




NAVAJO TRIBAL UTILITY AUTHORITY  
AN ENTERPRISE OF THE NAVAJO NATION

March 12, 2019

TO: All Interested Bidders

FROM:   
Avis Jimm, Contract Administrator

**SUBJECT: ADDENDUM #1 NOTICE**

Let this memorandum serve as a notice of additional information regarding the “**Contract No. 2 Water Treatment Plant, Pipelines, and Well Houses (RE-SOLICITATION)**”.

As originally stated, below are questions collected from Firms interested in this Invitation for Bid (IFB) with NTUA responses as follows:

1. Buy American – **Buy American is not required.**
2. Bid – **Bids should be good for 60 days.**
3. Tapping Permit – **One tapping permit will cover all connections.**
4. Native Backfill for water line trenches - Trench backfill (material placed above the bedding and initial backfill of all water lines) may consist of on-site soils that meet the specifications in Section 02200 – Earthwork of the Technical Specifications. **See Paragraphs 2.01 Fill Materials, 3.02 Classification of Fill, and 3.04 Earthwork for Pipelines and Conduits.**
5. Construction Water - Construction water will be available at the Lower Greasewood Well 3 near the proposed Water Treatment Plant site. Construction water can be made available at flush valve locations. Standard commercial water use rates apply along with a security deposit (\$100) and establishment fee (\$10.60).
6. Greasewood Tank Refurbishment – Cathodic protection system with sacrificial anode is required. **See Note 8 on Sheet 50 Greasewood Tank As-Built Tank Drawing - Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House.**
7. Change to Specification 16000 - Wire and Conductor material – **See Table A.**
8. Change to Specification 02200 – Table A Reference to IHS Standard Detail W-27, **See Table A.**





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9. Change Key Notes 1 and 2 Sheet M-120 (Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House) – **See Table A.**
10. Change to Key Note 11 Sheet E-602 (Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House) – **See Table A.**
11. Change to Key Note 4 Sheet E-600 (Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House) – See Table A; Clarification regarding Fiber Terminations – **See Table A.**
12. Clarification regarding Luminaire Schedule for Water Treatment Plant, Well No, and Well 1 Well houses – **See Table A.**
13. Clarification Grounding Conductor for fiber raceways – **See Table A.**
14. Existing Tree – Avoid existing tree. Note 4 Sheet C-103 (Lower Greasewood Drawings for Cornfields Parallel and Interconnection Pipelines) – **See Table A.**
15. Clarification Gas Line Crossing Sheet C-124 (Lower Greasewood Drawings for Cornfields Parallel and Interconnection Pipelines) – **See Table A.**
16. Change to NTUA Trench Detail WS-15 – **See Table A and Revised NTUA Trench Detail WS-15.**
17. Granular Activated Carbon Pressure Filters manufactured by AdEdge Water Technologies are approved as “an equal” Package Granular Activated Carbon Adsorption treatment vessel.
18. Iron and Manganese Pressure Filters manufactured by AdEdge Water Technologies are approved as “an equal” Iron and Manganese Removal Treatment vessel.
19. A copy of the Geotechnical Report for the Lower Greasewood Contract 2 can be obtained by request to NTUA.





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*Table A - Lower Greasewood Contract 2 Technical Specifications and Drawings Changes*

Addendum Item	Page or Drawing	Location	Description of Change
Volume 2 – Technical Specifications			
7	16000	2.02	Change to: All wire and conductors to be annealed copper, stranded per ASTM B8.
8	02200	3.02 Table A	Change to: General Application Note reference to Alternate Trench Detail, NTUA Standard Trench Detail WS-15
Contract Drawings			
9	M-120  WTP Building - Sections  Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House	Key Notes 1 and 2	Change to: 1 GAC Modular 2 Iron and Manganese Modular





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10	E-602  Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House	Key Note 11	<i>Change to:</i> Provide circuit between power utility transformer secondary and service entrance section, same size as circuit specified on E-602 between service entrance section and main disconnect switch. Provide messenger cable for overhead cable spans.
11	E-600  Ganado No Well Site Plan  Lower Greasewood Drawings for Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House	Key Note 4	<i>Change to:</i> Provide 2,200 ft. of Fiber Optic Cable.  <i>Clarification:</i> NTUA will provide fiber terminations for Well No as specified on the drawings. Terminations for Water Treatment Plant shall be per Fiber Specification 16124. NTUA may elect to terminate fibers where Contractor cable connects to their fiber.
12	E-404  Lower Greasewood Drawings for Treatment Plant, Well 1 Pump House and Ganado No Well Pump House	Luminaire Schedule	The Luminaire Schedule on Sheet E-404 is for the Water Treatment Plant. The lighting plan for Well 1 and No Well houses is per NTUA/IHS Standard Drawing Sheet 1 of 2 of the Pump House Layout (second to the last Sheet in the Lower Greasewood Water Treatment Plant, Well 1 Pump House and Ganado No Well Pump House Drawing Set.)





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13	C-002  Miscellaneous Details  Lower Greasewood Drawings for Cornfields Parallel and Interconnecti on Pipelines	Detail 4	Detail 4 specifies #4/0 grounding conductor for all underground raceways including fiber raceways.
14	C-103  Station 1010+00 to Station 1020+00 Plan & Profile  Lower Greasewood Drawings for Cornfields Parallel and Interconnecti on Pipelines	Station 1015+50	Add Key Note Number 4: Avoid disturbing existing tree (Station 1015+50) with proposed 6-inch water line alignment using up to four (4) 45° bends.  Note – this tree is not threatened and a permit is not needed due to cultural or traditional significance.





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15	C-124  Station 3000+00 to Station 3007+00 Plan and Profile  Lower Greasewood Drawings for Cornfields Parallel and Interconnecti on Pipelines	Gas Line Crossing	PVC casing will be used as specified on Sheet C-124 and per IHS/NTUA Standard Drawing W-13 (Gas/Oil Line Crossing)
16	NTUA Standard Trench Detail	Alternate Trench Detail	<i>Clarification:</i> Pipeline Embedment Zone (6-inches below pipe to pipe springline) – Type A or K Material Initial Backfill (From pipe springline to 12-inches above pipe crown) – Type A or K Material Final Backfill – Type C or K Material

In acknowledging this addendum, ensure a signed copy is included within the bid response. Thank you.

**ADDENDUM NOTICE ACKNOWLEDGEMENT:**

\_\_\_\_\_  
Company Name/Address

\_\_\_\_\_  
Signature/Title

\_\_\_\_\_  
Date