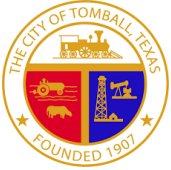


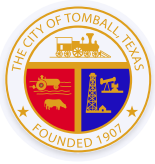
City of Tomball



Tomball South Wastewater Treatment Plant Expansion Project

Guaranteed Maximum Price (GMP) #1 Proposal

December 10, 2024



RECORD OF AMENDMENT				
Rev	Revision Description	Revision Date	Checker	Approver
0	GMP1 Proposal to City	12/10/24	T. Young	P. Bailey
1	Revision to Address Meeting Comments	01/06/25	T. Young	P. Bailey

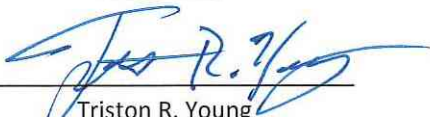
**CURRENT REVISION
APPROVAL TO ISSUE**

Revision Description
Final GMP1 Proposal

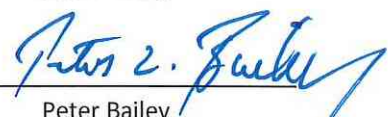
Date
January 06, 2024

This is to confirm that this Guaranteed Maximum Price Proposal has been prepared, reviewed, and approved in accordance with internal Quality procedures and directives.

Prepared By


Triston R. Young
Preconstruction Manager

Approved By


Peter Bailey
Project Executive

CITY OF TOMBALL APPROVAL

Approved By

David Esquivel
City Manager

PLW Waterworks, LLC

1725 Hughes Landing Blvd., Suite 1200 | The Woodlands, TX 77389

Cover Letter

December 10, 2024

Mr. Drew Huffman
Director of Public Works
City of Tomball

Re: South Wastewater Treatment Plant Expansion Project – GMP 1 Proposal

Dear Mr. Huffman:

PLW Waterworks is pleased to submit our Guaranteed Maximum Price #1 (GMP 1) Proposal for the initial phase of work to construct the referenced project.

GMP #1 includes the following major items:

- Procurement of switch gear and motor control systems.
- Procurement of Process Treatment Equipment.
- General conditions, bonds and insurance cost are included at the contractually established rate.
- CMAR Fee is included at the contractually established rate.

This GMP Proposal Includes:

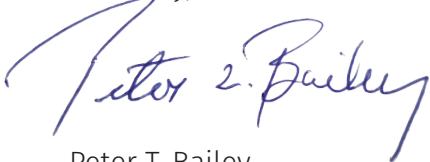
- Section 1 provides a full cost breakdown for all direct construction costs (Tier 1 purchase orders) and summary of all allowance items.
- Section 2 provides a schedule for the GMP 1 work activities.
- Section 3 provides a summary of all plans, specifications, assumptions, and clarifications.

The following GMP assumptions are noted for clarity:

- General conditions cost and fee will be billed on a cost incurred basis.
- All allowances have been clearly defined in this proposal. Any funds, included as allowances, which are not used will be tracked, and transferred to the project contingency for the overall project. All unused funds will be returned to the City at project completion.

Should you have any questions regarding this proposal, please feel free to contact me.

Sincerely,



Peter T. Bailey
Executive Vice President
PLW Waterworks



GUARANTEED MAXIMUM PRICE CONTENTS

Section 1: Cost

Exhibit A.1 – GMP Breakdown and Work Package Cost Summary

Exhibit A.2 – Cost Detail

* Work Package Documentation

Exhibit A.3 - Basis of Allowances

Section 2: Schedule

Exhibit B.1 – Schedule Summary

Section 3: Contract Documents

Exhibit C.1 – List of Plans

Exhibit C.2 – List of Specifications

Exhibit C.3 – Assumptions and Clarifications



Section 1: Cost

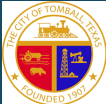


Exhibit A.1 GMP Breakdown and Work Package Cost Summary





City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Guaranteed Maximum Price 1 Proposal Cost Summary					
Purchase Phase	Bid Pkg	Description	PO / SA	Recommended Vendor	GMP Price
GMP 1	EWP1-01.01	Electrical Distribution Equipment	SA	Andrew Jordan Industrial	\$ 1,356,968.00
GMP 1	EWP1-01.03	Coarse Screens and Screening Washer Compactors	PO	Huber Technology	\$ 386,690.00
GMP 1	EWP1-01.04	Submersible Pumps	PO	Xylem-Flygt	\$ 524,754.00
GMP 1	EWP1-01.05	Fine Screens and Screening Washer Compactors	PO	Headworks	\$ 354,153.00
GMP 1	EWP1-01.06	Vortex Grit Removal Equipment	PO	Smith & Loveless	\$ 466,503.00
GMP 1	EWP1-01.07	Fine Bubble Disc Diffusers	PO	Stamford Scientific International, Inc	\$ 121,297.13
GMP 1	EWP1-01.08	Submersible Mixers	PO	Xylem-Flygt	\$ 130,411.00
GMP 1	EWP1-01.09	Aeration Basin Blowers	PO	Atlas-Copco	\$ 617,000.00
GMP 1	EWP1-01.10	Final Clarifiers Equipment	PO	WesTech	\$ 588,922.22
GMP 1	EWP1-01.11	Scum Pumps	PO	Vaughan	\$ 139,950.00
GMP 1	EWP1-01.12	RAS and WAS Pumps	PO	Boerger	\$ 170,000.00
GMP 1	EWP1-01.14	Automatic Backwash Disk Filters	PO	Evoqua	\$ 808,308.00
GMP 1	EWP1-01.15	UV System	PO	Wedeco	\$ 381,900.00
GMP 1	EWP1-01.16	Rotatory Drum Thickeners	PO	Parkson	\$ 368,886.00
GMP 1	EWP1-01.18	Digested Sludge Pumps	PO	Netzsch	\$ 22,117.00
GMP 1	EWP1-01.19	Digester Blowers	PO	Atlas-Copco	\$ 79,200.00
GMP 1	EWP1-01.20	Centrifuge	PO	Andritz	\$ 349,500.00
GMP 1	EWP1-01.22	Slide Gates	PO	RW Gate	\$ 218,799.00
GMP 1	Allowance 1	GMP1 Allowance	AL		\$ 503,818.00
SUBTOTAL COST OF WORK					\$ 7,589,176.35
CONTRACTOR FEES					
		General Conditions Fee	9.85%		\$ 747,533.87
		CMAR Fee	9.75%		\$ 739,944.69
		CMAR Contingency	3.00%		\$ 227,675.29
GMP1 TOTAL					\$ 9,304,330.21

Exhibit A.2 Cost Detail



EWP1-01.01 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Electrical Distribution Equipment | EWP1-01.01

PLW Project #: P5R

Enclosed is a recommendation for the selection of a subcontractor to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Electrical Distribution Equipment | EWP#-01.01

PLW Project #: P5R

Recommended Bidder: Andrew-Jordan Industrial

Ten (10) companies were solicited to bid this scope of work to furnish all Electrical Distribution Equipment material, equipment and accessories required.

Only one (1) company fully submitted a bid on time.

Bidder 1: Andrew-Jordan Industrial

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Andrew-Jordan Industrial based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Andrew-Jordan Industrial for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project
 Bid Package EWP1_01.01 - ELECTRICAL DISTRIBUTION EQUIPMENT | Spec. Sec. 26 24 13, 26 24 16.01, 26 24 19, AND 26 29 23.11

Bid Tabulation		ANDREW JORDAN, INC										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	QTY	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	\$ 20,000.00	\$ 20,000.00								
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 61,470.00	\$ 61,470.00								
Division 26 - Switchboards	1	LS	\$ 307,350.00	\$ 307,350.00								
Division 26 - Distribution Panelboards	3	EA	\$ 10,245.00	\$ 30,735.00								
Division 26 - Low Voltage Motor Centers (MCCs)	3	EA	\$ 133,185.00	\$ 399,555.00								
Division 26 - Industrial Control Panels	1	LS	\$ 153,675.00	\$ 153,675.00								
Division 26 - Variable Frequency Drives - for Submersible Pumps (44 42 56.04)	6	EA	\$ 25,612.00	\$ 153,672.00								
Division 26 - Variable Frequency Drives - for Multi-Stage Centrifugal Blowers (43 11 17)	4	EA	\$ 49,944.00	\$ 199,776.00								
Division 26 - Variable Frequency Drives - for Progressing Cavity Pumps (44 42 56.13)	1	EA	\$ 30,735.00	\$ 30,735.00								
Division 26 - Variable Frequency Drives - for RAS/WAS pumps (44 42 56.14)	8	EA	\$ 24,972.00	\$ 199,776.00								
Bonds	1	LS		\$ -								
Taxes (non-permanent material)	1	LS		\$ -								
Total: Base Bid				\$1,556,744.00		\$0.00		\$0.00		\$0.00		\$0.00
Normalization				\$ (199,776.00)		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$1,356,968.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				-		0.00%		0.00%		0.00%		0.00%
Schedule												
Switchboard Submittal Development (from date of PO Execution):		WK		10 wks								
Switchboard Fabrication & Delivery (from Approval of Submittals):		WK		50 wks								
Distribution Panelboards Submittal Development (from date of PO Execution):		WK		4 wks								
Distribution Panelboards Fabrication & Delivery (from Approval of Submittals):		WK		30 wks								
MCCs Submittal Development (from date of PO Execution):		WK		10 wks								
MCCs Fabrication & Delivery (from Approval of Submittals):		WK		50 wks								
Industrial Control Panels Submittal Development (from date of PO Execution):		WK		8 wks								
Industrial Control Panels Fabrication & Delivery (from Approval of Submittals):		WK		35 wks								
VFDs Submittal Development (from date of PO Execution):		WK		10 wks								
VFDs Fabrication & Delivery (from Approval of Submittals):		WK		40 wks								
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y							Y	
% MWBE Participation		%		0%								
Qualification Forms Submitted		Y/N		Y							Y	
Acknowledge Receipt of Addenda		Y/N		Y							Y	
Technical Proposal												
Scope of Work		Y/N		Y							Y	
Compliance with Specifications		Y/N		N							N	
Project Experience		Y/N		Y							Y	
Safety		Y/N		Y							Y	
Bid Bond		N/A		Y							Y	

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	ANDREW JORDAN, INC	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	50%	50.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Technical Proposal - Safety	10%	5.00				
Technical Proposal - Experience and Qualifications	30%	30.00				
Compliance with Proposal Terms and Conditions (See list above)	10%	10.00				
Total Points	100%	95.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	ANDREW JORDAN, INC
Contract Value:	\$1,356,968.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	<i>Murali Erat</i> 12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Bidder 4	Notes
1	Removal of Multistage Blower VFDs	\$ (199,776.00)	\$ -	\$ -	\$ -	VFDs are supplied by blower manufacturer
2		\$ -	\$ -	\$ -	\$ -	
3		\$ -	\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	\$ -	
	TOTAL	\$ (199,776.00)	\$ -	\$ -	\$ -	

Andrew Jordan Industrial



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/19/2024

PACKAGE NO.: EWP1-01.01
 PACKAGE DESCRIPTION: ELECTRICAL DISTRIBUTION EQUIPMENT
 PROPOSER'S COMPANY NAME: Andre-Jordan Industrial LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One Million Five Hundred and Fifty Six Thousand Seven Hundred and Forty Four Dollars
 In Figures: \$ \$1,556,744

