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Commissioner, District 5

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County Manager

July 17, 2013

SANTA FE COUNTY
GREATER GLORIETA MDWCA WATER REGIONAL WATER QUALITY
AND INFRASTRUCTURE PHASE I
IFB #2013-0246-PW/MS

ADDENDUM #1

Dear Bidders,

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. 1. This documentation shall become permanent and made part of the departmental files. This Addendum shall be incorporated into the Contract Documents for the above referenced project.

ATTACHMENTS:

1. Pre-Bid Conference sign in sheet
2. Environmental Assessment Requirements
3. Revised Bid Form

GENERAL ITEMS:

1. A pre-bid conference was held on July 10, 2013 at 2:00 pm. Attendance for the pre-bid conference is mandatory to submit a bid. Items discussed at the pre-bid conference as well as questions and responses from the pre-bid conference are noted below:

Pre-Bid Conference Discussion Items:

1. Contractor shall be responsible for all material testing. The Contractor shall hire, coordinate, and pay Certified Testing Laboratory for all required materials/asphalt testing, which will be paid out of the testing allowance. Contractor shall provide all test reports Owner/Engineer. An Owner’s Inspector will be on-site through the duration of the construction and may conduct materials testing on behalf of the owner.

2. The Contractor shall be responsible for traffic control during construction and will need to submit a traffic control plan to the Engineer and Santa Fe County for review and approval prior to starting construction activities. The Contractor shall be required to keep Avenida Ponderosa open to all resident traffic and public safety personnel and ensure that residents have access to their property throughout construction.
3. Project funding consists of combination of state funding from the Water Trust Board and federal funding in the form of Community Development Block Grant. The Contractor shall be responsible for complying with all applicable wage rate requirements noted in the Contract Documents.
4. The project schedule is ninety (90) calendar days.
5. The Contractor shall obtain and pay for all required permits to perform the work in accordance with all applicable regulatory requirements and as noted in the Contract Documents.
6. The proposed waterline alignment in Avenida Ponderosa is within BNSF rights-of-way and a BNSF license agreement has been obtained by Greater Glorieta and Santa Fe County for the completion of the waterline project. The Contractor shall be responsible for knowledge and compliance with all BNSF requirements and any associated costs during construction activities. The specified piping material of ductile iron pipe is a requirement from BNSF.
7. A Geotechnical investigation was completed for the project and is available under separate cover at Academy Reprographics. The Contractor shall be responsible for all costs associated with reproduction for the Geotechnical Report.

Pre-Bid Conference Questions:

1. Where can the Contractor obtain water for the project?

Response: Construction water can be obtained from Glorieta Estates fire hydrant near the Glorieta Estates Supply Well off Avenida Ponderosa at no cost to the contractor. Contractor shall coordinate with Greater Glorieta water master and water operator prior to the start of using construction water to ensure that water supply to the residents is not adversely impacted. Contractor shall install a double backflow preventer suitable for potable water to prevent any cross-contamination to the potable water system. Contractor shall also install a water meter to measure the amount of construction water used on a daily basis and provide weekly records to the engineer and Greater Glorieta. The Contractor shall provide and install the backflow preventer, water meter, and associated hose/piping required to use the water.

2. Are native soils suitable for trench backfill on the project?

Response: All excavation is considered unclassified as noted in Contract Specifications and contractor will be responsible for obtaining suitable materials for the completion project including any required import of pipe bedding or backfill material. The Contractor shall reference the Geotechnical Investigation Report completed for the project regarding suitability of native soils for trench backfill and other required earthwork activities.

3. When will the work start?

Response: Santa Fe County anticipates that the contract will be reviewed by the Board of County Commissioners at the August 27, 2013 meeting. Work should begin shortly after the approval of the contract.

4. Will a SWPPP be required for this project?

Response: The Contractor shall be responsible for all stormwater control during construction in accordance with the contract documents and all applicable regulatory requirements including SWPPP and NOI requirements.

