

Henry P. Roybal
Commissioner, District 1

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Commissioner, District 2

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Commissioner, District 4

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Gregory S. Shaffer
County Manager

December 27, 2022

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

ADDENDUM NO. 4

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. 14. This documentation shall become permanent and made part of the departmental files.

Attachment A: Revised Bid Sheet

Construction Contract Documents:

1. Bid Form- Replace Bid Sheet Table in its entirety with the Attached.
2. Traffic control shall be in accordance with Santa Fe County standards. Contractor will submit traffic control plans for review and approval prior to construction.
3. Air release valves in the roadway shall be installed outside the roadway in accordance with Santa Fe County standard detail.

Question No. 1: Our understanding is that if the completed well design stays within the Sangre De Cristo formation the well does not need an Artesian plan of operations is this correct?

Answer No. 1: The current well design targets the Sangre de Cristo Formation for water production and a well completed in this formation will follow the provided design and Artesian Plan of Operation for a gravel envelope well.

Question No. 2: If the well design does encounter the Madera Limestone formation with the well design, the well will require an Artesian well design is this correct?

Answer No. 2: The current well design and local geologic information indicates that the project will not encounter Madera Limestone. If the Madera Limestone is encountered in Phase 1, how to proceed will be discussed with the New Mexico Office of the State Engineer and the selected Contactor.

Question No. 3: If the Artesian well design is needed will the project cover the extra cost in materials and labor in a change order later in the project?

Answer No. 3: There is no anticipation for the need of an Artesian Well design and any decisions regarding an Artesian Well design will occur based on the results of Phase 1. The County will review all change order requests with appropriate staff for approval based on needs, available funding and approval(s) by funding agencies before further project funding will be approved.

Question No. 4: Does the project have permission from BNSF to discharge water through the right of way?

Answer No. 4: The project team is in the process of coordinating with BNSF regarding the location and quantity of water that may enter the right of way. Water discharge to the ground will follow an existing stormwater drainage system.

Question No. 5: If there is additional cost for insurance can this be change ordered during the project?

Answer No. 5: There will be no change; all insurance requirements are listed in the bid document.

Question No. 6: Permitting process with BNSF is a lengthy process for construction access. The permit process requires 4 weeks for approval, 1 ½ weeks to execute the permit, 10 days prior in advance to schedule with an agent for access to the property for evaluation of drainage plan. Plans must be developed then sent to BNSF Engineering services and/or BNSF Environmental services for approval. This may extend the project to 10 weeks. Will the project be extended with a change order if this is required?

Answer No. 6: Project duration may be extended if warranted.

Question No. 7: If the discharge plans are rejected by BNSF is there a contingency to haul produced water at additional cost in a change order during the project? Does the project have the additional funding set aside for disposal cost other than discharge to ground?

Answer No. 7: For bidding purposes, water will be discharged to the ground as planned. Any changes will be negotiated with the selected Contractor.

Question No. 8: Can the placement of the well be increased from a radius of 50ft to 70ft from the existing well? The OSE allows 100ft for a replacement well.

Answer No. 8: According to NMAC 72-12-22, a replacement well may be drilled within 100ft of existing well. The final location will be coordinated with the County and selected Contractor.

Please add this Addendum No 4 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 Specialist Senior at apatterson-sanchez@santafecountynmm.gov.

REVISED BID SHEETS**IFB# 2023-0079-GM/APS
RE-BID GREATER GLORIETA REGIONAL WELL**

Bid Item No.	Description	Unit	Quantity	Unit Price	Bid Price
	(Complete in Place)				
Base Bid Items					
Well Drilling, Construction and Testing					
1	Phase 1 Mobilization/demobilization	LS	1	\$	\$
2	SWPPP preparation and implementation	LS	1	\$	\$
3	Site Preparation, restoration and cleanup	LS	1	\$	\$
4	Temporary surface casing (20 ft min. depth), install and remove	LF	20	\$	\$
5	Drill 7-7/8" borehole diameter (minimum)	LF	1200	\$	\$
6	Geophysical logging	LS	1	\$	\$
7	Install test well (perforated section on drill stem with pea gravel and bentonite seal)	LS	1	\$	\$
8	Develop test well by airlifting	HR	16	\$	\$
9	Water quality sampling by bailer and analyses (fast turn-around time)	LS	2	\$	\$
10	Plug and abandon exploratory boring	FT	0	\$	\$
11	Phase 2 Drilling Mobilization/demobilization	LS	2	\$	\$
12	Set up mud pits, remove mud, thin-spread cuttings	LS	1	\$	\$
13	Ream borehole to 24" (minimum) from ground surface to 50' bgs	FT	50	\$	\$
14	Install 20" surface casing, cement in place	FT	53	\$	\$
15	Drill 17-3/4" borehole (minimum)	FT	1150	\$	\$
16	Run caliper log and alignment survey	LS	1	\$	\$
17	Install 10" diameter HSLA steel blank casing, wall thickness 0.3125", with centralizers every 120 feet	LF	1040	\$	\$
18	Install 10" diameter HSLA steel louvered screen (0.045" apertures) with centralizers every 80 feet	LF	160	\$	\$
19	Silica sand filter pack, 8-12 gradation	LF	200	\$	\$