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 20,000.00	\$ 20,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 61,470.00	\$ 61,470.00
3	Division 26 - Switchboards	1	EA	\$ 307,350.00	\$ 307,350.00
4	Division 26 - Distribution Panelboards	3	EA	\$ 10,245.00	\$ 30,735.00
5	Division 26 - Low Voltage Motor Centers (MCCs)	3	EA	\$ 133,185.00	\$ 399,555.00
6	Division 26 - Industrial Control Panels	1	LS	\$ 153,675.00	\$ 153,675.00
7	Division 26 - Variable Frequency Drives - for Submersible Pumps (44 42 56.04)	6	EA	\$ 25,612.00	\$ 153,672.00
8	Division 26 - Variable Frequency Drives - for Multi-Stage Centrifugal Blowers (43 11 17)	4	EA	\$ 49,944.00	\$ 199,776.00
9	Division 26 - Variable Frequency Drives - for Progressing Cavity Pumps (44 42 56.13)	1	EA	\$ 30,735.00	\$ 30,735.00
10	Division 26 - Variable Frequency Drives - for RAS/WAS pumps (44 42 56.14)	8	EA	\$ 24,972.00	\$ 199,776.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 1,556,744.00
11	Bonds				\$ -
12	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 1,556,744.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
PHASE II - IV FEE PROPOSAL TOTAL					
1	Preconstruction Services Fee	1	LS	\$ -	-
2	Construction Phase Fee				0%
3	Construction Phase General Conditions Fee				0%
DEFINED & PROPOSED ALTERNATES					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Supplier Equipment Storage	1	LS	\$ 42,000.00	\$ 42,000.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/19/2024

SECTION 3 - SCHEDULE

Identify the duration of the following schedule activities:

	Duration	Wks/Days
Switchboard Submittal Development (from date of PO Execution):	10	Wks
Switchboard Fabrication & Delivery (from Approval of Submittals):	50	Wks
Distribution Panelboards Submittal Development (from date of PO Execution):	4	Wks
Distribution Panelboards Fabrication & Delivery (from Approval of Submittals):	30	Wks
MCCs Submittal Development (from date of PO Execution):	10	Wks
MCCs Fabrication & Delivery (from Approval of Submittals):	50	Wks
Industrial Control Panels Submittal Development (from date of PO Execution):	8	Wks
Industrial Control Panels Fabrication & Delivery (from Approval of Submittals):	35	Wks
VFDs Submittal Development (from date of PO Execution):	10	WKS
VFDs Fabrication & Delivery (from Approval of Submittals):	40	Wks

SECTION 4 - ADDENDA & BID CLARIFICATIONS

Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:

	Initial	Date
Addendum No. 1. dated 10/22/2024		
Addendum No. 2 dated 11/06/2024		
Addendum No. 3 dated 11/12/2024		
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1 001 dated 11/01/2024		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/19/2024

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Andre-Jordan Industrial LLC
 Contact Name and Title: Mike Doran Vice President
 Contact Phone Number: Office: 832-243-6888 Cell:281-948-5901
 Signature: *Mike Doran*

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	50 Points
Technical Proposal	
Safety (EMR & TRIR) <i>(Provide your current Workers Compensation Experience Rating (EMR) and current Total Recordable</i>	10 Points
Experience and Qualifications <i>(Provide Subcontractor Information Form, Scope of Work and Schedule)</i>	30 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's</i>	10 Points
TOTAL	100 Points

EWP1-01.03 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Coarse Screens and Screening Washer Compactors | EWP1-01.03
PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Coarse Screens and Screening Washer Compactors | EWP1-01.03
PLW Project #: P5R

Recommended Bidder: Huber Technology, Inc

Nine (9) companies were solicited to bid this scope of work to furnish all Coarse Screens and Screening Washer Compactors material, equipment and accessories required.

Three (3) companies fully submitted a bid on time.

Bidder 1: Huber Technology

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Headworks

This bidder was second lowest in cost, however, based on compliance with proposal terms and conditions and experience and qualifications, scored third on considered tabulation.

Bidder 3: Vulcan Industries

This bidder was the highest price, however, based on compliance with proposal terms and conditions and experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Huber Technology based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Huber Technology for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.03 - COARSE SCREENS AND SCREENING WASHER COMPACTORS | Spec. Sec. 46 21 13, 46 21 73

Bid Tabulation			Huber Technology, Inc			Headworks, Inc.			Vulcan Industries			
			Environmental Improvements Inc.				HRM Environmental					
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	26,501.00	\$ 26,501.00	Included		\$ 22,000.00	\$ 22,000.00		-		-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	12,250.00	\$ 12,250.00	Included		\$ 58,000.00	\$ 58,000.00		-		-
Division 46 - Chain-and-Rake Bar Screens	2	EA	202,804.27	\$ 413,555.48	\$ 242,719.50	\$ 485,439.00	\$ 232,500.00	\$ 465,000.00		-		-
Division 46 - Screen Washing and Compacting Equipment	2	EA	70,405.23	\$ 148,201.52		-	\$ 74,000.00	\$ 148,000.00		-		-
Division 46 - Screen Washing and Compacting Equipment - Transpactor	1	EA		-	\$ 63,698.00	\$ 63,698.00		-		-		-
Division 46 - Screen Washing and Compacting Equipment - Screwactor	1	EA			\$ 62,323.00	\$ 62,323.00				-		-
Taxes (non-permanent material)				-		-		-		-		-
Total: Base Bid				\$ 600,508.00		\$ 611,460.00		\$ 693,000.00		-		-
Normalization				\$ 10,000.00		\$ 74,139.00		-		-		-
Total: Base Bid + Normalization				\$ 610,508.00		\$ 685,599.00		\$ 693,000.00		\$ 0.00		\$ 0.00
Removal of Second Screening Unit	1	EA	(223,818.00)	\$ (223,818.00)		\$ (286,853.00)	\$ (215,000.00)	\$ (215,000.00)		-		-
Removal of Second Washpress	1	LS		Included above		Included above	\$ (60,000.00)	\$ (60,000.00)		-		-
Total: Base Bid + Alternates				\$ 386,690.00		\$ 398,746.00		\$ 418,000.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		12.30%		13.51%		0.00%		0.00%
Chain-and-bar screens Submittal Development (from date of PO Execution):		WK		4 - 6 wks		3 - 4 wks		14 wks				
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):		WK		22 - 30 wks		16 - 20 wks		50 wks				
Screening Washing and Compacting Submittal Development (from date of PO Execution):		WK		4 - 6 wks		3 - 4 wks		14 wks				
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):		WK		22 - 30 wks		16 - 20 wks		50 wks				
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y		N		Y				
% MWBE Participation		%		0%		100%		0%				
Qualification Forms Submitted		Y/N		N		Y		Y				
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y				
Acknowledge Receipt of Bid Clarifications		Y/N		N		Y		Y				

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Huber Technology, Inc	Headworks, Inc.	Vulcan Industries	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	62.33	61.67	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	12.00	10.00	15.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00	15.00		
Total Points	100%	92.00	82.33	91.67	#DIV/0!	#DIV/0!

Date of Recommendation:	12/10/24
Recommended Vendor	Huber Technology, Inc
Contract Value:	\$386,690.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Notes
1	Division 40 - Control Panel Testing Requirements	\$ -	\$ 65,858.00	\$ -	
2	Division 26 - Three Year VFD Warranty	\$ 10,000.00	\$ 8,281.00	\$ -	
3		\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	
11	TOTAL	\$ 10,000.00	\$ 74,139.00	\$ -	

Huber Technology, Inc



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/10/2024

PACKAGE NO.: EW P1-01.03

PACKAGE DESCRIPTION: COARSE SCREENS AND SCREENING WASHER COMPACTORS

PROPOSER'S COMPANY NAME: HUBER Technology, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Six Hundred Thousand Five Hundred and Eight Dollars
 In Figures: \$ 600,508

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 26,501.00	\$ 26,501.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 12,250.00	\$ 12,250.00
3	Division 46 - Chain-and-rake bar screens	2	EA	\$ 206,777.74	\$ 413,555.48
4	Division 46 - Screening Washing and Compacting Equipment	2	EA	\$ 74,100.76	\$ 148,201.52
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 600,508.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 600,508.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Screening Unit	1	EA	\$ 376,690.00	\$ 376,690.00
2			LS	\$ -	\$ -
3			LS	\$ -	\$ -
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Chain-and-bar screens Submittal Development (from date of PO Execution):	<u>4-6 Wks</u>
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):	<u>22-30 Wks</u>
Screening Washing and Compacting Submittal Development (from date of PO Execution):	<u>4-6 Wks</u>
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	<u>22-30 Wks</u>



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/26/2024

SECTION 4 - ADDENDA & BID CLARIFICATIONS

Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:

	Initial	Date
Addendum No. 1	EG	10/22/2024
Addendum No. 2	EG	11/6/2024
Addendum No. 3	EG	11/4/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 46 21 13-2.01-A.: HUBER will provide an upper and lower sprocket made of 304L stainless steel.
- 2 46 21 13-2.02-C.: Routine maintenance can be performed on the operation floor. However, special lower sprocket, bearing, and chain tension measuring maintenance must be completed on the channel floor.
- 3 46 21 13-2.04-C.: HUBER will provide rake supports of minimum 5/32 inch thick.
- 4 46 21 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to 24,000 lbs. HUBER will provide the initial chain maximum load of 56,000 lbs.
- 5 46 21 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk with installation services for replacement, all covered under a five (5) year warranty for the lower bearing, as specified.
- 6 46 21 13-2.05-E.: HUBER will provide a motor service factor of 1.0.
- 7 46 21 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed due to situations outside of the control of the manufacturer, such as the presence of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable of producing flows suitable for testing within 2 weeks of the beginning of testing, HUBER warranty shall commence regardless of the completion of testing.
- 8 HUBER will provide TNEMEC motor and gear coating for the screens and washing compactors.
- 9 46 21 73-2.02-C.: HUBER will provide brass bodied solenoid valves.
- 10 46 21 73-2.05-B.: HUBER will provide as the Coarse Screen Compactor.
- 11 46 21 73-2.06-A.: HUBER will provide as the Coarse Screen Compactor.
- 12 46 21 73-2.07-C.: HUBER will provide as the Coarse Screen Compactor.
- 13 Protection pillars placed in front of the washing compactor discharge pipe supports shall be provided by others.
- 14 The quoted price is only valid with the purchase of the combined screens and WAPs. If required, HUBER can supply individual quotes.



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/26/2024

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a [Request for Modifications/Sample Subcontract Markup](#) to this bid.

Company Name: HUBER Technology, Inc.
 Contact Name and Title Johan van Ettekovon, Regional Sales Director - Central
 Contact Phone Number: (704) 990-2442
 Signature _____

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Headworks, Inc.