5. Are there any environmental clearances required?

Response: An Environmental Assessment (EA) and associated Finding of No Significant Impact (FONSI) was completed and submitted to the New Mexico Department of Finance and Administration Local Government Division and final approval is pending. Final approval of the environmental documentation will be required prior to initiation of construction activities and the Contractor will be responsible for compliance with all applicable environmental requirements. A Summary of the Environmental Requirements from the EA is included as an Attachment to this Addendum. The proposed pipeline is routed through previously disturbed areas within Avenida Ponderosa with the exception of one area as shown on the plan and profile drawings to avoid United States Forest Service lands and any associated environment requirements.

6. Is there a requirement for an NMDOT permit?

Response: There does not appear to be a need for a NMDOT permit but the Contractor is required to obtain and pay for all required permits.

7. Is there any groundwater issues the Contractor should be aware of?

Response: Groundwater was not encountered during the geotechnical investigation but the Contractor shall reference the Geotechnical Report for additional information and confirmation regarding groundwater conditions. The Contractor shall be responsible to verify all subsurface conditions prior to construction.

8. Are there any work hour restrictions?

Response: Work hours are standard work hours as noted in the Contract Specifications, Section 01010, Part 1.4.A. Contractor may be able to alter work schedule hours to expedite completion of the project but shall be required to obtain prior approval from Greater Glorieta and Santa Fe County prior to any changes in the required work hours.

9. Will the BSNF consider using PVC piping?

Response: Ductile iron pipe is required by BNSF as a condition of the BNSF license agreement. PVC piping that meets the requirements of the Contract Specifications and Santa Fe County

requirements is acceptable to the Engineer; however, the Contractor shall be responsible for requesting and obtaining approval from BNSF for any piping material substitutions.

10. Is corrosion protection required for the ductile iron piping?

Response: All buried ductile iron piping shall be wrapped with polyethylene sheet encasement in accordance with the AWWA C105 and Contract Specifications. Exposed ductile iron piping shall be coated in accordance with Specification Section 09905-Painting and Protective Coatings.

11. Does the BSNF require the contractors to be certified to work near the railroad?

Response: Contractors will be required to comply with all BNSF requirements if working within BNSF's specified buffer distance from the railroad. Contractor shall be responsible for compliance with all BNSF requirements. See Pre-Bid Meeting discussion Item 6 above.

12. Will the piping need to go under the new culverts?

Response: Based on pre-bid site visit, additional culverts other than what is shown on the Contract drawing plan and profiles have been installed in Avenida Ponderosa that appear to be at a shallow depth. The Contractor shall be responsible for verification of all subsurface obstruction prior to construction activities and shall adjust the pipe profile as needed to avoid any subsurface utilities or obstructions and avoid the creation of high points. Contractor shall maintain a minimum cover depth of 4 feet over the water pipe as noted in the Contract drawings. Contractor shall also maintain a minimum clearance of 1 foot from bottom of culvert to tope of water pipe.

13. Will there be any tree removal required in area that is outside Avenida Ponderosa near US Forest Service lands?

Response: There may be some tree removal required in this area. The Contractor is responsible for removal of any obstructions required for the installation of the water pipeline and this shall be incidental to the cost of installing the water pipeline and shall make every attempt to avoid trees wherever possible to minimize tree removal as part of the construction activities. The Contractor is responsible for seeding and revegetation of disturbed areas to restore to original conditions.

WRITTEN QUESTIONS RECEIVED AFTER PRE-BID MEETING:

1. Under Bid Item # 9, does one person know the location of the meter cans?

Response: The Contractor shall be responsible for visiting the site and locating all required service connections as indicated in the Contract Documents and the Contractor shall be required to coordinate with the property owner, water master, and water operator to locate and replace existing meters or install new meters where required and this shall be considered incidental to the cost of the water service and water meter installation.

