



Invitation for Bids No. CDBG 124-20

CITY OF TOMBSTONE

SAFFORD STREET WATERLINE IMPROVEMENTS PROJECT

Addendum #1

Dated: April 22, 2020

Clarification:

In response to questions received during the Pre-Bid meeting:

Question 1: Are there any hard-rock clauses?

Response 1: There are no hard-rock clauses. Test holes were provided were dug within the alignment for the contractors to view the existing soil conditions. The contractors shall bid the work per this information.

Question 2: Auto Liability Insurance – \$5M Umbrella for Hauling Hazardous Materials. Are there any hazardous materials on site? Will this coverage be required?

Response 2: Mac MacMillan stated there are no hazardous materials on the job site. Mac asked Keith Dennis/SEAGO if the insurance would be required. Keith spoke with an ADOH rep and confirmed that the \$5M Umbrella would NOT be required.

Question 3: How deep are the test holes and what is the condition of the soil?

Response 3: The test holes are 4 feet deep. Mac stated that the holes were 4 feet deep and dug with a backhoe that morning. Alex Gradias stated the soil has caliche, but it is pretty soft in most areas.

Question 4: Can we see the hydrants after the walk-thru?

Response 4: The hydrants are located behind City Hall and are available for view.

Question 5: Will construction water be available?

Response 5: A stand-pipe is located on Allen and 7th Streets. There is no charge for the water, but the contractor will be required to fill out a slip so that the City can keep track of water usage.

Question 6: Is a City permit required and what is the cost?

Response 6: A City Right of Way permit is required, but there will be no fee for the permit. The ROW permit will require a traffic control plan and Stormwater Protection Plan.

A City Business License is also required and will cost less than \$100. The awarded contractor will be required to obtain the permit and business license after the Notice of Award is issued.

Question 7: What is the anticipated start date?

Response 7: The tentative schedule is to award the contract at the May 14, 2020 City Council meeting.

Question 8: Can we use Mega Lugs instead of Thrust Block?

Response 8: Restrained joint systems are acceptable for thrust restraint. Restrained joint lengths shall be provided per manufacturers recommendations in the submittal process for approval.

Question 9: Will submittals on materials be required?

Response 9: Yes, submittals will be required.

Question 10: Will sand be required only for the bedding/shading? Can it be an import material?

Response 10: Sand is required only for the bedding and shading. It shall be imported material.

Question 11: Can we screen native materials to make the sand? It is more cost effective to screen native materials versus trucking it in.

Response 11: All backfill materials including bedding and shading sand shall be imported.

Question 12: Is there an area for the disposal of spoils?

Response 12: A soil disposal area within 0.5 miles of the site will be provided by the City.

In response to questions received via e-mail:

Question 13a: (Note 11 Sheet 1) The below ground restrained pipe joints are called out to be figured per the EBAA Iron calculator. Are gate valves going to be considered as dead ends if they are closed? I just want to clarify because that would greatly increase the number of pipe bell joint restraints required.

Response 13a: Yes.

Questions 13b: Also, will the minimum 36" of cover be changed?

Response 13b: Trench Detail 1 of 5 on Sheet 5 shall be revised to reflect a minimum depth of cover of 36-inches.

Question 14a: (Sheets 2, 3, 4) The MAG 390 Type A curb stops with flushing pipe are all shown in the streets. Will the box need to be traffic rated or will a standard concrete box and bent steel lid be acceptable if the lines are not located in direct traffic areas?

Response 14a: If the box is located within the right of way, it will need to be traffic rated.

Question 14b: If the box will need to be traffic rated, will a #2 cast iron box and lid measuring 12"W x 20"L x 9"H be acceptable which meets ASTM A48, Class 30B with an H20 load rating?

Response 14b: Yes.

Question 15a: Can MAG Standard 390 referring to the flushing pipe be substituted for a street 90-degree bend, and then a solid piece of galvanized pipe coming up to the ball valve? This reduces the chances of a leak and would reduce costs.

Response 15a: Yes.

Question 15b: How long is the warranty period?

Response 15b: Two (2) years.

Question 16a: Are bacteria tests required?

Response 16a: Yes.

Question 16b: If so, can they be done in sections?

Response 16b: Yes, but each test is only good for 30 days.

Question 17a: How will the City inspections be conducted?

Response 17a: City inspections/observations will be conducted daily by either the City or one of its consultants. An engineers' representative will be onsite weekly, at a minimum, and when critical tasks scheduled need to be observed.

Question 17b: Will the City allow us to backfill and then pressure test in sections?

Response 17b: The City will allow the Contractor to backfill; however, should the pressure test fail, it is the Contractor's responsibility to expose the pipeline and make necessary repairs, at his expense, until such time the pressure test passes inspection and is accepted by the City or its representative.

Question 18: There appears to be a discrepancy in the calculated quantities.

Response 18: The quantities have been re-calculated and adjusted in the revised bid schedule, which is attached. The contractor shall verify all quantities supplied for his lump sum bid price prior to submitting a bid for the project.

Listed below are the known material suppliers for the project area for contractor reference:

1. **Tombstone Gold and Silver**
P.O. Box 1460
Tombstone, Az 85638
Contact: Scott Davis (520) 255-6231

2. **KE&G**
1601 Paseo San Luis
Sierra Vista, AZ 85635
Contact: Tammy Messer (520) 458-9594

3. **CEMEX**
5231 E. Buffalo Soldier Trail
Sierra Vista, AZ 85635
(855) 292-8453

Attached is the Revised Bid Schedule

The Submittal Date and Time remain the same: **April 30, 2020 at 1:00 PM AZ Local Time**

***** THIS CONCLUDES ADDENDUM NO. 1 *****

ADDENDUM No. 1 BID SCHEDULE

PROJECT #CDBG 124-20 SAFFORD STREET WATERLINE IMPROVEMENTS PROJECT

No.	Description	Quantity	Unit	Unit Price	Extended Price
PIPING					
1	6" C900 200 psi	5,704	FT		
2	12 Gauge Tracer Wire	5,900	FT		
3	Magnetic Bury Tape	5,704	FT		
4	Fire Hydrant Assembly	7 (*)	EA		
5	Gate Valves	50	EA		
6					
7					
8					
9					
10	*Hydrants Supplied by the City				
BACKFILL					
11	Shading Sand	310	CY		
12	ABC (MAG Spec)	1,240	TN		
13					
14					
ALTERNATE BID ITEMS					
20	ALT – MAG Spec Hot Mix	110	TN		
	TOTAL BID (Sub Total + Contingency)				
	QUANTITIES ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR CALCULATING THEIR OWN QUANTITIES.				