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

12/2/2024

PACKAGE NO.: EWP1-01.03

PACKAGE DESCRIPTION: COARSE SCREENS AND SCREENING WASHER COMPACTORS

PROPOSER'S COMPANY NAME: Headworks Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Six Hundred Eleven Thousand Four Hundred Sixty
In Figures: \$ 611,460.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 46 - Chain-and-rake bar screens	2	EA	\$ 242,719.50	\$ 485,439.00
4	Division 46 - Screening Washing and Compacting Equipment - Transpactor	1	EA	\$ 63,698.00	\$ 63,698.00
5	Division 46 - Screening Washing and Compacting Equipment - Screwpactor	1	EA	\$ 62,323.00	\$ 62,323.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 611,460.00
5	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 611,460.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Division 40 - (Adder) Control Panel Testing Requirements	1	LS	\$ 65,858.00	\$ 65,858.00
2	Division 26 - (Adder) Three Year VFD Warranty	1	LS	\$ 8,281.00	\$ 8,281.00
3	(Deduct) Second Screening Unit (CS-CRS-02) & Washer Compactor (WC-CRS-02) (Transpactor)	1	LS	\$ 286,853.00	\$ 286,853.00
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Chain-and-bar screens Submittal Development (from date of PO Execution):	<u>3-4 Weeks</u>
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):	<u>16-20 Weeks</u>
Screening Washing and Compacting Submittal Development (from date of PO Execution):	<u>3-4 Weeks</u>
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	<u>16-20 Weeks</u>



Request For Proposal
Bid Form - Suppliers
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

12/2/2024

SECTION 4 - ADDENDA & BID CLARIFICATIONS

Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	BC	11/7/24
Addendum No. 2	BC	11/7/24
Addendum No. 3	BC	11/12/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	BC	11/14/24
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

[Please see Notes and Clarifications under the Headworks Scope of Supply.](#)



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/2/2024

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

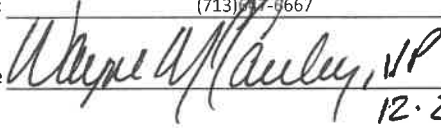
PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

No. Please see our standard Terms and Conditions under our Scope of Supply.

Company Name: Headworks Inc.
 Contact Name and Title: Wayne McCauley - VP, Senior Product Manager Mechanical Equipment
 Contact Phone Number: (713) 471-0667

Signature:  12.2.24

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Vulcan Industries



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/19/2024

PACKAGE NO.: EW P1-01.03

PACKAGE DESCRIPTION: COARSE SCREENS AND SCREENING WASHER COMPACTORS

PROPOSER'S COMPANY NAME: Vulcan Industries

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words:	Six Hundred Ninety three thousand dollars
In Figures: \$	693,000.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 22,000.00	\$ 22,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 58,000.00	\$ 58,000.00
3	Division 46 - Chain-and-rake bar screens	2	EA	\$ 232,500.00	\$ 465,000.00
4	Division 46 - Screening Washing and Compacting Equipment	2	EA	\$ 74,000.00	\$ 148,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 693,000.00
5	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 693,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Screening Unit	1	EA	\$ 215,000.00	\$ 215,000.00
2	Removal of second washpress		LS	\$ 60,000.00	\$ 60,000.00
3			LS	\$ -	\$ -
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Chain-and-bar screens Submittal Development (from date of PO Execution):	<u>98 days</u>
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):	<u>350 days</u>
Screening Washing and Compacting Submittal Development (from date of PO Execution):	<u>98 days</u>
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	<u>350 days</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	tm	#####
Addendum No. 2	tm	11/7/2024
Addendum No. 3	tm	#####
Addendum No. 4		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/19/2024

Addendum No. 5
 Addendum No. 6

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	tm	#####
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1
- 2
- 3
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- 15

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.


The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

yes

If NO: Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Vulcan Industries
 Contact Name and Title: Tim A. Miller
 Contact Phone Number: 612-345-2150
 Signature: 

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost	70 Points
<i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	



Request For Proposal

11/19/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.04 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Submersible Pumps Equipment | EWP1-01.04

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Submersible Pumps Equipment | EWP1-01.04

PLW Project #: P5R

Recommended Bidder: Hahn Equipment Co, Inc. (Xylem-Flygt)

Eleven (11) companies were solicited to bid this scope of work to furnish all Submersible Pumps material, equipment and accessories required.

Only one (1) company fully submitted a bid on time.

Bidder 1: Hahn Equipment Co, Inc. (Xylem-Flygt)

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Hahn Equipment Co, Inc. (Xylem-Flygt) based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Hahn Equipment Co, Inc. (Xylem-Flygt) for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.04 - SUBMERSIBLE PUMPS | Spec. Sec. 44 42 56.04

Bid Tabulation		Xylem-Flygt Hahn Equipment Co, Inc.										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	-	\$ -		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	2,234.00	\$ 2,234.00		\$ -		\$ -		\$ -		\$ -
Division 8 - Access Doors (SP-ILS-01 to 04)	4	EA	2,750.00	\$ 11,000.00								
Division 8 - Access Doors (SP-ILS-05 and 06)	2	EA	2,750.00	\$ 5,500.00								
Division 44 - Solids Handling Submersible Pumps and Motors (SP-ILS-01 to 04)	4	EA	64,000.00	\$ 256,000.00								
Division 44 - Solids Handling Submersible Pumps and Motors (SP-ILS-05 and 06)	2	EA	125,000.00	\$ 250,000.00		\$ -		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 524,734.00		\$ -		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 524,734.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
Total: Base Bid + Alternates				\$ 524,734.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Access Doors Submittal Development (from date of PO Execution):		WK		2 wks								
Access Doors Fabrication & Delivery (from Approval of Submittals):		WK		5 wks								
Submersible Pumps Submittal Development (from date of PO Execution):		WK		6 wks								
Submersible Pumps Fabrication & Delivery (from Approval of Submittals):		WK		16 wks								
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y								
% MWBE Participation		%		0%								
Qualification Forms Submitted		Y/N		Y								
Acknowledge Receipt of Addenda		Y/N		Y								
Acknowledge Receipt of Bid Clarifications		Y/N		Y								

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Xylem-Flygt	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score		70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications		15.00				
Compliance with Proposal Terms and Conditions (See list above)		15.00				
Total Points		100.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

EA

Date of Recommendation:	12/06/24
Recommended Vendor	Xylem-Flygt
Contract Value:	\$524,734.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Xylem Flygt/ Hahn Equipment



**Request For Proposal
Bid Form - Suppliers**

12/11/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWPP1-01.04
 PACKAGE DESCRIPTION: SUBMERSIBLE PUMPS
 PROPOSER'S COMPANY NAME: Hahn Equipment Co., Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Five Hundred Twenty-Four Thousand Seven Hundred Fifty-Four.
 In Figures: \$ \$524,754.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 2,254.00	\$ 2,254.00
3	Division 8 - Access Doors (SP-ILS-01 to 04)	4	EA	\$ 2,750.00	\$ 11,000.00
4	Division 8 - Access Doors (SP-ILS-05 and 06)	2	EA	\$ 2,750.00	\$ 5,500.00
5	Division 44 - Solids Handling Submersible Pumps and Motors (SP-ILS-01 to 04)	4	EA	\$ 64,000.00	\$ 256,000.00
6	Division 44 - Solids Handling Submersible Pumps and Motors (SP-ILS-05 and 06)	2	EA	\$ 125,000.00	\$ 250,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL				\$	\$ 524,754.00
7	Taxes (non-permanent material)			\$	\$ -
TOTAL BASE PROPOSAL PRICE				\$	\$ 524,754.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE					
Identify the duration of the following schedule activities:			Duration Wks/Days		
Access Doors Submittal Development (from date of PO Execution):			<u>2</u> Wks		
Access Doors Fabrication & Delivery (from Approval of Submittals):			<u>5</u> Wks		
Submersible Pumps Submittal Development (from date of PO Execution):			<u>4</u> Wks		
Submersible Pumps Fabrication & Delivery (from Approval of Submittals):			<u>16</u> Wks		
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:			Initial	Date	
Addendum No. 1			AW	10/22/2024	
Addendum No. 2			AW	11/6/2024	
Addendum No. 3			AW	11/12/2024	
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

12/11/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	AW	11/12/2024
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	1.01, B- Lifting hoist to be provided by others
2	1.04, D, Qty (4) NP-3171-095 Pump Tags (SP-ILS-01, SP-ILS-02, SP-ILS-03, SP-ILS-04) for Tomball EWP LS can meet 2B acceptance at 1,160 @59' TDH. pump will not meet 1U acceptance.
3	1.04, D, Qty (4) NP-3301.095- Pump Tags (SP-ILS-05, SP-ILS-06,) for Tomball EWP LS can meet 1B acceptance at 3,270 @75' TDH. pump will not meet 1U acceptance.
4	1.05, A controls being provided by others
5	1.05, A,1,f,1,b,c- these items are not available for submittal
6	1.05, A, 1,f,5- not available
7	1.05, A,1,f,9- not available
8	1.05, A,1,f,12- not available
9	1.05, A,1,f,14- not available. Pump and motor one unit
10	1.05, A,1,f,15- not available
11	1.05, A,1,f,16- not available
12	1.05, A,1,f,17- not available
13	1.05, A,1,f,23- not available
14	1.05, A,1,f,24- not available
15	2.01, B- Exception taken to non-sparking guide assembly. Standard sliding bracket will be used as a non-sparking option does not exist.
16	2.02, C, pump shaft is ASTM A479 S43100-T
17	2.03, C- NEC letter code for N3171 is G.
18	2.03, C- NEC letter code for 3301 is H.
19	2.03, H- cooling jacket is self-contained and does not have provisions for external cooling and flushing
20	2.03, J-Kellum grips by others.
21	2.06, A- need more definition of what is wanted here. The pump comes with a standard lifting handle.
22	2.06, C- Grip eye assembly not available on these pumps. A full length of either chain or lifting cable will be supplied for all pumps.
23	2.08, B- slide bracket and pump body are both cast iron. Exception taken to bronze requirement
24	2.11- controls not included and provided by others

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

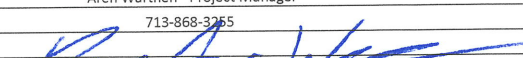
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

AW

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Hahn Equipment Co., Inc.
 Contact Name and Title: Aren Warthen - Project Manager
 Contact Phone Number: 713-868-3255
 Signature: 

Bid Evaluation Criteria: Description	Weighting Value
Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.05 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Fine Screens and Screening Washer Compactors | EWP1-01.05

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Fine Screens and Screening Washer Compactors | EWP1-01.05
PLW Project #: P5R

Recommended Bidder: Headworks, Inc.

Nine (9) companies were solicited to bid this scope of work to furnish all Fine Screens and Screening Washer Compactors material, equipment and accessories required.

One (1) company fully submitted a bid on time.

