



**Navajo Nation**  
**Through Its Department of Water Resources Water Management Branch**  
**Date**

**TO:** All Interested Bidders

**FROM:** Brown and Caldwell

**SUBJECT:       ADDENDUM #2 NOTICE**

Let this memorandum serve as a notice of additional information regarding the **“Contract No. 2: Bodaway-Gap Well House No. 3 Construction, Storage Tank No. 2, Altitude Valve, and Pipelines Navajo Nation Bid Number 21-09-2581LE”**.

Below are questions collected from firms interested in this invitation for bid responses as follows:

1. Will Domestic Material be required for this project? (Buy America, Buy American, or American Iron and Steel)  
**Answer: Not required.**
2. What Entity or Agency is Funding this project?  
**Answer: Navajo Nation**
3. Plans Show 3EA locations of 8” waterline stubouts. There are no 8” waterline (pipe & fittings) bid items. Under which Bid item will this material be paid?  
**Answer: Include this with the 10” Waterline Bid Item.**
4. Please confirm that per Spec Section 15064-2.01-C *“All fittings shall be fusion bonded epoxy lined and coated and lined unless stainless steel is used.”* and typical C153 asphalt coated & cement lined fittings are not allowed.  
**Answer: The specification sentence shall be revised to read: “All ductile iron fittings shall be cement mortar lined in accordance with AWWA C104 and bituminous asphalt coated, minimum 1 mil thick.”**
5. A specification is provided for 3” Marking tape, will tracer wire also be required and if so please provide a specification for it.  
**Answer: Tracer wire is not required. Magnetic detectable warning tape is included in the Piping Specification 15050. The buried warning tape in the measurement and payment specification will refer to this magnetic detectable warning tape. The method and measurement specification shall be revised to strike “tracer wire”.**
6. Will typical SBR gaskets be acceptable for pipe joints in lieu of neoprene gaskets that are spec'd in Spec Section 15064-2.01-A and Spec Section 15062-2.03?



Answer: Neoprene gaskets are not required for water mains on this project; standard SBR gaskets are acceptable. Section 15064-2.01-A shall be modified to read: "Standard elastomeric gaskets with push-on joints shall conform to ASTM F477." Section 15062-2.03 shall be modified to read: "Use the manufacturer's standard gasket for use in potable water systems. Gaskets shall comply with AWWA C111 for push-on and mechanical joints and with AWWA C606 for grooved end joints."

7. Bid item E11 calls for 16ea 1" CARV Assemblies. Plans show 12EA 1" assemblies and 4EA ¾" assemblies. Will the ¾" assemblies be paid under this Bid Item?

Answer: All the CARV Assemblies shall be 1" on the buried pipelines. Those mislabeled in the plan view as ¾" on sheets C-228, C-231, C-234, & C-237 shall be changed to 1".

8. The provided detail WS11 for 2" Flush Valve Assembly has been revised so that all piping is 2" Ductile Iron. 2" Ductile Iron is not typical nor widely available. Would the typical 2" SDR21 and 2" Galv Iron Pipe normally associated with NTUA Detail WS11 be acceptable?

Answer: Galvanized Iron Pipe is acceptable.

9. Will cement mortar lining in Ductile Iron Pipe be acceptable in lieu of asphaltic lining spec'd in Spec Section 15062-2.07-A as none of the DI pipe shown on the drawings is specifically called out as cement mortar lined?

Answer: All ductile iron pipe shall be cement mortar lined in accordance with AWWA C104 and bituminous asphalt coated, minimum 1 mil thick.