

**EL PASO WATER UTILITIES
PUBLIC SERVICE BOARD**

**ADDENDUM 1
FOR**

**HASKELL R. STREET WASTEWATER TREATMENT PLANT FATS, OIL AND
GREASE RECEIVING STATION IMPROVEMENTS**

BID NUMBER 93-22

November 17, 2022

The following revision to the Request for Proposals shall become part of the Contract Documents and the Bidders shall acknowledge receipt thereof on their Proposal

El Paso Water Utilities



Mirtha Solis
Senior Purchasing Agent
November 17, 2022

* The Purchasing Agent's signature certifies only that the document shall become part of the Contract Documents for the referenced project. Her signature is not a representation that the Content of this document is Technically correct.

Arcadis U.S., Inc.



Joel Mora P.E.
Project Manager
November 17, 2022



Receipt of this Addendum must be acknowledged in writing to El Paso Water Utilities as required by the bid documents.

AD-1: PRE-PROPOSAL MEETING

The following documents are attached to Addendum No. 1:

- Attachment A: Pre-Proposal Meeting Sign-In Sheet
- Attachment B: Pre-Proposal Meeting Agenda
- Attachment C: PSI Report No. 06252257 - Haskell WWTP FOG

I. Questions and Answers:

QUESTION 1: It was noted that the Technical Specifications were not uploaded with the plans and front ends.

ANSWER 1: El Paso Water uploaded the Technical Specs, Volume 3 of 3, to the Construction Bids, you can use the link below to access the document:

[Technical Specifications](#)

QUESTION 2: Will this project have a limited notice to proceed or is the contract time structured to allow for the lead time due to equipment/material procurement?

ANSWER 2: The schedule provided includes time to allow for equipment procurement.

QUESTION 3: Can the Geotech report be provided?

ANSWER 3: Yes, the Geotech report is attached as part of this addendum.

QUESTION 4: It was noted that sheet C-05, note 3 mentions encasing all proposed utilities underneath or within 5ft of concrete structure. Are there maps of existing utilities? Is 5ft horizontal or vertical as described in?

ANSWER 4: All identified utilities are represented on plan sheet C-06, responsibility remains within the selected contractor who must identify and determine all locations for all utilities in the field. The 5ft requirement is horizontal distance, Contractor shall consult with Engineer to determine the 5 ft horizontal boundary before proceeding with encasement.

QUESTION 5: Can we have a site visit?

ANSWER 5: Yes. EPW will send a formal invite once they receive an official request.

END OF ADDENDUM 1

Haskell R. Street WWTP FOG Receiving Station Improvements
Bid 93-22 - Pre-bid Meeting (Microsoft Teams)

November 16, 2022 10:00 AM

NAME		COMPANY	PHONE	EMAIL
	Rylan Edgmon	Smithco Construction, Inc.	575-740-3492	rylan@smithco.cc
	Mirtha Solis	EPW	915-594-5473	MSolis@epwater.org
	Claudia Lara	EPW	915-594-5544	clara@epwater.org
	Andres Garcia	RM Wright Construction	915.584.1691	andres.garcia@goalterman.com
	Warren Morrow	Morrow Enterprises Inc	575-526-1178	bids@morrownm.com
	Veronica Garcia	EPWater	915-594-5677	v.garcia@epwater.org
		RM Wright Construction		jacintharmwright@yahoo.com
	Sergio Delgado	Arcadis	915-747-3914	sergio.delgado@arcadis.com
	Yadira Reyes	EPWater	(915) 594-5686	Yreyes@epwater.org
	Mike Broyles	Arcadis	(303) 471-3460	mike.broyles@arcadis.com
	Joel Mora	Arcadis	915-747-3509	joel.mora@arcadis.com
	Nilsa Leon	EPWater	(915) 594-5625	Nilsa.leon@epwater.com
	Eric Auerbach	Arcadis	(718) 397-2395	eric.auerbach@arcadis.com
	Robert Davidson	EPWater	(915) 594-5528	rdavidson@epwater.org
	Hector Hermosillo	Cubic Water, LLC	(915) 217-3178	hh@cubicwaterllc.com
	Alfredo Alcala Jordan	EPWater	(915) 490-0700	ajalcala@epwater.org



Pre-Bid Meeting Agenda

p

Project Title: Haskell R. Street Wastewater Treatment Plant Fats, Oils, And Grease Receiving Station Improvements

Bid No.: 93-22

Meeting Date: November 16, 2022

Meeting Time: 10:00 A.M.