Bidder 1: Headworks, Inc

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Headworks, Inc. based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Headworks, Inc. for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.05 - FINE SCREENS | Spec. Sec. 46 21 53, 46 21 73

Bid Tabulation												
Headworks, Inc.												
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		Included		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS		Included		\$ -		\$ -		\$ -		\$ -
Division 46 - Perforated Plate Screens	1	EA	281,317.00	\$ 281,317.00		\$ -		\$ -		\$ -		\$ -
Division 46 - Screening Washing and Compacting Equipment	1	EA	68,667.00	\$ 68,667.00		\$ -		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 349,984.00		\$ -		\$ -		\$ -		\$ -
Normalization				\$ 4,169.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 354,153.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$354,153.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Perforated Plate Screens Submittal Development (from date of PO Execution):		WK		3 - 4 wks								
Perforated Plate Screens Fabrication & Delivery (from Approval of Submittals):		WK		16 - 20 wks								
Screening Washing and Compacting Submittal Development (from date of PO Execution):		WK		3 - 4 wks								
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):		WK		16 - 20 wks								
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N								
% DBE Participation		%		100%								
Qualification Forms Submitted		Y/N		Y								
Acknowledge Receipt of Addenda		Y/N		Y								

Ranking Tabulation						
Bid Item	Weight	1	2	3	4	5
		Headworks, Inc.	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00				
Compliance with Proposal Terms and Conditions (See list above)	15%	5.00				
Total Points	100%	90.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Headworks, Inc.
Contract Value:	\$354,153.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	 12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Notes
1	3-year warranty on the VFDs	\$ 4,169.00	\$ -	\$ -	
2		\$ -	\$ -	\$ -	
3		\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	
11	TOTAL	\$ 4,169.00	\$ -	\$ -	

Headworks



**Request For Proposal
Bid Form - Suppliers**

11/26/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW P1-01.05

PACKAGE DESCRIPTION: FINE SCREENS AND SCREENING WASHER COMPACTORS

PROPOSER'S COMPANY NAME: Headworks Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Three-Hundred and Forty-Nine Thousand, Nine-Hundred and Eighty-Four
In Figures: \$ 349,984.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 46 - Perforated Plate Screens	1	EA	\$ 281,317.00	\$ 281,317.00
4	Division 46 - Screening Washing and Compacting Equipment	1	EA	\$ 68,667.00	\$ 68,667.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 349,984.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 349,984.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	(Adder) 3 Year Warranty for VFD	1	LS	\$ 4,169.00	\$ 4,169.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Perforated Plate Screens Submittal Development (from date of PO Execution):	<u>3-4 Weeks</u>
Perforated Plate Screens Fabrication & Delivery (from Approval of Submittals):	<u>16-20 Weeks</u>
Screening Washing and Compacting Submittal Development (from date of PO Execution):	<u>3-4 Weeks</u>
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	<u>16-20 Weeks</u>



Request For Proposal
Bid Form - Suppliers
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/26/2024

SECTION 4 - ADDENDA & BID CLARIFICATIONS

Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:

	Initial	Date
Addendum No. 1	BC	11/7/24
Addendum No. 2	BC	11/7/24
Addendum No. 3	BC	11/12/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	BC	11/14/24
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

Please see Notes and Clarifications under the Headworks Scope of Supply.



**Request For Proposal
Bid Form - Suppliers**

11/26/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

No. Please see our standard Terms and Conditions under our Scope of Supply.

Company Name: Headworks Inc.
Contact Name and Title: Wayne McCauley - VP, Senior Product Manager Mechanical Equipment
Contact Phone Number: (713) 541-6667

Signature: *Wayne McCauley, VP 11-26-24*

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.06 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Vortex Grit Removal System Equipment | EWP1-01.06

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Vortex Grit Removal System Equipment | EWP1-01.06

PLW Project #: P5R

Recommended Bidder: Smith & Loveless

Eight (8) companies were solicited to bid this scope of work to furnish all Vortex Grit Removal System material, equipment and accessories required.

Only one (1) company fully submitted a bid on time.

Bidder 1: Smith & Loveless

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Smith & Loveless based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Smith & Loveless for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.06 - VORTEX GRIT REMOVAL EQUIPMENT | Spec. Sec. 46 23 23

Bid Tabulation												
Smith & Loveless, Inc.												
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	Included in Item #3	Included in Item #3		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	10,300.00	\$ 10,300.00		\$ -		\$ -		\$ -		\$ -
Division 46 - Vortex Grit Removal Equipment	1	LS	456,203.00	\$ 456,203.00		\$ -		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 466,503.00		\$ -		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 466,503.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 466,503.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Vortex Grit Removal Equipment Submittal Development (from date of PO Execution):		WK		8 - 12 wks								
Vortex Grit Removal Equipment Fabrication & Delivery (from Approval of Submittals):		WK		32 - 34 wks								
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N								
% MWBE Participation		%		0%								
Qualification Forms Submitted		Y/N		Y								
Acknowledge Receipt of Addenda		Y/N		Y								

Ranking Tabulation						
Bid Item	Weight	1	2	3	4	5
		Smith & Loveless, Inc.	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00				
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00				
Total Points	100%	95.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Smith & Loveless, Inc.
Contract Value:	\$466,503.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	<i>Murali Erat</i> 12/20/24
City of Tomball David Esquivel	

Smith & Loveless



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/25/2024

PACKAGE NO.: EWP1-01.06
PACKAGE DESCRIPTION: VORTEX GRIT REMOVAL EQUIPMENT
PROPOSER'S COMPANY NAME: Smith & Loveless, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

SEE S&L SALES AGREEMENT FOR ADDITIONAL DETAILS AND EXCEPTIONS

TOTAL BASE PROPOSAL PRICE:

In Words: Four Hundred Sixty-Six Thousand Five Hundred Three
 In Figures: \$ 466,503.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	Included Below on Item #3	
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 10,300.00	\$ 10,300.00
3	Division 46 - Vortex Grit Removal Equipment	1	LS	\$ 456,203.00	\$ 456,203.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 466,503.00
4	Taxes (non-permanent material) - EXCLUDED PER SCOPE SUMMARY				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 466,503.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Vortex Grit Removal Equipment Submittal Development (from date of PO Execution):	<u>8-12</u>	Weeks
Vortex Grit Removal Equipment Fabrication & Delivery (from Approval of Submittals):	<u>32-34</u>	Weeks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	RTA	10/22/24
Addendum No. 2	RTA	11/6/24
Addendum No. 3	RTA	11/12/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/25/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 SEE S&L SALES AGREEMENT FOR ADDITIONAL DETAILS AND EXCEPTIONS
- 2
- 3
- 4
- 5
- 6
- 7
- 8

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS


This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

No See S&L Sales Agreement for Additional Details and Exceptions

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Smith & Loveless, Inc.
 Contact Name and Title Ryan Asbury, Manager, Municipal Treatment Systems
 Contact Phone Number: 913-888-5201 x469
 Signature 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.07 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Fine Bubble Disc Diffusers | EWP1-01.07

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Fine Bubble Disc Diffusers | EWP1-01.07

PLW Project #: P5R

Recommended Bidder: Stamford Scientific International, Inc.

Eight (8) companies were solicited to bid this scope of work to furnish all Fine Bubble Disc Diffusers material, equipment and accessories required.

Four (4) companies fully submitted a bid on time.

Bidder 1: Stamford Scientific International, Inc.

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Xylem Water Solutions

This bidder was the highest price, and based on compliance with proposal terms and conditions and experience and qualifications, scored fourth on considered tabulation.

Bidder 3: Aquarius Technologies

This bidder was second lowest in cost, however, based on compliance with proposal terms and conditions and experience and qualifications, scored third on considered tabulation.

Bidder 4: Environmental Dynamics International (FlexAir)

This bidder was the third lowest price, however, based on compliance with proposal terms and conditions and experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Stamford Scientific International, Inc. based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Stamford Scientific International, Inc. for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.07 - FINE BUBBLE DISC DIFFUSERS | Spec. Sec. 46 51 33

Bid Tabulation			Stamford Scientific Inter. Inc.	Xylem Water Solutions	Aquarius Technologies			FlexAir				
				Environmental Improvements Inc.		Environmental Dynamics Int.						
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -	\$ 220,500.00	\$ 220,500.00	N/A	N/A	Included	Included	-	\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 13,650.00	\$ 13,650.00	Included	Included	\$ 45,833.00	\$ 45,833.00	Included	Included	-	\$ -
Division 46 - Membrane Disc Diffusers (Zone 1, 2 and 3)	3	EA	\$ 33,504.00	\$ 100,512.00	Included	Included	\$ 35,955.67	\$ 107,867.01	-	\$ 121,000.00	-	\$ -
Taxes (non-permanent material)	1	LS	\$ 7,135.13	\$ 7,135.13		\$ -		\$ -		\$ -	-	\$ -
Total: Base Bid				\$ 121,297.13		\$ 220,500.00		\$ 153,700.01		\$ 121,000.00		\$ -
Normalization				\$ -		\$ -		\$ -		\$ 36,500.00		\$ -
Total: Base Bid + Normalization				\$ 121,297.13		\$ 220,500.00		\$ 153,700.01		\$ 157,500.00		\$ -
	1	LS		\$ -		\$ -		\$ -				\$ -
Total: Base Bid + Alternates				\$ 121,297.13		\$ 220,500.00		\$ 153,700.01		\$ 157,500.00		\$ 0.00
% Variance from Low Bid				0%		81.79%		26.71%		29.85%		0%
Membrane Disc Diffusers Submittal Development (from date of PO Execution):		WK		3 - 4 wks		12 - 14 wks		3 - 4 wks		6 wks		
Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):		WK		10 - 12 wks		16 -18 wks		10 - 12 wks		8 wks		
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y		N*		N		N		
% MWBE Participation		%		0%		0%		0%		0%		
Qualification Forms Submitted		Y/N		Y		Y		Y		Y		
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y		Y		

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Stamford Scientific Inter. Inc.	Xylem Water Solutions	Aquarius Technologies	FlexAir	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	38.51	55.24	53.91	#DIV/0!
Experience and Qualifications	15%	12.00	10.00	12.00	15.00	
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	10.00	10.00	10.00	
Total Points	100%	97.00	58.51	77.24	78.91	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Stamford Scientific Inter. Inc.
Contract Value:	\$121,297.13
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Bidder 4	Notes
1	Adder for piping up to the butterfly flange (9 drops)	\$ -	\$ -	\$ -	\$ 30,000.00	
2	Adder for 2 extra days for operators training	\$ -	\$ -	\$ -	\$ 6,500.00	
3		\$ -	\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	\$ -	
11	TOTAL	\$ -	\$ -	\$ -	\$ 36,500.00	

**Stamford
Scientific
International, Inc**



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.07
 PACKAGE DESCRIPTION: FINE BUBBLE DISC DIFFUSERS
 PROPOSER'S COMPANY NAME: SSI Aeration Inc

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: one hundred twenty-one thousand two hundred ninety seven and thirteen cents
 In Figures: \$ 121,297.13

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 13,650.00	\$ 13,650.00
3	Division 46 - Membrane Disc Diffusers (Zone 1, 2 and 3)	3	EA	\$ 33,504.00	\$ 100,512.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 114,162.00
4	Taxes (non-permanent material)			6.25%	\$ 7,135.13
TOTAL BASE PROPOSAL PRICE					\$ 121,297.13

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Specification Para 3.03 Calls 11 days in 4 trips for Site services, for this size of project we will recommend 6 days in 3 trips Deduct	1	LS	\$ 6,150.00	\$ 6,150.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Membrane Disc Diffusers Submittal Development (from date of PO Execution):	<u>3-4 Weeks</u>	
Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):	<u>10-12 Weeks</u>	

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1		10/22/2024
Addendum No. 2		11/6/2024
Addendum No. 3		12/12/2024
Addendum No. 4	Not Applicable	
Addendum No. 5	Not Applicable	
Addendum No. 6	Not Applicable	



