

November 17, 2022

ADDENDUM NO. 1

2021 LARGE WATER VALVE AND RCCP REPLACEMENT PROJECT

BID NO. 2023-017

Bidders are directed to revise and incorporate into their bid the following change(s) in bid specifications:

Clarifications

1. Per Technical Specification TS-26, the temporary 2" HDPE water main, "...will be chlorinated after installation, and service shall not be transferred to the temporary mains until the water in the temporary main has been checked and approved by the Owner." .
2. For the existing 24" water main along Northview Drive, based on photographs from a previous repair, the depth to the top of the pipe is between 5 and 10-feet deep. This estimated depth has not been verified.
3. The City of Mesquite has 2-24" FL x FL valves and 2 - 20" MJ X MJ valves in stock and available for the project. The City will allow the 2-20" valves to be used in lieu of the 2-24" MJ x MJ valves detailed in the plans and specifications.
4. Contractors do not need to restock the 4 valves referred to in line item 3 above.

Revisions

1. Replace the corresponding bid proposal sheet in the Contract Documents & Specifications with the one attached, which revises the bid item descriptions for Bid Items 9 and 10 from "Furnish and Install" to "Install" in accordance with line item 3 above.
2. Replace the corresponding technical specification sheets in the Contract Documents & Specifications with those attached to reflect the changes referenced in line item 3 above.

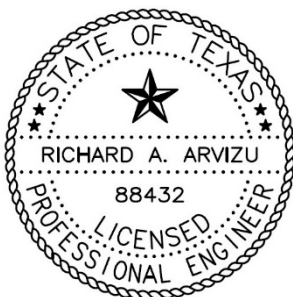
If you should have any other questions, do not hesitate to contact the Purchasing Office at 972-216-6201, or email purchasing@cityofmesquite.com.

Ryan Williams

Ryan Williams
Manager of Purchasing

ACCEPTANCE:

We, the undersigned, do hereby acknowledge receipt of this Addendum No. 1 to Bid No. 2023-017; 2021 Large Water Valve and RCCP Replacement Project, and agree to the instructions herein written.



The seal appearing on this document was authorized by Richard A. Arvizu, P.E. Tx. No. 88432. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act, 11/17/2022

Richard A. Arvizu

Company Name

Authorized Signature

Date

**2021 LARGE WATER VALVE AND RCCP REPLACEMENT PROJECT
CITY OF MESQUITE CONTRACT NO. 2023-017**

MESQUITE, TEXAS

ITEM NO	BID QTY	UNITS	ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1	532	SY	REMOVE EXISTING CONCRETE STREET PAVEMENT AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
2	39	SY	REMOVE EXISTING CONCRETE SIDEWALK AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
3	125	SY	REMOVE EXISTING CONCRETE DRIVEWAY AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
4	28	SF	REMOVE EXISTING STAMPED CONCRETE MEDIAN PAVEMENT AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
5	94	LF	REMOVE 39" SANITARY SEWER MAIN AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
6	17	LF	REMOVE 4'x2' RCP AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
7	41	LF	REMOVE 24" RCCP WATER MAIN AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
8	2	EA	FURNISH & INSTALL 8" x 8" TAPPING SLEEVE & VALVE AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
9	3	EA	INSTALL 24" RW GATE VALVE FL x FL AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
10	1	EA	INSTALL 20" RW GATE VALVE MJ x MJ AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
11	9	EA	REPAIR OF 24" RCCP WATER MAIN AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
12	4	EA	INVESTIGATION AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
13	1	EA	REHAB EX 4' DIA MH W/ ARMOROCK POLYMER INSERTS AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$
14	1	EA	REHAB EX 5' DIA MH W/ ARMOROCK POLYMER INSERTS AS SPECIFIED HEREIN, COMPLETE AND IN PLACE	\$	\$

Measurement:

Measurement and payment shall be made on a unit price basis for each linear foot of 4'x2' RCP removed and disposed of, as measured in place.

Payment:

Payment shall be full compensation for all materials, equipment, labor and other incidentals necessary to complete the work as specified, including excavation, handling, transporting and disposal.

TS-7 REMOVE 24" RCCP WATER MAIN - BID ITEM 7

Description:

This item shall be for removing existing 24" RCCP water main at the locations shown on the plans as required or as directed by the Owner. This item includes unclassified excavation and dewatering of the existing line necessary to complete the work. Pavement removal shall be paid for by separate pay items.