2. Under Bid Item # 9, do all the 101 Svcs have a meter on them now?

Response: The location of known existing meters are shown on the Contract Drawings but not all 101 water services have existing water meters. The Contractor shall be responsible for visiting the site and locating all required service connections and shall coordinate with the property owner, water master, and water operator to locate and replace existing meters or install new meters where required and this shall be considered incidental to the cost of water service and water meter installation.

3. Under Bid Item # 9, if there is an existing Service without a meter is there a way to find the service line?

Response: The Contractor shall be responsible for locating all existing service lines with and without meters and this shall be considered incidental to the cost of water service and water meter installation. The existing property Owner, water master, and water operator may be able to assist with location of existing service lines if a water meter is not currently installed. See responses to Items 1 and 2 above.

4. Under Bid Item # 9, does the Contractor have to make contact with all 101 residents to complete this item?

Response: See response to Items 1-3 above regarding the service connections.

5. Under Bid Item # 9, how many of the 101 Svcs are new and need to go back to the Main and saddle on?

Response: See responses to Items 1-3 above regarding service connections.

6. Will the Fire Hydrants have Santa Fe Threads?

Response: Fire hydrants shall comply with all Santa Fe County Utility and Fire Department requirements. See Specification Section 15510 for additional fire hydrant requirements.

7. What diameter are the pipe bollards at the FH (the dwg scales to 8" which seems too big)?

Response: The pipe bollards shall be 6-inch diameter. See "Plans" Section below for additional information.

8. Sheet G-06, Detail #2; Air Vacuum Valve: What size is the Air/Vac Valve? How is it attached to the main?

Response: The air/vac valve shall be 1" valve with 5/64" orifice. See "Plans" Section below for additional information.

9. Bid Item #5: Bid Item #5 shows 3 ea. Air Vac Vaults, The Drawings show 4, sta 23+36, sta 35+47, sta 47+11, and sta 50+21. Please confirm.

Response: Contractor shall provide 4 each as indicated in the revised bid form attached.

10. Bid Item #7: Bid Item #7 shows 6 ea. 8” Gate Valves, The Drawings show 3, sta 12+45, sta 27+66, sta 42+95. Please confirm.

Response: The Contractor shall provide 5 each 8” gate valves as indicated in the revised bid form attached.

11. Spec section 15062, 2.2, B, 1 requires AWWA C110 fittings, would AWWA C153 fittings be considered?

Response: Fittings that comply with either AWWA C110 or C153 are acceptable.

12. The required work on Sheets C-06, 07, 08 is unclear. Is the waterline existing? Please Clarify.

Response: Waterlines shown on Sheets C-06 through C-08 are existing waterlines shown for reference purposes associated with the meter installation and altitude valve installation.

13. Bid Item #9 shows 101 ea. Waterline, Meter Box. . . , But Water service schedules on sheets C-06, 07, 08 only include 77 ea. Addresses. Please clarify.

Response: See responses to Questions 1-5 above under Section “Written Questions Received after Pre-Bid Conference”

14. Spec 15114, 2.4, C; requires that we provide 3 keys for Curb Stops. Per Sheet G-07, Detail #B “Service Connection Detail” there are no Curb Stops. Please Clarify.

Response: Provide keys for curb stops as indicated in specifications. Item M in Detail B, Sheet G-07 is standard curb stop for Santa Fe County.

