

**ADDENDUM NO. 2
INVITATION FOR BID
HOSPITAL DRIVE LIFT STATION PROJECT**

Date: June 27, 2019

Contracting Agency: Raton Water Works
224 Savage Avenue
Raton, New Mexico 87740
(575) 445-3861

Issued By: Karen Stearns, P.E. *KMS*

Attachments: None

Solicitors are instructed to incorporate the following information into their bid for the above-referenced Invitation for Bid. Questions from potential bidders and Engineer answers are denoted with "Q" and "A," respectively.

Item No.	Bid Document	Page	Section	Revision
1	Notice of Invitation for Bid; Bid Form	N/A	N/A	The public Bid Opening is postponed to Friday, July 12, 2019 at 2:00 PM. Questions posted to the Engineer after July 5, 2019 will not be answered.
2	Description of Bid Items	TS-4	Item 6: Emergency Generator	Replace the first sentence with: The Contractor shall provide, install and test an emergency generator. The Contractor shall include in their bid their sizing computation and spec sheet for their recommended generator based on the following parameters: <ul style="list-style-type: none"> • Natural Gas Standby Generator • 277/480V, Three Phase, 60Hz • 6600 ft elevation • Step 1: 4.48kVA (18.7A) of lighting, battery charger, Battery jacket water heater, lighting load at 120/240 V • Step 2: Add one 10 HP pump (15 A), BJM SK75C • Step 3: Add one 10 HP pump (15 A), BJM SK75C • Service in Raton NM
3	Technical Specifications	TS-9	2 ND Paragraph	Construction water is available from RWW at no cost to Contractor by either City Yard or a metered hydrant.

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4	Drawings	C-1.0, C-2.0	Plan View Station 2+00	The bore pit shall be located to avoid the existing driveway. The location of the existing driveway is approximate.
5	Drawings	C-1.0, C-2.0	Plan View Station 0+00 to Station 2+00	The sewer line from Station 0+00 to 2+00 can be open trench (i.e., this is up to the Contractor).
6	Drawings	C-1.0, C-2.0	Plan View Station 2+00 to Station 20+00	The sewer line from Station 2+00 to 20+00 (i.e., within NMDOT rights-of-way) shall utilize HDD and be located 5' max from R/W line per NMDOT Utility Permits.
7	Drawings	C-1.0, C-2.0, C-2.1	Plan View	Circles along the force main are not MH or cleanouts – they simply show change in direction along the sewer line.
8	Drawings	C-1.0, C-2.0	Plan View	The Contractor can slightly modify the location of the valve vault and wet well, with approval by the Owner and Engineer.
9	Drawings	C-1.1	Civil Detail Plan View	Delete "MTU-ONSITE ENERGY MODEL MTU8V0071GS60" in reference to the "BACKUP GENERATOR: NATURAL GAS POWERED WITH LOCKING CABINET."
10	Drawings	E-2.0	Electrical One-Line Diagram	Delete "MTU-ONSITE," in reference to the "NATURAL GAS GENERATOR PER SHT C-1.1"
11	Drawings	E-2.0	Electrical One-Line Diagram	The ATS should be sized per the gen set manufacturer's recommendations, but no less than 200 A. The service entrance and fused disconnect shall be at least 200 Amp or match the ATS size recommended by the gen set manufacturer, whichever is greater. Panel P-1 is still a 100 A panel.
12	Drawings	E-2.0	Electrical One-Line Diagram	Q: Mini Power Panel shows 120/240 single phase but breaker is feed is 3-Phase. A: The Mini Power Center is a combination of a lighting transformer and a 120/240 VAC lighting panel. It is fed with a three phase 480 VAC supply which powers the lighting panel, all done internally.
13	Drawings	E-2.0	Electrical One-Line Diagram	Q: Panel MPC shows 20-Amp circuit for exterior lighting? Where are lights located? A: The Contractor shall furnish and install an exterior, UL-listed, vandal-proof, wall-pack LED light (approx. 7,000 lumens) and lockable wall switch to be located on the side of the building exterior to illuminate the electrical panels and generator equipment. Payment for this work shall be included in the Base Bid Item 5.

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14	Drawings	E-3.0	Panel P-1	Circuits 1, 3, and 5 for the Pump Control Panel are 8,868 VA per phase. This results in a phase total of 13,668 VA per phase, 16 Amps per phase, and Total Load of 42 kVA.
15	Applications for Utility Permit	pp. 2-3	#15	The Contractor is responsible for providing as-builts to the NMDOT per the Utility Permits.
16				<p>Q: After review of the permits provided in Addenda #1, the line directly above the signature lines, indicates that the work will be in compliance with Buy America. I did not see a Buy America requirement in the Bid Docs. Please clarify, is domestic material required?</p> <p>A: Compliance with Buy America is not a requirement on this project, because this project is not funded by the State of New Mexico or Federal Highway Administration.</p>
17				<p>Q: Please provide a specification/manufacture or standard of design for the required plug valves on the job.</p> <p>A: Provide non-lubricated, eccentric type plug valves having resilient faced plugs, complying with AWWA Standard C504 and other requirements specified herein. Valves 4" and larger to be designed to allow repacking without removing the bonnet and the packing shall be adjustable. Packing to be replaceable with the valve under pressure with valve open or closed with pressure on either side of the plug. Provide valves capable of drip-tight shutoff up to full rating 175 psi for 4" through 12". All exposed nuts, bolts, springs, etc. shall be stainless steel on all valves.</p>
18	Drawings	P-1.1	Valve Schedule Table	<p>Q: On plan sheet P-1.1 there is a valve schedule table. The valves are followed by a notation "304SS". Is this to mean that the valves themselves are stainless steel? Or is this in reference to their joining material (bolts and nuts)?</p> <p>A: Valves and associated connecting hardware with the notation "304SS" shall be stainless steel.</p>

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19	Drawings	G-2.0	Note #12	<p>Q: Does the existing system have to remain in operation during construction?</p> <p>A: Per Note 12 on G-2.0, the existing lift station, gravity lines and force main are to remain intact and operational during construction.</p>