Meeting Location: Microsoft TEAMS Online Meeting Link

[Join Microsoft Meeting](#)

I. Introduction [EPWater PM]

a. Meeting Sign In

- i. Notice to all participants, this pre-bid meeting is being recorded. EPWater Project Manager will now begin the recording.
- ii. Housekeeping Rule – All participants please mute your microphones. We will open up for questions at the end of the pre-bid meeting agenda.
- iii. Online meeting sign in – Attendance is recorded through the platform's chat room. Please sign in by including your name, company representing, phone number and email in a chatroom message. We may have to call on you for more information.

Owner: El Paso Water (EPWater)

1154 Hawkins Blvd.
El Paso, Texas 79925

Alfredo Alcala Jordan – Project Manager

Felipe Lopez, Jr., P.E. – Chief Operations Officer
Gilbert Trejo, P.E. – Chief Operations Officer
Irazema Rojas P.E. – Interim Chief Technical Officer
Geoffrey Espineli, P.E. – Engineering Division Manager,
Ivan Hernandez, P.E. – Engineering Division Manager,
David Ornelas P.E. – Wastewater Systems Division Manager,
Rose Guevara – Utilities Purchasing & Contracts Manager
Claudia Lara – Contracts Development Coordinator
Mirtha Solis – Senior Purchasing Agent
Veronica Garcia – Senior Project Compliance Specialist
Yadira Reyes – Project Compliance Specialist
Robert Davidson – Contract Construction Administrator
Cassie Flores – Public Affairs Coordinator
Nilsa Leon-Project Compliance Specialist

Engineer of Record:

Joel Mora, PE
Project Manager
Arcadis US, Inc.
401 E. Main Street, Suite 400

II. General Bid Requirements [EPWater PM]

a. Contract documents consists of the specifications, drawings, and any addenda that may be issued.

b. Bid Development Dates

- i. Pre-bid meeting November 16, 2022, 10:00 a.m.
- ii. Last day for questions November 21, 2022, 5:00 p.m.
- iii. Responses posted November 25, 2022
- iv. Bids due December 14, 2022, 1:30 p.m.
- v. Open Bids December 14, 2022, 2:00 p.m.

c. Construction Schedule

Project estimated duration is approximately 14 months to final completion. Projected milestones are summarized below:

Notice to Proceed	February 2023
Preconstruction Meeting	February 2023
Substantial Completion	April 2024 (395 days after NTP)
Final Completion	May 2024 (425 days after NTP)

d. Bid Questions, Cone of Silence policy, Interpretations, and addenda.

All questions regarding the meaning or intent of the Contract Documents for this project, other than those asked here today, must be submitted to Owner in writing to:

Attn: Bid No. 93-22
Questions or Clarifications
Mirtha Solis
Senior Purchasing Agent

1154 Hawkins Blvd.
El Paso, TX 79925

OR emailed to:

msolis@epwater.org or purchasing.info@epwater.org

Please include Bid No. 93-22 in the subject line of the e-mail. Pursuant to the Cone of Silence, any communication between potential Offerors and EPWater staff or Engineer relating to this project is prohibited.

Deadline for all questions regarding the meaning or intent of the Contract Documents is Monday, November 21, 2022 at 5:00 pm. Questions received after the deadline will not be answered.

Interpretations or clarifications considered necessary by the Engineers in response to such questions will be issued by Addenda and made available to all via posting on EPWater website.