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	Not Applicable	
Bid Clarification No. 2	Not Applicable	
Bid Clarification No. 3	Not Applicable	
Bid Clarification No. 4	Not Applicable	
Bid Clarification No. 5	Not Applicable	
Bid Clarification No. 6	Not Applicable	

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Project duration is not in recipient and we are assuming project completion in 365 days
- 2 Above Section 1 - Direct cost-Item 1 calls price for Division #1, We have included price for only related sections to Specification section 46 51 33
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: SSI Aeration Inc
 Contact Name and Title: Kiran Kumar banala
 Contact Phone Number: Tel: 845 454 8171 ext 308

Signature: 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Xylem Water



**Request For Proposal
Bid Form - Suppliers**

12/5/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW P1-01.07

PACKAGE DESCRIPTION: FINE BUBBLE DISC DIFFUSERS

PROPOSER'S COMPANY NAME: Xylem Water Solutions USA, Inc

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words:	Two Hundred Twenty Thousand Five Hundred & 00/100
In Figures: \$	220,500.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	N/A	\$ 220,500.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	N/A	Included in Base Price
3	Division 46 - Membrane Disc Diffusers (Zone 1 , 2 and 3)	3	EA	N/A	Included in Base Price
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 220,500.00
4	Taxes (non-permanent material)				N/A
TOTAL BASE PROPOSAL PRICE					\$ 220,500.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	N/A	1	LS	\$ -	N/A
2	N/A	1	LS	\$ -	N/A
3	N/A	1	LS	\$ -	N/A
4	N/A	1	LS	\$ -	N/A

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Membrane Disc Diffusers Submittal Development (from date of PO Execution):	<u>See Scope Letter</u>	
Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):	<u>See Scope Letter</u>	



**Request For Proposal
Bid Form - Suppliers**

12/5/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

SECTION 4 - ADDENDA & BID CLARIFICATIONS

Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:

	Initial	Date
Addendum No. 1	TS	10/22/2024
Addendum No. 2	TS	11/6/2024
Addendum No. 3	TS	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	TS	11/1/2024
Bid Clarification No. 2	TS	11/12/2024
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Paragraph 1.07.D.3 - We are assuming the intent is to design the system around the SWD shown in the drawings (17.68') in lieu of the SWD specified (18').
Paragraph 1.10.B - In order to convert AOR to SOR, and then to air flow, alpha, max WW temp, and DO values are needed. Alpha is not specified so we are
2 assuming an alpha of 0.6 for all conditions.
Paragraph 1.09.A - We are assuming that Zones 1, 2, and 3 will deliver roughly 50%, 30%, and 20% of the specified AOR loadings, respectively, based on the
3 specified min diffuser counts per zone.
- 4 Paragraph 1.10.B - Zone 3 will be mixing limited (0.12 scfm/sqft) at the min and avg conditions. The minimum air required to keep the zone mixed is 432 scfm.
- 5 Paragraph 1.10.B - We do not recommend operating at a diffuser air rate below 0.5 scfm/diffuser.
- 6 Paragraph 3.03.B - We would typically expect to need five (5) days of field service for this type of job, at \$1,700/day.
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**Request For Proposal
Bid Form - Suppliers**

12/5/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

See Attached
Pre-Negotiated
T&Cs

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Xylem Water Solutions USA, Inc
 Contact Name and Title: Francis Pastors - Territory Manager
 Contact Phone Number: (414) 207-5465
 Signature: *Francis Pastors*

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Aquarius Technologies



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/25/2024

PACKAGE NO.: EWP1-01.07
PACKAGE DESCRIPTION: FINE BUBBLE DISC DIFFUSERS
PROPOSER'S COMPANY NAME: EI2 c/o Aquarius Technologies

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One hundred fifty three thousand seven hundred dollars
 In Figures: \$ 153,700

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	N/A	N/A
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services), Freight	1	LS	\$ 45,833.00	\$ 45,833.00
3	Division 46 - Membrane Disc Diffusers (Zone 1 , 2 and 3)	3	EA	\$ 35,955.67	\$ 107,867.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 153,700.00
4	Taxes (non-permanent material)				N/A
TOTAL BASE PROPOSAL PRICE					\$ 153,700.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Membrane Disc Diffusers Submittal Development (from date of PO Execution):	<u>3-4</u>	Weeks
Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):	<u>10-12</u>	Weeks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	BW	18-Nov
Addendum No. 2	BW	18-Nov
Addendum No. 3	BW	18-Nov
Addendum No. 4	BW	18-Nov
Addendum No. 5	BW	18-Nov
Addendum No. 6	BW	18-Nov



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/25/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	BW	18-Nov
Bid Clarification No. 2	BW	18-Nov
Bid Clarification No. 3	BW	18-Nov
Bid Clarification No. 4	BW	18-Nov
Bid Clarification No. 5	BW	18-Nov
Bid Clarification No. 6	BW	18-Nov

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: EI2 c/o Aquarius Technologies
 Contact Name and Title: Bryen Woo, Business Development Director
 Contact Phone Number: 414-309-4620
 Signature: Bryen Woo

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal

11/25/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

FlexAir



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.07
PACKAGE DESCRIPTION: FINE BUBBLE DISC DIFFUSERS
PROPOSER'S COMPANY NAME: Environmental Dynamics International (EDI)

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: one hundred twenty one thousand dollars
 In Figures: \$ 121,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	included
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	included
3	Division 46 - Membrane Disc Diffusers (Zone 1 , 2 and 3)	3	EA	\$ -	\$ 121,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 121,000.00
4	Taxes (non-permanent material)			\$ -	-
TOTAL BASE PROPOSAL PRICE					\$ 121,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities: Membrane Disc Diffusers Submittal Development (from date of PO Execution): Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):	Duration Wks/Days <u>6 weeks</u> <u>8 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2 Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6	Initial EM EM EM	Date 10/22/2024 11/5/2024 11/12/2024



**Request For Proposal
Bid Form - Suppliers**

11/18/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1 46 51 33 2.01.A.1.b Stainless Steel piping provided with a 2D finish. All mills in the US are currently not providing 2D finish on stainless steel piping. Stainless steel pipe can be provided hot rolled and full immersion passivation. Passivation provided as defined in the specifications.

2 46 51 33 2.02.C.1, 2.02.E.1 EDI diffuser holder including base plate and ring are constructed of polypropylene. Polypropylene offers higher temperature resistance and is less brittle than PVC.

3 46 51 33 2.05B Purge on EDI system is installed at largest part of manifold and does not require a sump.

4 46 51 33 3.03.C.3, 3.03.C.4 Non-potable water test and Mixed Liquor test are performed by installing contractor.

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): No; see marked up contract attached.

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Environmental Dynamics International (EDI)

Contact Name and Title Erika McGuinn, Senior Application Engineer

Contact Phone Number: 573-507-5121

Signature

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal

11/18/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.08 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Submersible Mixers | EWP1-01.08

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Submersible Mixers | EWP1-01.08

PLW Project #: P5R

Recommended Bidder: Hahn Equipment Co, Inc (Xylem-Flygt)

Eight (8) companies were solicited to bid this scope of work to furnish all Submersible Mixers material, equipment and accessories required.

Two (2) companies fully submitted a bid on time.

Bidder 1: Hahn Equipment Co, Inc (Xylem-Flygt)

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Sulzer

This bidder was second lowest in cost, and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Hahn Equipment Co, Inc (Xylem-Flygt) based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Hahn Equipment Co, Inc (Xylem-Flygt) for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.08 - SUBMERSIBLE MIXERS | Spec. Sec. 46 41 23

Bid Tabulation			Xylem-Flygt		Sulzer							
			Hahn Equipment		Global Wet, LLC							
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	-	\$ -	\$ 45,000.00	\$ 45,000.00		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	1,501.00	\$ 1,501.00	\$ 4,500.00	\$ 4,500.00		\$ -		\$ -		\$ -
Division 46 - Submersible Mechanical Mixers	3	EA	42,970.00	\$ 128,910.00	\$ 33,381.00	\$ 100,143.00		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 130,411.00		\$ 149,643.00		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 130,411.00		\$ 149,643.00		\$ 0.00		\$ 0.00		\$ 0.00
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 130,411.00		\$ 149,643.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		14.75%		0.00%		0.00%		0.00%
Submersible Mechanical Mixers Submittal Development (from date of PO Execution):		WK		6 wks		NO ANSWER PROV.						
Submersible Mechanical Mixers Fabrication & Delivery (from Approval of Submittals):		WK		16 wks		NO ANSWER PROV.						
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y		N						
% MWBE Participation		%		0%		0%						
Qualification Forms Submitted		Y/N		Y		N						
Acknowledge Receipt of Addenda		Y/N		Y		N						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Xylem-Flygt	Sulzer	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	61.00	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	5.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	5.00			
Total Points	100%	100.00	71.00	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Xylem-Flygt
Contract Value:	\$130,411.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Xylem Flygt



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/20/2024

PACKAGE NO.: EWP1-01.08
PACKAGE DESCRIPTION: SUBMERSIBLE MIXERS
PROPOSER'S COMPANY NAME: Hahn Equipment Co., Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One hundred Thirty Thousand Four Hundred Eleven
 In Figures: \$ \$130,411.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 1,501.00	\$ 1,501.00
3	Division 46 - Submersible Mechanical Mixers	3	EA	\$ 42,970.00	\$ 128,910.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 130,411.00
4	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 130,411.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE					
Identify the duration of the following schedule activities:			Duration Wks/Days		
Submersible Mechanical Mixers Submittal Development (from date of PO Execution):			6 Wks		
Submersible Mechanical Mixers Fabrication & Delivery (from Approval of Submittals):			14 Wks		
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:			Initial	Date	
Addendum No. 1			AW	10/22/2024	
Addendum No. 2			AW	11/6/2024	
Addendum No. 3			AW	11/12/2024	
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/20/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

Initial	Date
AW	11/12/2024

- Bid Clarification No. 1
- Bid Clarification No. 2
- Bid Clarification No. 3
- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- | | |
|----|--|
| 1 | 2.01 K: Seal material is tungsten carbide |
| 2 | 2.02 C-2: Power cable is Flygt's Standard SUBCAB cable. NSSHOU cable is not available for this mixer |
| 3 | 2.04 A: Non-sparking assembly not available |
| 4 | 2.05: Shop painting does not apply. Mixers are 316SS construction |
| 5 | 3.04 C-4: Neither Hahn nor Flygt will pay for any equipment or engineering redesign in the event of a failed test. |
| 6 | A hoist/crane spec was not provided. Standard manual hoist from Flygt has been quoted. |
| 7 | Local control panels are not included in this quote |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended. The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Hahn Equipment Co., Inc.
 Contact Name and Title: Aren Warthen - Project Manager
 Contact Phone Number: 713-868-3255
 Signature:

<u>Bid Evaluation Criteria:</u>	<u>Weighting Value</u>
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Sulzer



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/6/2024

PACKAGE NO.: EWP1-01.08
PACKAGE DESCRIPTION: SUBMERSIBLE MIXERS
PROPOSER'S COMPANY NAME: Sulzer/Globalwet

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: one hundred forty nine thousand six hundred forty three
 In Figures: \$ \$149,643.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 45,000.00	\$ 45,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 4,500.00	\$ 4,500.00
3	Division 46 - Submersible Mechanical Mixers	3	EA	\$ 33,381.00	\$ 100,143.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 149,643.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 149,643.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Submersible Mechanical Mixers Submittal Development (from date of PO Execution):	_____
Submersible Mechanical Mixers Fabrication & Delivery (from Approval of Submittals):	_____

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1		
Addendum No. 2		
Addendum No. 3		
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/6/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	Attached
2	
3	
4	
5	
6	
7	
8	
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11	
12	
13	
14	
15	

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Sulzer/Globalwet
 Contact Name and Title: _____
 Contact Phone Number: _____
 Signature: _____

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal

12/6/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.09 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Aeration Basin Blowers | EWP1-01.09

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Aeration Basin Blowers | EWP1-01.09

PLW Project #: P5R

Recommended Bidder: Atlas Copco

Seven (7) companies were solicited to bid this scope of work to furnish all Aeration Basin Blowers material, equipment and accessories required.