20	Silica sand filter pack, 20-40 gradation, in place	LF	20	\$	\$
21	Bentonite Seal, in place	LF	20	\$	\$
22	Cement-bentonite grout, in place	LF	960	\$	\$
23	Temporary discharge conveyance	LS	1	\$	\$
24	Well development by flushing and swabbing	HR	16	\$	\$
25	Well development by airlift pumping	HR	80	\$	\$
26	Mud dispersant addition and well disinfection	LS	1	\$	\$
27	Furnish, install, and remove test pumping equipment (40-100 gpm at 1,000 ft)	LS	1	\$	\$
28	Development pumping	HR	24	\$	\$
29	Step rate pumping test	HR	18	\$	\$
30	Constant rate pumping test	HR	24	\$	\$
31	Video and alignment surveys	LS	1	\$	\$
32	Pitless adaptor (Baker style for 10 inch)	LS	1	\$	\$
33	Concrete pad (4 ft x 4 ft x 4 inches)	LS	1	\$	\$
34	Submersible pump (expected Grundfos 150S150), installed with drop pipe, cable, knock out valve, PVC sounding tube, electrical and controls	LS	1	\$	\$
35	Rig Rate	HR	0	\$	\$
36	Abandon Existing Wells: UP-1288 and 1643	LF	1305	\$	\$
	Total Base Bid			\$	\$
	Total Base Bid Plus NMGRT			\$	\$
Distribution System Construction					
37	Construction Mobilization	LS	1	\$	\$
38	Construction Traffic Control and Barricading	LS	1	\$	\$
39	Site Clearing and Grubbing, Incl. Tree removal	LS	1	\$	\$
40	8" Waterline , incl. trench & compacted backfill , including fittings & joint restraint	LF	160	\$	\$
41	6" Waterline , incl. trench & compacted backfill, including fittings & joint restraint	LF	3628	\$	\$
42	2" Waterline , incl. trench & compacted backfill, including valves and fittings & joint restraint	LF	320	\$	\$

43	3/4" Water service relocation, relocate existing meter and connect to new water main per Santa Fe County standard specifications	EA	22	\$	\$
44	Fire Hydrant assembly, CIP including valve, valve box, concrete surface completion, drain, bollards, fittings, blocking, testing	EA	8	\$	\$
45	Combination Single Vault (dual purpose), Vault incl. Isolation Valve and Drain with ARV, incl. excavation, backfill, reinforced concrete, all piping, and appurtenances	EA	3	\$	\$
46	Asphalt Pavement patching including subgrade and aggregate base course per plans and specifications	SY	1200	\$	\$
47	6" Gate Valve. CIP	EA	13	\$	\$
48	Construction Demobilization	LS	1	\$	\$
	Additive Alternate -Total Distribution System			\$	\$
	Additive Alternate -Total Distribution System Plus NMGRT			\$	\$
Allowances					
AL-1.0	Materials Testing Allowance	LS	1	\$10,000.00	\$10,000.00
AL-2.0	Utility Relocation	LS	1	\$50,000.00	\$50,000.00
AL-3.0	Electrical Allowance	LS	1	\$30,000.00	\$30,000.00
	Total Base Bid plus Allowances			\$	\$
	Total Base Bid plus Allowances and NMGRT			\$	\$
	Total Bid (Base Bid plus Add Alt plus Allowances)			\$	\$
	Total Bid (Base Bid plus Add Alt plus Allowances) and NMGRT			\$	\$

ALL BID ITEMS MUST BE EXCLUSIVE OF NMGRT