

Purchasing Services Office
801 Leroy Place
Socorro, NM 87801
(575) 835-5881

Letter of Addendum

TO: All Offerors

FROM: Kimela Miller

DATE: June 30, 2021

RE: RFP Number: 2105016P – Amendment #2
Commodity: Power and Fiber Construction

Please check the NM Tech website often for updates on this RFP.

Replace: **July 6, 2021** at 2:00 PM (Local Time)

With: **July 21, 2021** at 2:00 PM (Local Time)

Continuation of Q&A from Amendment #1:

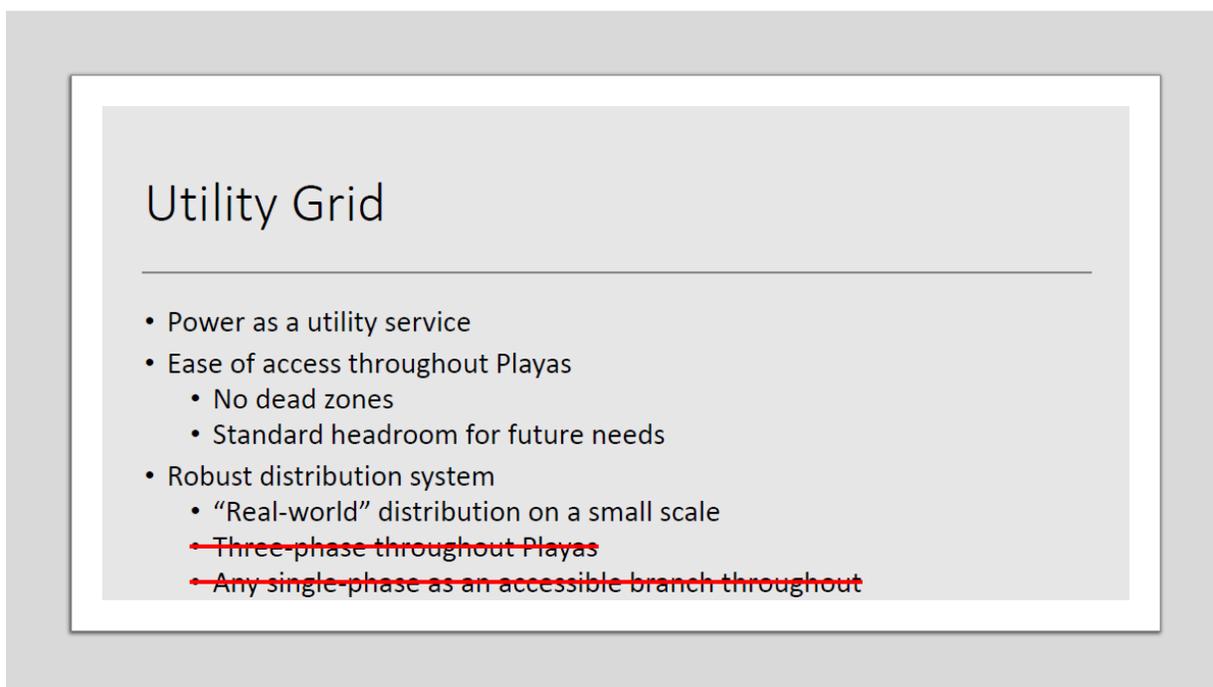
Q62) Do you want full 3 phase capability on both grids or just Grid 2?

A62) The three-phase section of the power grid (“grid one”) to be supplied by Columbus Electric Cooperative should serve the same area and locations as the original power distribution system shown in Figure 4 of the RFP.

The three-phase section of the experimental power grid (“grid two”) should be collocated with “grid one” from where overhead lines from Columbus Electric Cooperative transition to underground until a location near the town’s center where the phases separate to serve different parts of PRTC. The three-phases of “grid two” should also serve the old swim center which is the short section just north of where the overhead lines from Columbus Electric

Cooperative transition to underground. The general location of three-phase portion of experimental “grid two” can be seen in Figure 2 of the RFP. In addition to the ability to provide three-phase experimental power to the swimming pool, a standard interface to “grid two’s” three-phases is needed at the locations where overhead lines from Columbus Electric Cooperative transition to underground and at a location near the town’s center.

Slide 7 of the presentation on power has been updated to note that three-phase power is not needed everywhere.



Utility Grid

- Power as a utility service
- Ease of access throughout Playas
 - No dead zones
 - Standard headroom for future needs
- Robust distribution system
 - “Real-world” distribution on a small scale
 - ~~• Three-phase throughout Playas~~
 - ~~• Any single-phase as an accessible branch throughout~~

Q63) 15.2 Utility & Experimental Power Grid- Bullet point 5 – could you please clarify “An ability to isolate single phase lateral branches of the second experimental grid at convenient points of interconnect and as well as intermediate locations.”?

A63) The experimental power system may be used to construct “minigrids” in the future that are isolated from the rest of the experimental power system with their own local generation and loads. This isolation will occur in areas served by single-phase power and will require isolation of a line/branch and/or section of a line/branch. See the answer to related question Q19.

Q64) Do you want the street light circuits energized from both grids as well? If so, do you want smart switch/ SCADA capability on them or just photocells?

A64) The current state of the street lights is unknown, so points of connection should be provided from both grids to facilitate energizing the street lights in the future.

Q65) Do we install new Dual power sources to all of the Town Center structures as well?

A65) No. The Town Center within the loop formed by Plaza Ave. and Chaparral Ave. only needs to be served by “grid one” and Columbus Electric Cooperative.

Q66) Will the conduit crossing of “Smelter Road” to the Skeet Range need to be bored or can it be trenched?

A66) It can be trenched with a permit from the New Mexico Department of Transportation.

Q67) What size are the Electrical Services (amps) for all down town buildings/structures.

A67) See answer to question Q7. One of the buildings served by three-phase power is the swimming pool west of downtown where the overhead lines transition to underground. The other three buildings served by three-phases, the apartment complex, the four buildings noted as 75kVA and one building served by residential-type 200 A service are in the downtown area.

Q68) Where would the purposed new Data Center, referred to during Bid Walk, be located?

A68) See answer to question Q45 regarding flexibility of the design to accommodate the Data Center in different locations. The new Data Center is expected to be housed in the former bowling alley (referred to as Copper Pins) at the intersection of Plaza Ave., Chaparral Ave. and Ocotillo Ave.

Q69) Will surety Bonding be required? If so, could the project be broken down into phases for bonding purposes?

A69) Payment and performance bonds (see amendment 1) and yes, we can phase.

Q70) Will trench bedding be required?

A70) This will be determined by the conditions of the soil in the trench. If there is material in the soil that could potentially damage the cables being buried, then bedding will be required.

Q71) Will there be access to a Borrow Pit for fill dirt?

A71) Yes.

Q72) Will asphalt removed for road crossings be required to be removed from property?

A72) No. A dump site will be available on property of PRTC.

Q73) Due to the fact that we have the Fourth of July Holiday to contend with and also that the answers to some of these questions could majorly affect the pricing and flow of this Project we would like to request an extension on the Due Date for Bids if possible?

A73) The due date has been changed in this Amendment.

All Offerors are required to confirm the receipt of this amendment in their response. All other terms and conditions of the RFP remain unchanged.

Xc: File

PRICING PAGE

	PHASE 1	PHASE 2	PHASE 3	PHASE 4
Equipment				
Labor				
Miscellaneous				
Total				

Tax will be added at the Hidalgo County rate of 6.1875%

If you prefer to use your own form, you are welcome to do so.