Three (3) companies fully submitted a bid on time.

Bidder 1: Atlas Copco

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Continental Blower

This bidder was the highest price and based on compliance with proposal terms and conditions and experience and qualifications, scored third on considered tabulation.

Bidder 3: Lone Star Blowers Inc.

This bidder was second lowest in cost, and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Atlas Copco based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Atlas Copco for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.09 - AERATION BASIN BLOWERS | Spec. Sec. 43 11 17

Bid Tabulation			Atlas Copco			Continental Blower			Lone Star Blower Inc.				
			Environmental Improvements Inc.										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5		
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	
Division 1 - General Conditions	1	LS	(Included in Item 3)	(Included in Item 3)		\$ -	\$ 20,000.00	\$ 20,000.00		\$ -		\$ -	
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	14,200.00	\$ 14,200.00		\$ -	\$ 80,000.00	\$ 80,000.00		\$ -		\$ -	
Division 43 - Multi-Stage Submersible Blowers	4	EA	150,700.00	\$ 602,800.00	\$ 1,153,700.00	\$ 1,153,700.00	\$ 254,750.00	\$ 1,019,000.00		\$ -		\$ -	
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -	
Total: Base Bid				\$ 617,000.00		\$ 1,153,700.00		\$ 1,119,000.00		\$ -		\$ -	
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -	
Total: Base Bid + Normalization				\$ 617,000.00		\$ 1,153,700.00		\$ 1,119,000.00		\$ 0.00		\$ 0.00	
				\$ -		\$ -		\$ -		\$ -		\$ -	
Total: Base Bid + Alternates				\$ 617,000.00		\$ 1,153,700.00		\$ 1,119,000.00		\$ 0.00		\$ 0.00	
% Variance from Low Bid				0%		86.99%		81.36%		0.00%		0.00%	
Submittals		WK		6 wks		6 wks		12 wks					
Fabrication & Delivery		WK		28 wks		18 - 20 wks		28 wks					
Proposal Terms and Conditions:													
Agreed to PLW T&C		Y/N		Y		TBD		N					
% DBE Participation		%		0%		0%		100%					
Qualification Forms Submitted		Y/N		Y		Y		Y					
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y					
Acknowledge Receipt of Bid Clarifications		Y/N		N		Y		Y					

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Atlas Copco	Continental Blower	Lone Star Blower Inc.	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	37.44	38.60	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	15.00	15.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00	10.00		
Total Points	100%	95.00	62.44	63.60	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Atlas Copco
Contract Value:	\$617,000.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Atlas Copco



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/2/2024

PACKAGE NO.: EWP1-01.09
PACKAGE DESCRIPTION: AERATION BASIN BLOWERS
PROPOSER'S COMPANY NAME: Atlas Copco Compressors LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Six hundred seventeen thousand
 In Figures: \$ 617,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions (Included in item 3)	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 14,200.00	\$ 14,200.00
3	Division 43 - Multi-stage Submersible Blowers	4	EA	\$ 150,700.00	\$ 602,800.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 617,000.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 617,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1			LS	\$ -	\$ -
2			LS	\$ -	\$ -
3			LS	\$ -	\$ -
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Multi-stage Submersible Blowers Submittal Development (from date of PO Execution):	<u>6</u> Wks
Multi-stage Submersible Blowers Fabrication & Delivery (from Approval of Submittals):	<u>28</u> Wks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	JSM	10/28/2024
Addendum No. 2	JSM	11/7/2024
Addendum No. 3	JSM	11/14/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/2/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

- Please list all Assumptions & Clarifications below (Add additional line items as necessary)
- 1 Installation, piping, elbows, spool pieces, piping hardware, piping gaskets, anchor bolts, housekeeping pads, and wiring to be provided by others.
 - 2 Exception is taken to any brand names mentioned in the spec other than Atlas Copco. Proprietary features from other manufacturers will not be provided. Brand named specific items will be provided as noted.
 - 3 Owner' provided equipment, IP addresses and preferred method of sending/receiving tags/addresses must be received no later than one (1) week after released for construction. Vendor will not be responsible for late shipments if caused by late delivery of this information.
 - 4 2.01.D – We have taken exception to the Hach SC4500 controller since it is suitable for 2 DO sensor inputs only. We have included a Hach SC1000 controller which is capable of handling 3 DO sensors as per Section 43 11 17, Point 2.05.E.
 - 5 Commissioning of Process Systems & Section 40 90 02.01 Control Narratives are not available for review, so compliance with it is not included in this proposal.
 - 6 1.08.B – Manufacturer is not responsible for coordinating with other suppliers for equipment not being supplied under this scope. Contractor should
 - 7 2.03.H – Exception is taken to this item. This is provided as part of the local controller.
 - 8 2.05.C.4 – Exception is taken to the power to be supplied to valve actuators from MCP since the MCP is powered by 120VAC supply however valve actuators are rated for three phase 460VAC power.
 - 9 2.05.E.2 – Proposed Hach SC1000 analyzers are NEMA 4X rated. No additional enclosures are included in this scope.
 - 10 2.08.E – Communication between the MCP and Plant SCADA system will be over Ethernet.
 - 11 12.08.F.2 – Exception is taken regarding the power supply to the valve actuators from the MCP. The MCP operates on a 120VAC supply, while the valve

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS


This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Atlas Copco Compressors LLC
 Contact Name and Title: Gatlin Gold
 Contact Phone Number: (281)-776-4941
 Signature: 

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications	15 Points



Request For Proposal
Bid Form - Suppliers
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

12/2/2024

(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)

Compliance with Proposal Terms and Conditions

Conformance with Bid Package Requirements

(Any exclusions to the contract documents or design requirements need to be listed on company's letterhead and submitted with the proposal.)

15 Points

TOTAL

100 Points

Continental Blower



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.09
PACKAGE DESCRIPTION: AERATION BASIN BLOWERS
PROPOSER'S COMPANY NAME: Continental Blower, LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One Million One Hundred Fifty Three Thousand Seven Hundred Dollars
 In Figures: \$ \$1,153,700

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 43 - Multi-stage Submersible Blowers	4	EA	\$ -	\$ 1,153,700.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 1,153,700.00
4	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 1,153,700.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1			LS	\$ -	\$ -
2			LS	\$ -	\$ -
3			LS	\$ -	\$ -
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Multi-stage Submersible Blowers Submittal Development (from date of PO Execution):	<u>6 weeks</u>
Multi-stage Submersible Blowers Fabrication & Delivery (from Approval of Submittals):	<u>18-20 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	MH	11/1/2024
Addendum No. 2	MH	11/7/2024
Addendum No. 3	MH	11/13/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	MH	11/4/2024
Bid Clarification No. 2	MH	11/13/2024
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	See our proposal section "Comments and Clarifications"
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

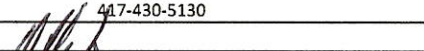
Agreed to PLW Terms and Conditions (yes or no):

TBD

Will be reviewed in detail if we are successful.

if NO: Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

FYI, we recently completed SAWS-Leon Creek together

Company Name: Continental Blower, LLC
 Contact Name and Title: Mitch Hylen, P.E. - Sales Manager
 Contact Phone Number: 417-430-5130
 Signature: 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points



Request For Proposal

11/19/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

	TOTAL	100 Points
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Lone Star Blower Inc.



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EW P1-01.09
PACKAGE DESCRIPTION: AERATION BASIN BLOWERS
PROPOSER'S COMPANY NAME: Lone Star Blower

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One Million, One Hundred Nineteen Thousand and Zero Cents
 In Figures: \$ 1,119,000.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 20,000.00	\$ 20,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 80,000.00	\$ 80,000.00
3	Division 43 - Multi-stage Centrifugal Blowers	4	EA	\$ 254,750.00	\$ 1,019,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 1,119,000.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 1,119,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1			LS	\$ -	\$ -
2			LS	\$ -	\$ -
3			LS	\$ -	\$ -
4			LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Multi-stage Centrifugal Blowers Submittal Development (from date of PO Execution):	<u>12 Wks</u>
Multi-stage Centrifugal Blowers Fabrication & Delivery (from Approval of Submittals):	<u>28 Wks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	JC	10/22/2024
Addendum No. 2	JC	11/7/2024
Addendum No. 3	JC	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

	Initial	Date
Bid Clarification No. 1	JC	11/1/2024
Bid Clarification No. 2	JC	11/12/2024
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	Proposed butterfly valves are High Performance to meet the requirement of 316SS body and equipped with RTFE seats (Rated to 500°F)
2	Proposed instrumentation that is not directly mounted to the blower or motor will be shipped loose and mounting hardware, to include, fittings, ball valves and wiring is not included and shall be provided by the installing Contractor.
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

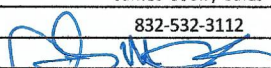
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

NO

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Lone Star Blower
 Contact Name and Title: James Cook / Sales
 Contact Phone Number: 832-532-3112
 Signature: 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	



Request For Proposal

11/18/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.10 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Final Clarifiers Equipment | EWP1-01.10

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Final Clarifiers Equipment | EWP1-01.10

PLW Project #: P5R

Recommended Bidder: Westech

Eight (8) companies were solicited to bid this scope of work to furnish all Final Clarifiers material, equipment and accessories required.

Three (3) companies fully submitted a bid on time.

Bidder 1: Westech

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Walker Process Equipment

This bidder was the highest price and based on compliance with proposal terms and conditions and experience and qualifications, scored third on considered tabulation.

