



**Davis Water Treatment Plant Power Distribution Upgrades
 BID PHASE - CLARIFICATION No. 1**

FACILITY ENGINEERING

CIP Project No. 2015.006

Solicitation: IFB CLMC585

Prepared by:

Harutunian Engineering, Inc.
 305 E. Huntland Drive, Austin, TX 78752
 (512) 454-2788



The following are answers to Bidders questions received on the above project. These answers do not modify the Contract. Any modifications to the Contract will be through Addenda.

	Clarification	Response
1	1. With respect to Alternate No. 1: Pipe Lining of Existing Raw Water Transmission Line: <ul style="list-style-type: none"> • If Alternate No. 1 is accepted, in what year in construction anticipated to take place? • If Alternate No. 1 is accepted, how many days after the NTP before work associated with the pipeline rehab can commence (are there any schedule constraints)? 	<p>This question shall be addressed to the Prime Contractor.</p> <p>Per Addendum 1, the Pipe Lining of Existing Raw Water Transmission Line has been changed to an allowance item. The OWNER will decide if this Allowance item will be constructed following the pressure test for the 48” transmission main replaced by open-cut.</p>
2	2. How many LF of pipe are to be lined? 456 lf as per the AECOM report or 300 lf?	<p>The PLANS show the pipe to be rehabilitated per contract documents. Construction of access points and connection to existing piping shall be included in the Allowance for Pipe Lining of Existing Raw Water Transmission Line.</p>
3	3. Please confirm the following design assumptions: <ol style="list-style-type: none"> a. Pipe Diameter: 48" 	<p>The available information is included in the contract</p>



**Davis Water Treatment Plant Power Distribution Upgrades
 BID PHASE - CLARIFICATION No. 1**

FACILITY ENGINEERING

CIP Project No. 2015.006

Solicitation: IFB CLMC585

Prepared by:

Harutunian Engineering, Inc.
 305 E. Huntland Drive, Austin, TX 78752
 (512) 454-2788



	Clarification	Response
	b. Pipe Type: RCP c. Year of Installation: 1952 d. Design Type: Stand Alone e. Design Standard: AWWA Draft f. Working Pressure: 35 psi g. Transient Pressure: 40 psi h. Vacuum Pressure: -14.7 psi i. Soil Cover Height (above invert): 3 ft. to 8 ft. j. Ground Water Height: up to ground surface k. Traffic Loading: HS 20 Truck Loading l. Soil Modulus: Assumed 700 psi	documents. The internal pipe rehabilitation will be based on stand alone design with HS 20 traffic loads and ground water up to ground surface. See the Addendum 1 for specified working pressure, maximum pressure and vacuum pressure.
4	4. How many LF of crack repair (if any) should be anticipated for bidding purposes?	All the available information is included in the contract documents.
5	5. How many CF of concrete repair (if any) should be anticipated for bidding purposes?	See answer to Item 4.
6	6. Are there any known leaks at the joints or in the barrel of the pipe? If so: a. How many joint leaks should be anticipated for bidding purposes	See answer to Item 4.



**Davis Water Treatment Plant Power Distribution Upgrades
 BID PHASE - CLARIFICATION No. 1**

FACILITY ENGINEERING

CIP Project No. 2015.006

Solicitation: IFB CLMC585

Prepared by:

Harutunian Engineering, Inc.
 305 E. Huntland Drive, Austin, TX 78752
 (512) 454-2788



	Clarification	Response
	b. How many barrel leaks should be anticipated for bidding purposes	
7	7. Please specify/clarify the length of the warranty.	See general conditions for warranty requirements.
8	8. Is the warranty period required to be bonded?	See answer to Item 7.
9	I see that the job requires aerial photography to document both pre-construction & construction progress. Will there be a need for a post-construction aerial as well?	Yes, please see 3.4 in specification section 01380. The same views taken during construction shall be taken post-construction. Please see Addendum 1.
10	Will the aerial need to cover the full 30 acre site? Or should the aerals focus on the portion of the compound where the new substation will be built?	The aerial will need to cover the entirety of the plant site, please see page 1 of section 01380, "Aerial color picture shall be a color aerial picture of the entirety of the Davis WTP plant site." This question does not warrant an addendum.
11	Also, I see that the submittal requests 3x5 prints. Would 4x6 prints be acceptable as well?	Yes, this is acceptable. Please see Addendum 1.



**Davis Water Treatment Plant Power Distribution Upgrades
 BID PHASE - CLARIFICATION No. 1**

FACILITY ENGINEERING

CIP Project No. 2015.006

Solicitation: IFB CLMC585

Prepared by:

Harutunian Engineering, Inc.
 305 E. Huntland Drive, Austin, TX 78752
 (512) 454-2788



	Clarification	Response
12	<p>Specification 01010-1.04-I-12 states that the Contractor is responsible to compensate AE for all fees generated by AE for the project. Due to the fact that the AE will not inform the Contractor (pre bid) as to what these fees may or may not be, the Contractor is thus unable to ascertain what the impact may be. We would suggest relieving the Contractor of the obligation to pay for any AE fees and make those the obligation of the Owner, or establish a bid allowance amount that could be put in place to cover any potential AE fees.</p>	<p>This specification has been revised. Please see Addendum 1.</p> <p>The Contractor is not responsible for fees for the electrical service to the proposed Substation No. 1 or demolition of the existing Austin Energy service feeders within the plant to the plant's existing substation. However, the contractor is responsible for all fees as identified in the contract documents. This includes permitting fees, fees associated with temporary electrical service as needed for construction, such as the construction trailer, etc.</p>
13	<p>I was just going through the plans for this project and was wondering if there is any other roofing work other than the electrical substation?</p>	<p>The roofing renovation shown on the Plans is for Substation No. 1. Please note that it is the responsibility of the Contractor to review the Plans and bid accordingly. This question does not warrant an addendum.</p>