Contractor shall provide machinery, tools, and equipment necessary for proper execution of the work in the time frame allowed. Owner shall approve such equipment as to type and condition prior to the Contractor beginning construction operations on which the equipment is to be used. The equipment must be kept in full and good working order.

Materials:

None specified.

Measurement:

Measurement and payment shall be made on a unit price basis for each linear foot of 24" RCCP water main removed and disposed of, as measured in place.

Payment:

Payment shall be full compensation for all materials, equipment, labor and other incidentals necessary to complete the work as specified, including excavation, dewatering the existing water line, handling, transporting and disposal.

TS-8 FURNISH & INSTALL 8" x 8" TAPPING SLEEVE & VALVE - BID ITEM 8

Description:

This item shall be for furnishing and installing a 8" x 8" tapping sleeve and valve at locations shown on the plans in accordance with all requirements set forth in City of Mesquite General Design Standards, Water -1 through Water-3, for materials, testing, safety, backfill and other items.

Materials:

Materials shall be in accordance with the City of Mesquite General Design Standards, Water-1 through Water-3.

Measurement:

This item is paid on a unit price basis per each 8"x8" tapping sleeve and valve installed.

Payment:

Payment shall be full compensation to complete the work as specified. This project shall include all labor, equipment, materials, excavation, backfilling, concrete, restraint system and all other associated work necessary to complete in place.

TS-9 INSTALL 24" RW GATE VALVE FLxFL - BID ITEM 9

Description:

This item shall be for installing a 24" resilient wedge gate valve flange x flange as

indicated on the plans. This item also includes all associated piping, closures, fittings, transitional couplings, adaptors, gaskets, nuts, bolts and other appurtenances required.

Materials:

Gate valves shall be resilient wedge (seat) valves that comply with AWWA C509 or C515. The valves shall be designed to withstand a minimum working pressure of 200 psi. The valve shall be full opening, ductile iron body, non-rising stem. Valves shall have all internal and external ferrous metal surfaces coated with an approved epoxy coating to provide a corrosion resistant barrier. The epoxy coating shall be holiday free with a minimum thickness of not less than ten (10) mils. Valves shall have two (2) "O" ring stem seals, shall open by turning to the left (counterclockwise), and have a two (2) inch operating nut. All fittings and glands shall be designated and fabricated in accordance with AWWA C303 & AWWA C304 and shall be designed for a minimum working pressure of 200 psi., minimum field test pressure of 200 psi and an HS-20 live load. All fittings and valves shall be mechanically restrained using full circle welds or equal as approved by the City. Bolts and nuts for all fittings shall be ASTM A325 Type 3 Enhanced Corrosion Resistant steel or stainless steel Grade 304 or 316.

All fittings, valves, etc. shall be blocked with 2,000 psi concrete. All blocking shall be poured to avoid nuts and bolts.

Contractor shall use a wrapper strapped around the pipe and over the joint to grout the exterior joint space associated with connections.

Embedment shall be in accordance with the City's General Design Standards, including crushed concrete flexible base compacted to 95% standard proctor density.

Contractor shall backfill excavated trench area in accordance with the City's General Design Standards, including crushed concrete flexible base compacted to 95% standard proctor density under paving and clean fill (native material) compacted to a density of 95% standard proctor at a moisture content of 0% to plus 6% of optimum moisture not under pavement.

Contractor shall also install an adjustable valve box (Bass & Hayes Model # 2436S) in combination with an access assembly (24" East Jordan Iron Works ERGO® with locking lid). For a valve not under pavement, contractor shall construct a 4' x 4' concrete apron around the access assembly as shown in the plans.

Measurement:

This item is paid on a unit price basis per each 24" resilient wedge gate valve FL x FL installed.

Payment:

Payment shall be full compensation to complete the work as specified. This project shall include all labor, equipment, materials, excavation, backfilling, concrete, restraint system, welding, testing and all other associated work necessary to complete in place.

TS-10 INSTALL 20" RW GATE VALVE MJxMJ - BID ITEM 10

Description:

This item shall be for installing a 20" resilient wedge gate valve mechanical joint x mechanical joint as indicated on the plans. This item also includes all associated piping, closures, fittings, transitional couplings, adaptors, gaskets, nuts, bolts and other appurtenances required.

Materials:

Gate valves shall be resilient wedge (seat) valves that comply with AWWA C509 or C515. The valves shall be designed to withstand a minimum working pressure of 200 psi. The valve shall be full opening, ductile iron body, non-rising stem. Valves shall have all internal and external ferrous