



City of Kimball
223 S Chestnut
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www.kimballne.org

Generation Implementation Design-Build – Addendum #1

March 13, 2023

The following modifications to the Generation Implementation Design-Build RFP are incorporated in this Addendum #1:

1. Bid Date Extension
 - a. Bid date is extended from March 21, 2023 to March 30, 2023 at 2:00PM MST.
2. Switchgear Drawings
 - a. Revised Electrical Switchgear drawings are enclosed with this addendum.
 - b. The primary modifications to the drawings are related to metering of individual generators.
 - c. A metering communication drawing has been added (E210).

Drawing #	Title	Revision
E200	PROPOSED ONE-LINE	B
E210	COMMUNICATION ONE-LINE	B
E700	SWITCHGEAR LAYOUT	B
E701	MAIN BREAKER 422 PANEL	B
E702	GENERATOR PANELS	B
E703	AUX AND FEEDER PANELS	A (NO CHANGE)

3. Equipment Testing and Commissioning Requirements
 - a. Contractor to:
 1. Install the 15kV Switchgear in accordance to the design drawings and manufacturers' drawings and specifications.
 2. Complete all AC, DC and control wiring per the design drawings, including connections to the low voltage side of the Contractor-furnished Station Service Transformer.
 3. Install, terminate, and test the 15kV cables between the Generators and the Switchgear and connect to the designated circuit breakers.
 4. Install, test and commission the Generators.
 5. Contractor will be responsible for making corrections to any installation, wiring, connections or other items found to be deficient during testing.
 - b. City Utility Crew to:
 1. Install, terminate and test the 15kV cables connecting the Main breaker, Feeder breakers, and Station Service Transformer.
 - c. City's Independent Testing Contractor to:
 1. Perform functional and commissioning tests of the 15kV Switchgear.



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2. Load the settings into, functionally test and commission the meters and relays.
 - d. Upon completion of commissioning and functional tests of the 15kV Switchgear, the City Utility Crew will energize the 15kV Switchgear, Feeders and Station Service Transformer.
 - e. Following energization of the 15kV Switchgear, Contractor, City Utility Crew and Independent Testing Contractor will:
 1. Confirm operation of each generator, including phasing and synchronism.
 2. Independent Testing Contractor will confirm functional operation of the Generator protection relays in the 15kV Switchgear.
4. Questions from Bidders:
- a. Building-specific questions:
 1. Spec Section B. 2.01 Building Design. B. 4. a./b. In reference to the steel gauge for all roof and wall panels, can they all be all 26 – gauge or does it need to be 24 gauge where specified? **Provide 24 gauge where specified.**
 2. Spec Section B. 2.01 Building Design. B. 4. c. Interior Liner Panels. Is there any liner panel on interior ceiling or any higher up on the walls than 8' required? **Liner panels are not required above 8' but may be provided at the designer's option.**
 3. Spec Section B. 2.01 Building Design. B. 5. Roof panels: Does the roof have to be standing seam or can roof panels be the same ribbed profile of the wall panels? **Provide a standing seam profile.**
 4. Does the owner have any desire for the new building to match the existing maintenance shop located on the southwest corner of the property? **In general, the architectural features of the building should match or complement the existing building.**
 5. Does the owner have any specific building insulation requirements? **Comply with 2018 International Energy Conservation Code requirements as specified.**
 - b. General questions:
 1. How far is the Design Build team responsible for transporting the generators to get them to site? **Less than 10 minutes drive, just on the east side of town.**
 2. Can you provide shop drawings for the existing underground 10,000 gallon fuel tanks? **Please see attached tank information.**
 1. **Enviro Service #89092 Map 02.15.199.pdf**
 2. **Kimball Power Plant Sketch and description 6.20.14.pdf**
 3. **PEMC Co., LLC Map 12-23.2019.pdf**



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3. Can you provide the number of ports, port sizes and number of manways and size of manways for the existing underground fuel tanks? **Please see attached tank information.**
4. Can you provide any photos for the existing underground fuel tanks? **There are no photos.**
5. Do the existing underground fuel tanks have a fuel filtration system? **There are no known filters outside by the tanks.**
6. Does the city insurance company require a minimum distance that the new power house building must be from the existing shop that is located on the SW corner of the property or the existing substation? **There is no minimum distance; the goal is to have the power house as far to the east as possible.**
7. Is there an existing SCADA system that the new switchgear must communicate with? **No. Metering communication is to be added (refer to Drawing E210).**
8. Is remote start and remote monitoring required for the system? **Furnish the capability to add remote start and remote monitoring in the future.**
9. Will the Design Build team be responsible for providing new coolant for the generators? **Yes. The Generators are believed to be shipped with coolant. The Owner requires that the Contractor flush the coolant systems and provide new coolant.**
10. Will the Design Build team be responsible for providing new oil for the generators? **Yes. The Generators are believed to be shipped with oil. The Owner requires that the Contractor flush the oil systems be and provide new oil.**
11. Will the Design Build team be responsible for providing new fuel filters for the generators? **Yes. The Generator engines are believed to be shipped with fuel filters. The owner requires that the Contractor provide new fuel filters.**
12. Will the Design Build team be responsible for providing new starting batteries for the generators, how many will be required? **The generator will not ship with starting batteries. The Contractor shall furnish four (4) 8D batteries per generator.**
13. Will the Design Build team be responsible for providing battery chargers for the generators? **No. Chargers are shipping with the generators.**
14. What size (amperage) and voltage alternator space heaters are being provided on the generators? **This information has been requested but not yet received.**



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15. Does the owner require the new building to have heating and ventilation included for both the switchgear and generator rooms? **Yes.**
16. Has the City of Kimball only stored Number 2 Diesel in the existing 10,000 gallon fuel tanks? **Both Number 1 and Number 2 Diesel have been stored in the tanks.**
17. When was the last time the City of Kimball cleaned the existing underground fuel storage tanks? **There is no record of cleaning the existing underground fuel storage tanks.**
18. What are the weights of the generators? **Approximately 40,000 pounds each.**
19. What side of the generator are the 12.47kV electrical connection located? **Right side facing the unit.**
20. Does the owner require the new building to include a vertical discharge plenum for the radiators? **There is no specific requirement.**
21. Please provide the serial numbers of the generators. **GZS00454, GZS00453, GZS00466, the fourth generator will be assigned in the next phase of removal.**
22. How much CFM of air is required by the generator radiators? **This information has been requested but not yet received.**
23. Are the generators coming with vibration isolators? **Yes.**