III. Instructions to Bidders [EPWater Purchasing]

a. Bid Proposal

Bid Proposal Checklist – (Section 00100)

- Bidder required to submit 1 original proposal and 2 copies along with an electronic version of the bid proposal

- For ease of reference, Bidders must “TAB” the following:
 - Section 00300 Bid Form page showing Total Bid Price, and
 - Bid Bond sheet
- Signed Bid Form (complete, with acknowledgement of any issued addenda, including names of all Subcontractors and Suppliers)
 - Check all Bid calculations to ensure that pricing numbers are correct and accurate; o Unit bid price will prevail in the event of discrepancies
- Original and Notarized Bid Security or Bond
- Certificate of Insurance Availability
- Names and categories (SMLB, MBE OR WBE) of all Subcontractors and Suppliers with SMLB, MBE OR WBE certifications
- Evidence of Good Faith Efforts if Minority Participation Goals are not met
 - 25% Small Locally Owned Business
 - 10% Minority Owned Business
 - 7% Women Owned Business
- Texas Ethics Commission requirement, "Certificate of Interested Parties", Form 1295 – Contractor must have registered/completed on-line application
- Safety Record (Qualifying Projects only)
- Statement of Residency
- Statement of Non-Divestment from Israel
- Electronic Version of the Bid Proposal (saved on Compact Disk or USB Flash Drive)

b. Addenda

All Addenda will be posted on the EPWater website in the individual bid’s page:

https://epwater.org/business_center/purchasing_overview/bids/construction

It is recommended that all potential Bidders register to the EPWater Construction Bids and RFS Notifications section to receive newsletter notifications when items (including addendum) are posted and made available to a bid’s page. It is the Bidder’s responsibility to visit the EPWater website frequently to become aware of all pertinent information made available to all bidders.

c. Bid Delivery

- i. Location – Hard copies shall be delivered to the EPWater Purchasing Department (First Floor) in a sealed envelope with the following information visible outside the envelope:

Attention:

Haskell R. Street Wastewater Treatment Plant Fats, Oils, And Grease Receiving Station Improvements
 Bid No. 93-22
 “BID ENCLOSED”
 Purchasing & Contracts Administration
 1154 Hawkins Blvd.
 El Paso, TX 79925

The bid package must include the notation “BID ENCLOSED” on the face of the sealed envelope and include 1 original proposal and 2 copies along with an electronic version of the proposal (i.e. saved on a Compact Disk or USB Flash Drive)

- ii. Acceptance – Bids will need to be dated and time stamped by Purchasing or Contracts Administration for acceptance. If bids are mailed, please ensure to have the bid information above on the envelope to also show on the outside of the packaging.
- iii. Bids will need to be delivered to the EPWater Purchasing Department no later than 1:30 p.m. on 12/14/2022. All bids received at 1:30 p.m. will be read aloud at 2:00 p.m. Any bids delivered after 1:30 p.m. will not be accepted.

d. Bid Opening

Proposal Openings will be conducted through GoToMeetings. Instructions below:

www.epwater.org/business_center/purchasing_overview/bids

Once found, click on “Bid Opening Meeting link” to join. Additionally, you can join the proposal opening meeting by dialing in using your phone and entering the access code when prompted:

United States (Toll Free): [1 866 899 4679](tel:18668994679)

United States: [+1 \(571\) 317-3116](tel:+15713173116)

Access Code: 733-908-173

e. Post-Bid/Pre-Award Checklist

Reference Section 00100 for Post-Bid/Pre-Award Checklist, key items to consider are:

- Evidence of Worker’s Compensation Insurance coverage; if self-insured agreement with TWC
- Employee leasing company evidence of Texas State License and copy of Worker’s Comp policy
- Financial Statements
- Qualifications Statement
- Qualifications of Key Personnel
- Updated Minority Certification and Participation Summary

f. Wage Rates

EPWater Staff and Engineer have determined that the following wage rates are applicable for this project:

- 2016 Paving & Street Construction, Dirt Work, Heavy Construction, Pipeline Work Highway

