

**ADDENDUM No. 2
TO
CONTRACT DOCUMENTS FOR CONSTRUCTION OF
THE CARSON-BURNHAM REGIONAL WATER SUPPLY PROJECT**

THE NAVAJO NATION

May 2, 2024

This is ADDENDUM No. 2 to the CONTRACT DOCUMENTS FOR CONSTRUCTION OF THE CARSON-BURNHAM REGIONAL WATER SUPPLY PROJECT, bid package published April 2024. This ADDENDUM No. 2 consists of four (4) pages. All interested bidders are hereby notified of the following clarifications, changes, additions, modifications and/or deletions to the Contract Documents, as described in detail below:

Item 1. *Bid Opening and Teams Meeting Access to Bid Opening*

Sealed BIDS for the construction of the CARSON-BURNHAM REGIONAL WATER SUPPLY PROJECT Navajo Nation Bid No. 24-03-3296LE, will be received by the OWNER at the office of the ENGINEER, Souder, Miller & Associates, until 2:00 PM (Local Time), TUESDAY, MAY 7th, 2024, and then at said office publicly opened and read aloud.

The Bid Opening may be attended virtually, and a Microsoft Teams meeting invite will be sent to the emails listed on the Plan Holders List and the Mandatory Pre-Bid Sign-in Sheet.

Item 2. *Revised Bid Form*

The Bid Form is hereby revised and modified as follows (text deletions by strike-thru):

- Bid Item No. 40: Item Description is hereby changed to eliminate all work related to connecting SCADA and electrical equipment:

Carson No. 1 Tank Site Control Valve Vault (including 3" combination altitude and pressure sustaining control valve, 1/2" ARV valves, all fittings and other appurtenances, all structural elements, ~~all connections to existing site SCADA and electrical equipment~~, and all wetted components), CIP.

- Bid Item No. 44: Item Description is hereby changed to eliminate all work related to connecting SCADA and electrical equipment:

Carson Burnham Tank Site Control Valve Vault (including 3" combination altitude and pressure sustaining control valve, 1/2" ARV valves, all fittings and other appurtenances, all structural elements, ~~all connections to existing site SCADA and electrical equipment~~, and all wetted components), CIP.

Bidders shall utilize the modified Bid Form provided in Addendum No. 1 for pricing of Bid Items 40 and 44 consistent with the modified item descriptions above.

Item 3. *Modifications to Design Drawings*

All work associated with connecting each of the altitude valve vaults located at the Carson Burnham Tank Site and Carson No. 1 Tank Site with underground power line (UGE) is removed from Contract Scope of Work.

The Design Drawings stamped on 04/04/2024 are hereby modified as follows:

- Sheet C-20: DELETE the following note:
CONNECT ALTITUDE VAULT TO EXISING ELECTRICAL BOX PER TANKS SITE
CONTROL VAVLE VAULT BID ITEM.
- Sheet C-20: DELETE UGE shown between Altitude Valve Vault to Existing Electrical / SCADA Box.
- Sheet C-21: DELETE the following note:
CONNECT ALTITUDE VAULT TO EXISING ELECTRICAL BOX PER TANKS SITE
CONTROL VAVLE VAULT BID ITEM.
- Sheet C-21: DELETE UGE shown between Altitude Valve Vault to Existing Electrical / SCADA Box.
- Sheet C-22: DELETE UGE shown between Altitude Valve Vault to Existing Electrical / SCADA Box.
- Sheet C-24: DELETE the following note:
RELOCATE EXISTING TANK SITE SCADA / ELECTRICAL ENCLOSURE ADJACENT TO
PROPOSED ALTITUDE VAULT. MAINTAIN SCADA SERVICE DURING COSTRUCTION OF
NEW 100,000 GALLON TANK AND VAULT.
- Sheet C-24: DELETE the following note:
CONNECT ALTITUDE VAULT TO EXISING ELECTRICAL BOX PER TANKS SITE
CONTROL VAVLE VAULT BID ITEM.
- Sheet C-24: The leader note for the EXISTING SCADA / ELECTRICAL ENCLOSURE is
hereby modified as follows to add "Remove and dispose of":
REMOVE AND DISPOSE OF EXISTING SCADA / ELECTRICAL ENCLOSURE
- Sheet C-24: DELETE UGE shown between Altitude Valve Vault to Existing Electrical
Box.

Revised drawings reflecting the modifications above shall be provided to the winning bidder prior to construction. In the interim, modifications described above may be relied upon by bidders in preparation of the bid.

Item 4. *Carson Tank No. 1 Impressed Current Cathodic Protection System*

For Item No. 37 on the Bid Form, the following statement clarifies work associated with connecting the impressed Current cathodic protection system to existing site electrical:

Contractor shall provide and install a new 20 amp, 1-pole circuit breaker, that is listed for use within existing panelboard, within usable space in panelboard. Contractor shall provide and install 2#12 THWN Cu and 1#12 THWN Cu ground in 1" PVC, PVC coated or double lapped wrapped conduit wrapped with scotchwrap-51 to impressed current cathodic protection panel. Electrical contractor shall make all required connections for a complete and operational system. Conduit shall be buried a minimum of 36" below finished grade with metallic red warning tape buried 12" above conduit. Contractor shall provide shop drawings of cathodic protection system to engineer prior to installation. The Contractor can assume a maximum of 85 linear feet of conduit conductors and trenching will be required for bidding purposes.

Item 5. Exhibit C Rock Potholing

Exhibit C - Carson-Burnham Regional Water Supply Project Pot Holing Information is hereby updated as follows:

Line	Hole #	Station	Latitude	Longitude	Surface Conditions	Dept to Rock
Line 1	20	254+75.0	36.36125973	-107.9220798	-	None at 8 feet
Line 1	25	51+50.0	36.38012583	-107.9618736	-	None at 8 feet

Item 6. HDD Drill Exploration

SMA completed one HDD Drill exploration Test Hole on Line 2 at approximate Station 53+00. The Test Hole was completed to a depth of 17 feet; no rock was encountered; water was encountered at a depth of approximately 3 feet below ground level.

Item 7. Utility Locate

SMA is currently obtaining subsurface data (top of pipe and diameter) for known existing utilities that the Project Line 1 and Line 2 crosses via air knife potholing. The waterline depth at the existing utility crossing will be adjusted, as needed, based upon the results of the potholing. The minimum separations shown on the construction drawings between the bottom of the existing utility line and top of carrier pipe or casing will be maintained.

The gathered information will be tabulated and provided to the winning bidder prior to construction. Revised drawings reflecting the potential modifications to the pipeline depths described above shall be provided to the winning bidder prior to construction. If there are significant changes to the design due to existing utilities being deeper than shown on plans as bid, the contractor will have the opportunity to request additional compensation.

Item 8. Electronic files available to bidders

The following files (in .pdf file format) referenced and requested have been made available to Bidders through the Engineer's website at www.soudermiller.com. Bidder's requiring further assistance in obtaining these files should contact Jim Magnuson at jim.magnuson@soudermiller.com or 505-360-3127.

The following files **are** part of the Bid / Contract Documents:

- Addendum No. 1
- Addendum No. 2

This Addendum No. 2 constitutes clarification, changes, additions, modifications and/or deletions to the aforementioned contract documents. All provisions of the contract documents not in conflict with Addendum No. 2 shall remain in full force. This Addendum is hereby made a part of the Contract Documents to the same extent as those provisions contained in the original Contract Documents and previous Addenda, if any. Receipt of this Addendum shall be acknowledged on the Bid Form.



Jim Magnuson, P.E.

May 2, 2024

Date