Bidder 3: Ovivo

This bidder was second lowest in cost, and based on compliance with proposal terms and conditions and experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Westech based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Westech for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.10 - FINAL CLARIFIERS EQUIPMENT | Spec. Sec. 46 43 21, 44 42 66.13

Bid Tabulation			WesTech	Walker Process Equipment		Ovivo						
			Environmental Improvements Inc.		HRM Environmental							
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -	\$ -	\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS		\$ -		\$ -	\$ 18,426.00	\$ 18,426.00		\$ -		\$ -
Division 44 - FRP Weirs and Scum Baffles	1	LS		\$ -	\$ 75,200.00	\$ 75,200.00	\$ 59,220.00	\$ 59,220.00		\$ -		\$ -
Division 46 - Circular Clarifier Sludge Collectors Equipment	1	LS	544,039.00	\$ 544,039.00	\$ 627,800.00	\$ 627,800.00	\$ 550,372.00	\$ 550,372.00		\$ -		\$ -
Taxes (non-permanent material)	1	LS	44,883.22	\$ 44,883.22		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 588,922.22		\$ 703,000.00		\$ 628,018.00		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 588,922.22		\$ 703,000.00		\$ 628,018.00		\$ 0.00		\$ 0.00
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 588,922.22		\$ 703,000.00		\$ 628,018.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		19.37%		6.64%		0.00%		0.00%
Circular Clarifier Sludge Collectors Equipment Submittal Development (from date of PO Execution):		WK		10 - 12 wks		8 - 10 wks		8 - 10 wks				
Circular Clarifier Sludge Collectors Equipment Fabrication & Delivery (from Approval of Submittals):		WK		26 - 28 wks		24 - 26 wks		26 - 30 wks				
FRP Weirs and Scum Baffles Submittal Development (from date of PO Execution):		WK		10 - 12 wks		Not included		4 - 6 wks				
FRP Weirs and Scum Baffles Fabrication & Delivery (from Approval of Submittals):		WK		26 - 28 wks		Not included		12 - 14 wks				
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N*		N*		N*				
% MWBE Participation		%		0%		0%		0%				
Qualification Forms Submitted		Y/N		Y		Y		Y				
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y				

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	WesTech	Walker Process Equipment	Ovivo	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	58.64	65.64	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	15.00	15.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00	5.00		
Total Points	100%	95.00	83.64	85.64	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	WesTech
Contract Value:	\$588,922.22
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

WesTech



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/19/2024

PACKAGE NO.: EW P1-01.10
PACKAGE DESCRIPTION: Final Clarifiers
PROPOSER'S COMPANY NAME: WesTech Engineering

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Five Hundred Eighty-Eight Thousand Nine Hundred Twenty-Two Dollars and Twenty-Two Cents
 In Figures: \$ 588,922.22

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 46 - Circular Clarifier Sludge Collectors	2	Units	\$ -	\$ 544,039.00
				\$ -	\$ -
				\$ -	\$ -
				\$ -	\$ -
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 544,039.00
1	Taxes (non-permanent material)				\$ 44,883.22
TOTAL BASE PROPOSAL PRICE					\$ 588,922.22

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1				\$ -	\$ -
2				\$ -	\$ -
3				\$ -	\$ -
4				\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Submittals, after Purchase Order Acceptance and Contract Execution:	<u>10 to 12</u> Wks
Ready to Ship, after Receipt of Final Submittal Approval:	<u>26 to 28</u> Wks
Estimated Weeks Ready to Ship:	<u>36 to 40</u> Wks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	EH	10/28/2024
Addendum No. 2	EH	11/7/2024
Addendum No. 3	EH	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	26 29 13.19_2.02.G: Nameplates are proposed as mounting to the control panels with double faced industrial grade tape per the direction of our UL inspector.
2	Tax is subject to change based on tax percentages at time of invoicing
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS


This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

NO

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: WesTech Engineering
 Contact Name and Title: Libbie Linton, Executive Vice President
 Contact Phone Number: 801-290-1492
 Signature: 
Digitally signed by Libbie Linton
 DN: cn=Libbie Linton, c=US,
 o=WesTech Engineering,
 email=llinton@westech-inc.com
 Date: 2024.11.19 12:16:10 -07'00'

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	



Request For Proposal

11/19/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Walker Process Equipment



**Request For Proposal
Bid Form - Suppliers**

11/20/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.10
PACKAGE DESCRIPTION: FINAL CLARIFIERS EQUIPMENT
PROPOSER'S COMPANY NAME: Walker Process Equipment- Div. of McNish Corp.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Seven Hundred Three thousand
 In Figures: \$ 703,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 44 - FRP Weirs and Scum Baffles	1	LS	\$ -	\$ 75,200.00
4	Division 46 - Circular Clarifier Sludge Collectors Equipment	2	EA	\$ -	\$ 627,800.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 703,000.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 703,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Circular Clarifier Sludge Collectors Equipment Submittal Development (from date of PO Execution):	<u>8-10 weeks</u>
Circular Clarifier Sludge Collectors Equipment Fabrication & Delivery (from Approval of Submittals):	<u>24-26 weeks</u>
FRP Weirs and Scum Baffles Submittal Development (from date of PO Execution):	<u>8-10 weeks</u>
FRP Weirs and Scum Baffles Fabrication & Delivery (from Approval of Submittals):	<u>24-26 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS			
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date	
Addendum No. 1	JCT	#####	10/22/2024
Addendum No. 2	JCT	11/7/2024	11/7/2024
Addendum No. 3	JCT	#####	11/20/2024
Addendum No. 4			
Addendum No. 5			
Addendum No. 6			



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/20/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

Initial Date

- Bid Clarification No. 1
- Bid Clarification No. 2
- Bid Clarification No. 3
- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- | | |
|----|---|
| 1 | Terms & Conditions per WPE Proposal Number 24-01195 |
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

no

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Walker Process Equipment- Div. of McNish Corp.
 Contact Name and Title: Jeff Thomas- Regional Sales Manager
 Contact Phone Number: 6302645213
 Signature: Jeff Thomas- Regional Sales Manager

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal
Bid Form - Suppliers
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Ovivo USA



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.10
PACKAGE DESCRIPTION: FINAL CLARIFIERS EQUIPMENT
PROPOSER'S COMPANY NAME: Ovivo USA LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Six hundred twenty-eight thousand eighteen
 In Figures: \$ 628,018

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	0
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	18,426.00
3	Division 44 - FRP Weirs and Scum Baffles	1	LS	\$ -	59,220.00
4	Division 46 - Circular Clarifier Sludge Collectors Equipment	2	EA	\$ -	550,372.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					628,018.00
5	Taxes (non-permanent material)	Not included			0
TOTAL BASE PROPOSAL PRICE					\$ 628,018.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Circular Clarifier Sludge Collectors Equipment Submittal Development (from date of PO Execution):	<u>8-10 Weeks</u>
Circular Clarifier Sludge Collectors Equipment Fabrication & Delivery (from Approval of Submittals):	<u>26-30 Weeks</u>
FRP Weirs and Scum Baffles Submittal Development (from date of PO Execution):	<u>4-6 weeks</u>
FRP Weirs and Scum Baffles Fabrication & Delivery (from Approval of Submittals):	<u>12-14 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	KM	10/22/2024
Addendum No. 2	KM	11/6/2024
Addendum No. 3	KM	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	NA	NA
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Spec section 46 43 21 - 2.12 J - Ovivo will not supply the conduit for Control panel installation.
- 2 Spec section 46 43 21 - 3.01 - Shop coating system not found in specification section 09 96 00.01. Submerged fabricated steel and Non-submerged fabricated steel will be shipped bare steel. Please refer to the checked mark specification.
- 3
- 4
- 5
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- 13
- 14
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

No*

*Please see attached modifications in bid proposal.

Company Name: Ovivo USA LLC
 Contact Name and Title: Todd Kline - General Manager
 Contact Phone Number: 801-931-3202
 Signature: _____

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost	70 Points
<i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	
Technical Proposal	
Experience and Qualifications	15 Points



Request For Proposal

11/18/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)

Compliance with Proposal Terms and Conditions

Conformance with Bid Package Requirements

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

15 Points

TOTAL

100 Points

EWP1-01.11 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Scum Pumps | EWP1-01.11

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Scum Pumps | EWP1-01.11

PLW Project #: P5R

Recommended Bidder: Vaughan

Eleven (11) companies were solicited to bid this scope of work to furnish all Scum Pumps material, equipment and accessories required.

Only one (1) company fully submitted a bid on time.

Bidder 1: Vaughan

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Vaughan based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Vaughan for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.11 - SCUM PUMPS | Spec. Sec. 44 42 56.05

Bid Tabulation			Vaughan NEWMAN Regency									
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		included		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS		included		\$ -		\$ -		\$ -		\$ -
Division 8 - Access Doors	1	EA		included		\$ -		\$ -		\$ -		\$ -
Division 44 - Submersible Chopper Pumps and Motors	2	EA	69,975.00	\$ 139,950.00		\$ -		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 139,950.00		\$ -		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 139,950.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
Access Doors Submittal Development (from date of PO Execution):		WK		Not Listed		\$ -		\$ -		\$ -		\$ -
Access Doors Fabrication & Delivery (from Approval of Submittals):		WK		Not Listed		\$ -		\$ -		\$ -		\$ -
Submersible Chopper Pumps Submittal Development (from date of PO Execution):		WK		4 - 6 wks								
Submersible Chopper Pumps Fabrication & Delivery (from Approval of Submittals):		WK		10 - 14 wks		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$139,950.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Submittals		WK										
Fabrication & Delivery		WK										
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N								
% MWBE Participation		%		0%								
Qualification Forms Submitted		Y/N		N								
Acknowledge Receipt of Addenda		Y/N		N								

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Vaughan	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00				
Compliance with Proposal Terms and Conditions (See list above)	15%	5.00				
Total Points	100%	90.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	Vaughan
Contract Value:	\$139,950.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Vaughn Pumps



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/7/2024

PACKAGE NO.: EWP1-01.11
PACKAGE DESCRIPTION: SCUM PUMPS
PROPOSER'S COMPANY NAME: Newman RegencyGroup

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: One Hundred Thirty Nine Thousand Nine Hundred Fifty
 In Figures: \$ \$139,950.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	included
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	included
3	Division 8 - Access Doors	1	EA	\$ -	included
4	Division 44 - Submersible Chopper Pumps and Motors	2	EA	\$ -	\$ 139,950.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 139,950.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 139,950.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Access Doors Submittal Development (from date of PO Execution):	_____	
Access Doors Fabrication & Delivery (from Approval of Submittals):	_____	
Submersible Chopper Pumps Submittal Development (from date of PO Execution):	_____	
Submersible Chopper Pumps Fabrication & Delivery (from Approval of Submittals):	_____	

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1		
Addendum No. 2		
Addendum No. 3		
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/7/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Newman RegencyGroup
 Contact Name and Title _____
 Contact Phone Number: _____
 Signature _____

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal

12/7/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.12 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

RAS and WAS Pumps | EWP1-01.12

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

RAS and WAS Pumps | EWP1-01.12

PLW Project #: P5R

Recommended Bidder: Boerger

Ten (10) companies were solicited to bid this scope of work to furnish all RAS and WAS Pumps material, equipment and accessories required.

Three (3) companies) fully submitted a bid on time.

Bidder 1: Boerger

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Vogelsang

This bidder was the highest price and based on compliance with proposal terms and conditions, experience and qualifications, scored third on considered tabulation.