PLANS:

1. Sheets G-06 & G-07: All concrete shall be 4,000psi compressive strength mix.
2. Sheet G-06: Typical Trench Detail 3: Metallic Marker Tape shall be located 12” above pipe. Tracer Wire shall be located 3” maximum above pipe.
3. Sheet G-06: Air Vacuum Valve and Support Detail 2: Combination Air/Vac Valve shall be 1” in size with 5/64” orifice. Air/Vac Valve shall be connected to main with 1” brass gate valve, 1” galvanized Schedule 40 threaded piping and 1” tapping saddle.
 - 3.1. Revise Note 1 to read “Ensure installation of air valve at true high point of pipe for proper air release”
 - 3.2. Revise Note 2 to read “Install supports and casing such that pipe provides no support for air valve”
 - 3.3. Air Vacuum Valve Manhole lid shall be ¼” below grade in pavement or 4” above grade in unimproved areas.
 - 3.4. Air Vacuum Valve Manhole lid shall be standard eccentric flat concrete traffic rated lid with standard cast iron frame & cover labeled “Water”. Adjust to grade with standard

concrete rings. Manhole frame and cover shall include concrete collar per detail 5, Sheet G-06.

4. Sheet G-07 Fire Hydrant Detail A: Fire Hydrant Flange shall be located 1” max above pavement or sidewalk and 4” max above grade in unimproved areas. 3’-0” clearance around FH shall be graded to drain.
 - 4.1. Fire Hydrant Valve and Valve Box shall be per Detail 1, Sheet G-06.
5. Sheet G-07 Bollard Detail E: Bollard diameter shall be nominal 6” Steel Pipe; coating per Specifications.
 - 5.1. Delete Note 1: Concrete around Bollard does not require reinforcing.
6. Sheet C-10: Construction Traffic General Notes:
 - 6.1. Notes 1 and 2: Change contact phone number to 505-992-3010.
 - 6.2. Note 22: Change to read as follows: “ Any field adjustments shall be approved by Santa Fe County Traffic Engineering”

Please add this Addendum #1 to the original solicitation documents and refer to solicitation 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. Bidders are reminded that any questions or need for clarification must be addressed to Maria B. Sanchez, Senior Procurement Specialist at mbsanchez@santafecountynm.gov

ACKNOWLEDGEMENT OF ADDENDUM #01 IS REQUIRED BELOW. SAID ACKNOWLEDGEMENT MUST BE RETURNED AS PART OF THE BID SUBMITTAL TO THE SANTA FE COUNTY.

SIGNATURE	PRINTED NAME	TITLE	COMPANY
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Pre-Bid Conference
Greater Glorieta MDWCA Water Connection Project
IFB #2013-0246-PW/MS
July 10, 2013 - 2:00 PM (MST)

NAME	TELEPHONE	ORGANIZATION	EMAIL
JAI ME CRUZ	505-400-3611	New IMAGE CO	JAI ME@NEWIMAGECO.NET
Raymundo Pinon	505-850-7792	Desert-utility	ray@desert-utility.com
Raymundo Pinon	505-850-7792	Centuryclub anst.	ray@desert-utility.com
Jake Mitchell	505-362-0927	JLC	smitchell@jlcplumbing.com
JOHN GARCIA	575-381-5577	GARCIA UNDERGROUND	argarcia@nronts.net
Nolan Phillips	505-872-2841	MERIDIAN	N.Phillips@meridiancon.net
Carlos Serna	505 490 2756	Done Right	carlos@done-right-construction.net
JAMES KOLEDIN	505 473 1000	Sub Surface	James@subsurfaceconstructing.com

