

ADDENDUM NO. 2

TO THE BID DOCUMENTS FOR THE
800MHz GENERATOR PROJECTS – SITES LEASED THROUGH AMERICAN
TOWER – SANDY, PADUA, MOUNTAIN PASS

The following changes and/or additions shall be made to the plans and/or specifications. All other requirements of the contract documents shall remain the same. The Bidder shall acknowledge receipt of the addendum by inserting its number and date in the Bid Proposal.

Replace Special Conditions

Replace the Special Conditions found in the Bid Documents in its entirety with the attached Special Conditions.

Responses to Bidder Questions:

Q1: The estimated cost for construction of \$465,000.00 – is this for all three or per individually site?

A1: Engineers Estimate covers the cost for all three projects.

Q2: Will a temporary generator be needed at each location during demolition and new construction?

A2: Contractor shall provide temporary generator at all three sites when the permanent generator is offline and/or utility power is disconnected. There shall be backup power available at all times during construction.

Q3: In order to properly size a temporary generator for each location, we need to know the load each building carries. What size temp generators do you recommend, or the capacity/ratings for power used at each site?

A3: Contractor shall provide temporary generator matching the size of new generator at each site. This temporary generator will back up the power source of the County Innovation and Technology Department (ITD) equipment room/cage equipment during construction. IF there is any downtime required, please coordinate with ITD prior to any power shut down work.

Q4: Sheet G-0-0 Summary of Work note 5 indicates, "Furnish and install power connection to HVAC units." Is this a typo? The drawings do not indicate HVAC unit(s) at this location. Where is the location of the HVAC so we can plan the conduit run? Also, what size conductors and conduits? This is not mentioned on the single line drawing.

A4: Please discard the "power connection to HVAC" at summary of work.

Q5: Sheet E-1.1 general note C talks about not exceeding 5 Ohms resistance for grounding. This site is on top of a rocky mountain. There is no room for a drill rig to get to the rear of the building (where the new generator will be located) and drill through the rock. Is there another solution for grounding that does not involve drilling? Can we tie into the building's grounding system or the antennae grounding system?

A5: The intent is to have grounding connecting to generator directly per single line diagram. Contractor can consider to install ground rod in ground well outside adjacent to the generator room. That will give enough room for drill rig IF necessary. Contractor shall mark the conduit and grounding termination at generator for exterior located ground rod.

Q6: Sheet E-1.1 general note E indicates provide temporary HVAC to data room as required by the County. Please indicated how many tons of temporary cooling you require for each site.

A6: Per County, contractor shall provide temporary cooling at Padua ITD equipment. Mt Pass and Sandy do not require. For tonnage of temporary cooling at Padua, it shall be (1) 5 tons units.

Q7: General sheet note 4 calls out mechanical drawings. Are there any mechanical drawings?

A7: Please follow structural drawings for generator exhaust mounting requirement. Discard note referring to mechanical drawings.

Q8: General sheet note 8 calls out remove and replace air intake filters. Do you have a manufacturer, size, and quantity for these filers?

A8: Contractor shall field verify and replace intake filters as required. No specific manufacturer is required. Size and quantity shall be field verified.

Q9: Aside from what is called out on the plans, is there any specific manufacturers that are required or preferred?

A9: Per Electrical Scope of work, Generac Generator and GE ATS were used as basis of design. They are County of San Bernardino "preferred" manufacturer.

**** GENERAC GENERATOR AND GE ATS WERE USED AS BASIS OF DESIGN. CONTRACTOR SHALL SUBMIT PRODUCTS PER BOD OR APPROVED EQUAL BY COUNTY AND EEOR. ANY SUBSTITUTION PRODUCTS SHALL MATCH ALL SPECIFICATION AND PHYSICAL REQUIREMENT. CONTRACTOR IS RESPONSIBLE TO PROVIDE REVISED STRUCTURAL DESIGN, ELECTRICAL DESIGN AND MECHANICAL DESIGN AS REQUIRED.**

Q10: There is no bid bond form attach to the bid package, can we submit a general/standard bid bond?

A10: A general bid bond form is acceptable.

Q11: All exterior wall patches will be finished to match wall texture. What about color? Building has been pressure washed inconsistently. Partial paint still on the wall. (Padua)

A11: Match existing wall color.