IV. Project Requirements [Engineer of Record]

a. Project Description

The project includes construction of the FOG Receiving Station, which consists of all piping, fittings, equipment, and connections necessary to receive pre-screened FOG material from LES, temporarily store and mix within the existing storage tank, and transfer to the facility’s sludge mixing well at a determinable rate. Work includes all necessary augmentation and modifications to boost the production of digester gas and optimize the performance of the existing cogeneration system. New equipment to be installed will include an offloading nozzle, rock trap with grinder, metering pumps, offloading pumps, carbon filter, control panel, and instruments shown in the drawings. New installations include stainless steel and PVC piping, electrical, I&C, water, and drainage connections. Site construction will include new foundation and concrete knee wall. Work will include modifications to the existing 18,000-gallon tank, tie-in to mixed sludge well and pumping station. Work will include all necessary equipment training and functional testing of all equipment and processes.

b. Project Location & Conditions

- i. Project is located at Haskell R. Street WWTP: 4100 Delta Dr., El Paso, TX 79905.
 - ii. Special project site considerations:
 - 1. Owner-Furnished Products: 18,000-gallon FRP Tank
 - 2. Connections to existing facilities: Will require coordination with Owner and Engineer ahead of the work.
- c. **Key Personnel**
 - i. Project Manager
 - ii. Superintendent
 - iii. OSHA Compliance Person
 - iv. System Integrator
- d. **Minimum General Project Requirements (Section 00100)**
 - i. The Bidder, or at least three key Personnel employed by the Bidder, must demonstrate successful completion of one project similar in nature and scope to this project within the past five years and one similar project with a value of at least 50% of the value bid for this project.
- e. **Minimum project specific requirements (Section 00100)**
 - i. The Bidder must demonstrate one (1) wastewater treatment plant project in the last five years where new equipment was installed while maintaining process operation.
 - ii. The Bidder or a qualified Subcontractor must demonstrate one (1) wastewater treatment plant project in the last five years where electrical upgrades were completed while maintaining process operation.
 - iii. The Bidder or a qualified Subcontractor must demonstrate one (1) wastewater treatment plant project in the last five years where programming upgrades were completed within the existing SCADA system.
- f. **Liquidated Damages**
 - Substantial Completion - \$2,690 per calendar day
 - Final Completion - \$1,660 per calendar day
- g. **Record Drawings, (ECDJC Article 7.11, Page 00 72 13-32 of 65)**
- h. **Traffic Control, (Section 01 55 13)**
- i. **SWPPP (Section 01 41 26)**
- j. **Testing Laboratory Services, (01 45 29.13);** Geotechnical Investigation Report was prepared by PSI on June 04, 2021. Report is available for review upon request to the EPWater Purchasing Department.
- k. **OSHA Requirements**
 - i. Section 01 35 23 Safety Requirements
 - ii. Section 01 35 29 Contractor's Health and Safety Plan
 - iii. Section 01 57 05 Temporary Controls
 - iv. Section 10 14 00 Signage
 - v. Section 26 05 53 Identification for Electrical Systems
 - vi. Section 31 20 00 Earth Moving (includes OSHA Regulations)
- l. **Construction Issues/Coordination Requirements (Section 01 14 16):**
 - i. Location and Protection of Existing Facilities

- ii. Connections to Existing Facilities
- iii. Shutdown plan
- iv. Startup, testing, commissioning

