

**Henry P. Roybal**  
*Commissioner, District 1*

**Anna Hansen**  
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*Commissioner, District 4*

**Hank Hughes**  
*Commissioner, District 5*

**Gregory S. Shaffer**  
*County Manager*

December 15, 2022

**SANTA FE COUNTY**  
**IFB 2023-0079-GM/APS**  
**GREATER GLORIETA REGIONAL WELL**

**ADDENDUM NO. 3**

Dear Proponents,

This addendum is issued to reflect the following immediately. It shall be the responsibility of interested Bidders to adhere to any changes or revisions to the IFB as identified in this Addendum No. 3. This documentation shall become permanent and made part of the departmental files.

**Clarification No. 1: Artesian Plan of Operations**

This project has an approved Artesian Plan of Operations from the New Mexico Office of the State Engineer (NM OSE) with standard conditions of approval. Based on discussions with NM OSE, the intent of this plan does not require an artesian completion with an intermediate casing and conventional cement job. An Artesian Plan of Operations is the only mechanism available to the NM OSE to stipulate the annular seal. The NM OSE requested this plan due to the fact that the potable source is deeper than the production zone in the existing well. Since, the existing well has elevated levels of chloride and combined radium isotopes, the NM OSE wants to ensure that the shallow portion of the aquifer has a blank casing through this shallow zone and an adequate annular seal to prevent migration of shallow groundwater to the new production interval.

The necessity for an artesian completion will only be required if the new well is completed in the Madera Limestone. The existing well is completed in the Sangre de Cristo Formation, and the replacement well is designed to be completed in the Sangre de Cristo Formation. At our location, the Sangre de Cristo Formation has a reported thickness of 2,000 feet, and the well location is near the top of the formation. The replacement well is expected to be entirely within the Sangre de Cristo Formation. The Madera Limestone is expected to be approximately 2,000 feet below ground surface and not encountered during the project. The NM OSE has required that they review lithology and geophysics to confirm that the borehole from Phase 1 is in the Sangre de Cristo Formation.

**Clarification No. 2: Proximity of Power Lines to Well**

Well UP-1288 is to be abandoned. This requires removal of the pump and cementing the well according to the abandonment plan. The power supply pole is approximately 21 feet away from the well. This well has been accessed in the past with a pulling unit to remove and re-install the submersible pump for a video survey. According to OSHA 1906.1408 for Cranes and Derricks in Construction, the minimum clearance distance from a power line with 200 kV or less is 15 feet.

### **Clarification No. 3: Water Discharge During Development and Testing**

Water produced during development and testing will be discharged to the north of the well site. The water will follow the existing conveyance that storm water follows from the road and is likely to flow onto the BNSF right of way. A culvert is in place below the railroad tracks to the swale along I-25 where it will infiltrate and evaporate.

In order to minimize the volume of water produced during testing, the duration of the constant rate aquifer test is reduced to 24 hours from 96 hours.

Please add this Addendum No. 3 to the original proposal documents and refer to proposal documents, hereto as such. This and all subsequent addenda will become part of any resulting contract documents and have effects as if original issued. All other unaffected sections will have their original interpretation and remain in full force and effect. Responders are reminded that any questions or need for clarification must be addressed to Amanda Patterson-Sanchez, Procurement Planner Analyst at [apatterson-sanchez@santafecountynm.gov](mailto:apatterson-sanchez@santafecountynm.gov).