concrete will be provided.
- C. Alternate design proposals for the structural footings or posts are not acceptable.
- D. The City has recently performed 10 foot excavations in the project area and did not observe any groundwater. Due to the high degree of soil variability within the project limits, the contractor should carefully review the presented site and verify groundwater and soil conditions to the extent necessary to support their bid. No warranty is provided, expressed or implied as to subsurface conditions.
- E. A soils report has not been completed at the array location.
- F. Leveling is required across the array. Note that the plot of land at the

array site is relatively level with a maximum of 2 feet change in elevation at the southern extreme. The City estimates 25% of the array plot to cut up to 1 foot at the SE area and fill the SW area up to 1 foot. Earthwork shall be done per the structural notes and corresponding details. All required grading is included in BP.2.

- G. Excavation spoils can be left on site and shall be placed pursuant to the direction of the Construction Manager.
- H. Drawings have been posted to Reno Builders Exchange and Sierra Contractors Source.
- I. With regard to any survey map requirements for the conduit runs, please refer to GC 2.6.10. In addition to GC 2.6.10, detailed information will be required of the Contractor in order to produce accurate as-built record drawings upon project completion.
- J. With regard to SWPP compliance, please refer to GC 7.3.6.
- K. All existing conduit from the main electrical building to past the gate/fence area to remain intact and not require modification. However, there will be some need to re-route the conduits per the drawings provided at the metering section and inverter locations.
- L. Please note (2) existing pull boxes not shown on the drawings from the main electrical building to the gate/fence area.
- M. Site access will be provided to the array site from the NW gate of the property as well as the access from the access road entering the NE area of the site.
- N. Note the rock pile at the array site shall be relocated onsite by the contractor. Relocation of the rock pile is included in BP.2.
- O. Contractor to clear and grub site. Vegetation to be hauled to landfill and landfill tickets will be provided by the City, to eliminate tipping fees.
- P. Clearing/Grubbing work is hereby added to BP.2 of the required scope of work.
- Q. For the existing conduit layout for the Data Acquisition System/Monitoring, please refer to the attached schematic that has been provided.
- R. Within the Electrical drawings, the chevron symbols correlate to the particular sheet note on the same page. The numbered diamond symbols correlate to the feeder schedule and remain the same for all Electrical drawings.
- S. An equivalent racking system as manufactured by Unirac "Solar Mount Rail" is an acceptable alternative to the SnapNRack rail system. Please refer to GC 4.3.5.
- T. On Sheet A2.0, the material approximately 4" thick at finish grade is native soil. Please refer to the Structural drawings for pad and electrical equipment post concrete and fill requirements.
- U. For fence posts, it is acceptable to use a 12" diameter hole or a 12" square hole.
- V. On Sheet S0.0, the word "building" to be replaced with "project".
- W. Regarding the bid proposal form pages BP-3 through BP-7, BP-2 states "NOTICE: No substitution or revision to this Bid Proposal form will be

- accepted. Carson City will reject any Bid that is received that has changes or alterations to this document." This statement applies to all "BP" sheets.
- X. With regard to Bid Proposal Form pages BP-13 and BP-15, those forms accompany the progress payments, and don't need to be filled out for the bid submittal.

End of Addendum No. 1