Q12: What is the final trim that goes on the exterior of the building at the generator air intake? Padua & Mtn Pass

A12: Stainless Steel with White powder coating finish (exterior grade).

Q13: What is the extent of the restoration in the generator room after demo and wall patching? Are we required to paint the whole room? Padua & Mtn Pass

A13: Painting is not required.

Q14: What are we doing with the old generator? Are we scrapping it or is it going back to the county yard? (Padua)

A14: Follow direction on ED-1.1 General note C.

Q15: Is there a fuel truck ground rod that is required at this site? Padua & Mtn Pass

A15: It is not required for indoor generator.

Q16: Confirm if generator at Mtn Pass is single phase or three phase. All others are coordinated three phases.

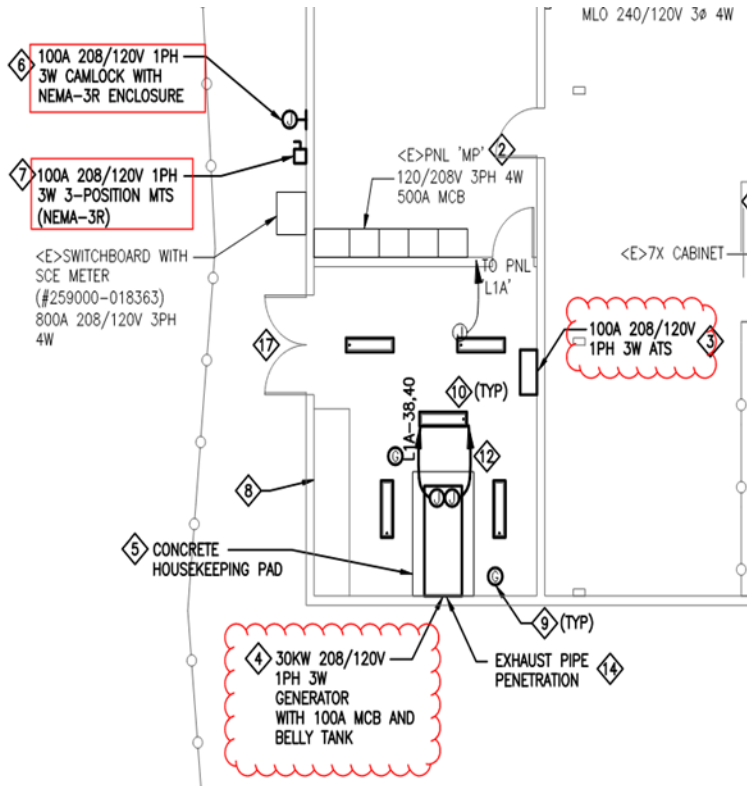
A16: Per E-1.1, generator shall be 1Ph feeding existing Panel 'A', which is 1ph.

Q17: Single Line Diagram (SLD) shows three phase feeder (conduit & wires) and feeder breaker 3-pole. However, description on SLD is single phase. Specification 1.1.1 specifies single phase.

A17: Contractor shall provide 1ph circuit breaker and feeder accordingly. It shall be single phase.

COORDINATE WITH COUNTY OF SAN BERNARDINO.

- 4 208/120V 1PH 3W DIESEL GENERATOR WITH INTEGRATED CIRCUIT BREAKER AND 300GAL DOUBLE WALL BASE TANK. EXHAUST DUCT SHALL BE INSTALLED PER MECHANICAL DRAWINGS. DUCT PENETRATION SHALL SEE STRUCTURAL PLAN.
5. CONCRETE HOUSEKEEPING PAD PER STRUCTURAL DRAWINGS. COORDINATE WITH



Q18: Confirm if existing panel A at Mtn Pass is single phase or three phase.

A18: Single phase per photo. IF contractor finds the panel 'A' is 3 phase after opening up the panel, please notify EEOR and County.



END OF ADDENDUM NO. 2

Jennifer Costa, Assistant Director
Project and Facilities Management Department

JC:eg;kc

San Bernardino County
Project and Facilities Management Department,
385 North Arrowhead Avenue, Third Floor
San Bernardino, CA 92415-0184
www.res.sbcounty.gov

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