m. General Construction Checklist

- i. No construction will begin until the Engineer has received and approved the schedule.
- ii. A revised schedule will be submitted every two weeks at the biweekly meetings.
- iii. A normal working day shall be defined as Monday through Friday from 7:00 a.m. to 4:00 p.m. or 8:00 a.m. to 5:00 p.m. (see specification S.C.-7.03, page 00800-17)
- iv. The Contractor shall coordinate the project schedule with the Owner and Engineer 10 days prior starting the work. Additional days will not be granted for work related to meeting the requirements of these parties (G.C. 4.04 page 00 72 13 - 10 of 65).
- v. The Contractor shall maintain a full crews made up of at least five personnel at each street section. The five personnel shall be at a minimum the following: one (1) Foreman, one (1) Equipment Operator, and three (3) laborers.
- vi. Shop Drawings or Samples (G.C. 7.16, page 00 72 13 - 34 of 65):
 - 1. *Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.*
- vii. Open Excavations (31 20 00):
 - 1. *Contractor should complete an excavation plan, this includes all excavation, filling, grading and disposing of earth materials*
 - 2. *No open trenches will be allowed overnight for any reason, unless approved by Owner and Engineer.*
 - 3. *Protection of existing structures (01 71 33)*
- viii. Traffic Control (01 55 13)
 - 1. *CONTRACTOR shall maintain temporary roads and parking to continuously provide at the site access for construction vehicles and trucks, OWNER and facility manager vehicles, deliveries for OWNER and facility operators, emergency vehicles, and parking areas for OWNER's and facility manager's personnel.*
 - 2. *Unless otherwise shown or indicated in the Contract Documents, maintenance and protection of traffic shall be in accordance with City of El Paso requirements.*

n. Special Requirements

- i. SC-6.14.A.2 – Contractor shall designate a COVID-19 Safety Monitor who has the authority to enforce the provisions found in SC-6.22
- ii. SC-6.22 – Contractor shall implement exposure prevention, preparedness, and response plan for construction

o. Work Sequence or Phasing

- i. Complete all mandatory submittals from section 00100
- ii. Preliminary Work Schedule and Schedule of Values (01 29 73) and submittal register (01 33 00) ahead of Preconstruction meeting
- iii. Project Submittal approvals and expected lead times for equipment\specialty items (01 33 00)
- iv. Means and methods by contractors, however:
 - 1. Sequencing includes demolition, site preparation, trenching and underground work, concrete work, equipment aboveground piping/specialty fittings, heat tracing, and pump installation. Tie-ins and re-routing of existing sludge lines will require advance notice and shall be completed one at a time.
- v. Process controls (40 61 13)
- vi. Weekly progress meetings once construction commences

- vii. Minimum startup requirements (01 75 11)
 - viii. Testing (26 08 00), commissioning (01 91 00) - Haskell WWTP FOG Receiving Station System including, but not limited to, unloading nozzle, rock trap, grinder, mixing pumps, davit crane, carbon canister and flame arrester, and transfer pumps.
 - ix. Training (40 61 26)
 - x. O&M manuals
- p. Surveying**
- i. Site conditions are fully developed, a survey was completed as part of the design. Contractor encouraged to visit site prior to submitting their bid.
- q. Materials & Testing Services**
- i. Independent testing by Contractor (01 45 29.13), subgrade, compaction, concrete, asphalt, adhesive anchors
 - ii. Water leak testing (07 9200)
 - iii. Review technical specs prior submitting the bid, all field quality controls include testing. Testing plans are required for VFDs (26 29 23),
 - iv. Electrical acceptance testing (26 08 00)
 - v. 25, 100 and 150 Hydrostatic and Air testing underground and exposed (33 05 05, 40 05 05)
 - vi. Valve testing plan (40 05 53)
 - vii. Factory testing for motors and pumps (40 05 93)
- r. Extents of Construction**
- i. Contractor shall confine construction activities to the limits designated on the drawings.
- s. Working hours**
- ii. Work hours: 7 a.m. to 3:30 p.m., Monday thru Friday.
 - iii. Night Time, Weekend & Holiday work shall be requested in writing at least one week prior. Due to the nature of this project, additional inspection charges for work outside regular working hours shall be paid for by the Owner.
- t. Proposal Submission Requirements**
- Submit three(3) hard proposal copies (1 original proposal and 2 copies)
 - Submit one (1) electronic version on a jump drive in PDF format

V. General Questions/Comments [EPWater PM]

End of Pre-Proposal Meeting Agenda