[X] A. UNIT PRICE BID

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
1	1	Construction Mobilization/Demobilization, Complete and in Place (CIP)	LS	\$ _____	\$ _____
2	1	Construction Traffic Control & Barricading, CIP	LS	\$ _____	\$ _____
3	4,400	8" Waterline Pipe (std. Spc. Sec. 801), incl. trench & compacted backfill to 6' depth, including fittings & joint restraint, CIP	LF	\$ _____	\$ _____
4	3	Fire Hydrant, 4' bury, MJ, including blocking & aggregate, isolation valves, box, collar, etc, CIP	EA	\$ _____	\$ _____
5	4	Combination Single Vault (dual purpose), Vault includes CAV, including excavation, backfill, reinforced concrete, all piping, and appurtenances, CIP	EA	\$ _____	\$ _____
6	1	3" Altitude valve, and valve box inc. concrete pad, cover and lid, CIP	EA	\$ _____	\$ _____
7	5	8" Gate valves and valve box inc. concrete pad, cover and lid, CIP	EA	\$ _____	\$ _____
8	2	Non-Pressurized Connection, Existing Waterline, All Sizes, Incl. Fittings, CIP	EA	\$ _____	\$ _____
9	101	3/4"-1" Water service Line, Meter Box, and Meter, inc. new 10-lf single connection to existing water main, CIP	EA	\$ _____	\$ _____
10	1	Furnish and Install Automated Water Meter Software and Hardware	LS	\$ _____	\$ _____
11	4,400	Existing Pavement, Asphalt Concrete, Any Thickness, Sawcut, Remove and Dispose, CIP	SY	\$ _____	\$ _____
12	4,400	Subgrade Prep. 12" at 95% compaction, CIP	SY	\$ _____	\$ _____
13	4,400	Aggregate Base Course, crushed, 6" at 95% compaction, SD 2408, CIP	SY	\$ _____	\$ _____

ATTACHMENT 2 – Environmental Commitments from Environmental Assessment

1. Trenchless technology will be used in the vicinity of an ephemeral drainage to avoid the existing drainage infrastructure crossing under and adjacent to the roadway and thereby avoiding any discharge of dredge or fill into the ephemeral drainage.
2. Contractors will obtain all required air quality permits and dust control measures will be employed to avoid fugitive dust and reduce temporary air quality effects from construction.
3. Construction will be conducted during daylight hours to reduce impact to residences.
4. The fire department will work closely with construction crews to monitor road access to Glorieta Estates for emergency vehicles.
5. Only the normally anticipated hazards of a construction site involving trenching and waterline replacement are anticipated in the ROW. Construction contractor will be responsible for mitigating these hazards during waterline installation.
6. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared by the construction contractor and a National Pollution Discharge Elimination System (NPDES) permit will be obtained if greater than one (1) acre or more of land is disturbed.
7. BMPs will be installed and maintained both during and after construction to prevent, to the extent practicable, the discharge of pollutants and sediments to waters of the United States in conformance with the *National Pollutant Discharge Elimination System Manual, Stormwater Management Guidelines for Construction and Industrial Activities, Revision 1, December 2003*, and applicable updates. BMPs will include procedures to maintain a clean, orderly site. BMP requirements will also include proper transport, storage, and handling of materials; spill prevention, including equipment leaks; and spill response procedures as well as inspections, preventative maintenance, documentation, and employee training. The contractor and subcontractors will be responsible for selecting and implementing BMPs.
8. If soil encountered during the waterline improvements is found to be contaminated or suspected to be contaminated with hazardous or regulated materials, the discovery procedures outlined in the *NMDOT 2010 Hazardous Material Assessment Handbook* shall be followed.
9. Cleaning heavy equipment prior to the onset of construction and daily equipment inspections, as deemed necessary by the contractor.
10. Avoiding discharging chemical substances arising from construction or project activities into surface waters or soils. In the event of any spills, Santa Fe County and NMED shall be contacted as required by regulation.
11. If archaeological artifacts (i.e., pottery, sherds, bone, flaked stone, purple glass, historic china etc.) are discovered during ground disturbing activities, all work shall stop in the immediate vicinity, and the SHPO shall be contacted so that an evaluation of the significance of the findings can be made. Data recovery efforts to mitigate cultural resource effects would occur, requiring further consultation with the SHPO. No construction activities would be allowed within these data recovery areas until notified by the SHPO.
12. Installation of the waterline, and all associated earthmoving and staging activities, will be confined to areas of previous disturbance or within 5 m (16.4 ft) of previous disturbance.
13. NMDGF trenching guidelines will be utilized.
14. All pavement removed will be restored to its original condition.