Bidder 3: Netzsch

This bidder was second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Boerger based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Boerger for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.12 - RAS AND WAS PUMPS | Spec. Sec. 44 42 56.14

Bid Tabulation	BUDGETED		BOERGER		VOEGELANG		NETZSCH		NEWMAN REGENCY		E12		GLOBAL WET	
			BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5			
			Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -	\$ 6,687.00	\$ 6,687.00		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	9,000.00	\$ 9,000.00		\$ -	\$ 6,800.00	\$ 6,800.00		\$ -		\$ -		\$ -
Division 44 - RAS Pumps and Motors	6	EA	23,250.00	\$ 139,500.00	\$ 80,000.00	\$ 480,000.00	\$ 25,586.13	\$ 153,516.78		\$ -		\$ -		\$ -
Division 44 - WAS Pumps and Motors	2	EA	10,750.00	\$ 21,500.00	\$ 29,087.75	\$ 58,175.50	\$ 25,586.13	\$ 51,172.26		\$ -		\$ -		\$ -
INSTRUMENTATION (NEED CLARIFICATION)														
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 170,000.00		\$ 538,175.50		\$ 218,176.04		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 170,000.00		\$ 538,175.50		\$ 218,176.04		\$ 0.00		\$ 0.00		\$ 0.00
Total: Base Bid + Alternates				\$ 170,000.00		\$ 538,175.50		\$ 218,176.04		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		216.57%		28.34%		0.00%		0.00%		0.00%
WAS Pumps Submittal Development (from date of PO Execution):				3 WKS		4 WKS		4-6 WKS						
WAS Pumps Fabrication & Delivery (from Approval of Submittals):				10 WKS		14-16WKS		24 wks						
RAS Pumps Submittal Development (from date of PO Execution):				3 WKS		4 WKS		4-6 WKS						
RAS Pumps Fabrication & Delivery (from Approval of Submittals):				10 WKS		14-16WKS		24 wks						
Proposal Terms and Conditions:														
Agreed to PLW T&C		Y/N		Y		N		N						
% MWBE Participation		%		0%		0%		0%						
Qualification Forms Submitted		Y/N		Y		N		N						
Acknowledge Receipt of Addenda		Y/N		Y		Y		N						
Acknowledge Receipt of Bid Clarifications		Y/N		Y		Y		N						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	BOERGER	VOEGELANG	NETZSCH	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	22.11	54.54	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	12.00	10.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	10.00	0.00		
Total Points	100%	100.00	44.11	64.54	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	BOERGER
Contract Value:	\$170,000.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

BOERGER



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/15/2024

PACKAGE NO.:	EWP1-01.12
PACKAGE DESCRIPTION:	RAS AND WAS PUMPS
PROPOSER'S COMPANY NAME:	Boerger LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words:	One Hundred Seventy Thousand
In Figures: \$	170000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	9	LS	\$ 1,000.00	\$ 9,000.00
3	Division 44 - RAS Pumps and Motors	6	EA	\$ 23,250.00	\$ 139,500.00
4	Division 44 - WAS Pumps and Motors	2	EA	\$ 10,750.00	\$ 21,500.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 170,000.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 170,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
WAS Pumps Submittal Development (from date of PO Execution):	3 Weeks
WAS Pumps Fabrication & Delivery (from Approval of Submittals):	10 Weeks
RAS Pumps Submittal Development (from date of PO Execution):	3 Weeks
RAS Pumps Fabrication & Delivery (from Approval of Submittals):	10 Weeks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	NN	11/11/2024
Addendum No. 2	NN	11/11/2024
Addendum No. 3	NN	11/13/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/15/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

Initial	Date
NN	11/13/2024

- Bid Clarification No. 1
- Bid Clarification No. 2
- Bid Clarification No. 3
- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 2.01A1a Rotor case and end cover are cast iron ASTM48
- 2 VFD's by others
- 3 Timeframe runs simultaneous between RAS and WAS pumps - 3 Weeks for submittals of both with 10 weeks for delivery of both
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO: Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Boerger LLC
 Contact Name and Title: Nate Neufeld - Regional Sales Manager
 Contact Phone Number: 612-435-7307
 Signature: Nate Neufeld

Bid Evaluation Criteria: Description	Weighting Value
Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements	15 Points



Request For Proposal

11/15/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

TOTAL	100 Points
--------------	-------------------

VOEGELSANG



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/26/2024

PACKAGE NO.: EWP1-01.12
PACKAGE DESCRIPTION: RAS AND WAS PUMPS
PROPOSER'S COMPANY NAME: Vogelsang

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: _____
 In Figures: \$ 596,351

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 44 - RAS Pumps and Motors	6	EA	\$ -	\$ 480,000.00
4	Division 44 - WAS Pumps and Motors	2	EA	\$ -	\$ 58,175.50
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 596,351.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 596,351.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
WAS Pumps Submittal Development (from date of PO Execution):	<u>4</u>
WAS Pumps Fabrication & Delivery (from Approval of Submittals):	<u>14-16 weeks AAS</u>
RAS Pumps Submittal Development (from date of PO Execution):	<u>4</u>
RAS Pumps Fabrication & Delivery (from Approval of Submittals):	<u>14-6 weeks AAS</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	JH	28-Oct
Addendum No. 2	JH	12-Nov
Addendum No. 3	JH	13-Nov
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/26/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	Jh	1-Nov
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	Per Scope of Supply
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

No

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Vogelsang

Contact Name and Title: Jeff Houston President - E12

Contact Phone Number: 713-461-1111

Signature: *Jeff Houston President - E12*

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost	70 Points
<i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	
Technical Proposal	
Experience and Qualifications	15 Points



Request For Proposal

11/26/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)

Compliance with Proposal Terms and Conditions

Conformance with Bid Package Requirements

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

15 Points

TOTAL 100 Points

NETZSCH



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/2/2024

PACKAGE NO.: EWP1-01.12
PACKAGE DESCRIPTION: RAS AND WAS PUMPS
PROPOSER'S COMPANY NAME: Netzsh Pumps

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: hundred eighteen thousand, one hundred seventy six and four c
 In Figures: \$ \$218,176.04

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ 6,687.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ 6,800.00
3	Division 44 - RAS Pumps and Motors	6	EA	\$ -	\$ 153,516.78
4	Division 44 - WAS Pumps and Motors	2	EA	\$ -	\$ 51,172.26
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 218,176.04
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 218,176.04

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
WAS Pumps Submittal Development (from date of PO Execution):	_____
WAS Pumps Fabrication & Delivery (from Approval of Submittals):	_____
RAS Pumps Submittal Development (from date of PO Execution):	_____
RAS Pumps Fabrication & Delivery (from Approval of Submittals):	_____

SECTION 4 - ADDENDA & BID CLARIFICATIONS	
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial Date
Addendum No. 1	
Addendum No. 2	
Addendum No. 3	
Addendum No. 4	
Addendum No. 5	
Addendum No. 6	



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/2/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	attached
2	
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Netzsh Pumps

Contact Name and Title _____

Contact Phone Number: _____

Signature _____

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost	70 Points
<i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	
Technical Proposal	
Experience and Qualifications	15 Points



Request For Proposal
Bid Form - Suppliers
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

12/2/2024

(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)

Compliance with Proposal Terms and Conditions

Conformance with Bid Package Requirements

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

15 Points

TOTAL 100 Points

EWP1-01.14 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Automatic Backwash Disc Filters | EWP1-01.14

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Automatic Backwash Disc Filters | EWP1-01.14
PLW Project #: P5R

Recommended Bidder: Evoqua

Nine (9) companies were solicited to bid this scope of work to furnish all Automatic Backwash Disc Filters material, equipment and accessories required.

Two (2) companies fully submitted a bid on time.

Bidder 1: Evoqua

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Veolia

This bidder was second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Evoqua based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Evoqua for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.14 - AUTOMATIC BACKWASH DISC FILTERS | Spec. Sec. 46 61 41

Bid Tabulation			EVOQUA		VEOLIA							
			E12		GLOBAL WET							
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Division 46 - Automatic Backwash Disc Filters	2	EA	404,154.00	\$ 808,308.00	\$ 360,804.00	\$ 721,608.00		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 808,308.00		\$ 721,608.00		\$ -		\$ -		\$ -
Normalization	1	LS				\$ 100,000.00		\$ 100,000.00		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 808,308.00		\$821,608.00		\$0.00		\$0.00		\$0.00
Access Platforms	1	EA		\$ 100,395.00		\$ 114,000.00		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$908,703.00		\$935,608.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		1.65%		0.00%		0.00%		0.00%
Automatic Backwash Disk Filters Submittal Development (from date of PO Execution):		WK		12-14 WKS		6-8 WKS						
Automatic Backwash Disk Filters Fabrication & Delivery (from Approval of Submittals):		WK		18-20 WKS		24-36 WKS						
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		N						
% MWBE Participation		%		0%		0%						
Qualification Forms Submitted		Y/N		N		Y						
Acknowledge Receipt of Addenda		Y/N		Y		Y						
Acknowledge Receipt of Bid Clarifications		Y/N		N		Y						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	EVOQUA	VEOLIA	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	67.99	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	10.00	12.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00			
Total Points	100%	90.00	89.99	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	EVOQUA
Contract Value:	\$908,703.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Notes
	Increase in pipe and valve sizes from 20" to				
1	24".		\$ 100,000.00	\$ -	
2		\$ -	\$ -	\$ -	
3		\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	
TOTAL		\$ -	\$ 100,000.00	\$ -	

EVOQUA



**Request For Proposal
Bid Form - Suppliers**

11/18/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.14
PACKAGE DESCRIPTION: AUTOMATIC BACKWASH DISC FILTERS
PROPOSER'S COMPANY NAME: Evoqua Water Technologies, LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Eight hundred eight thousand three hundred eight dollars
 In Figures: \$ 808308*

* taxes not included

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	included
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	included
3	Division 46 - Automatic Backwash Disk Filters	2	EA	\$ -	included
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ -
4	Taxes (non-permanent material)				not included at this time
TOTAL BASE PROPOSAL PRICE					\$ 808,308.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Access Platform - Please see Section 3 of the proposal for platform description	1	LS	\$ -	included
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
5	Taxes (non-permanent material)				not included at this time
TOTAL BASE PROPOSAL PRICE					\$ 100,395.00

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Automatic Backwash Disk Filters Submittal Development (from date of PO Execution):	<u>Please see section 2 of the proposal for schedule.</u>
Automatic Backwash Disk Filters Fabrication & Delivery (from Approval of Submittals):	

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	RM	18-Nov
Addendum No. 2	RM	18-Nov
Addendum No. 3	RM	18-Nov
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS



**Request For Proposal
Bid Form - Suppliers**

11/18/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	Please see Section 5 of the proposal for full list of clarifications and exceptions.
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a [Request for Modifications/Sample Subcontract Markup](#) to this bid.

no

Please see standard terms of sale in proposal. Evoqua is confident in the ability to meet mutually agreed upon terms and conditions upon order

Company Name: Evoqua Water Technologies, LLC
 Contact Name and Title: Rose McSherry, Technical Sales Engineer
 Contact Phone Number: 262-283-8715
 Signature: L.R. MCSHERRY

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

VEOLIA

PACKAGE NO.: EWPI-01.14
 PACKAGE DESCRIPTION: AUTOMATIC BACKWASH DISC FILTERS
 PROPOSER'S COMPANY NAME: Veolia Water Technologies, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal. **

TOTAL BASE PROPOSAL PRICE:**

In Words: Seven hundred twenty one thousand six hundred eight
 In Figures: \$ 721,608

SECTION 1 - DIRECT COST**					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 46 - Automatic Backwash Disk Filters	2	EA	\$ -	\$ 721,608.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 721,608.00
4	Taxes (non-permanent material)***				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 721,608.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING**					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Access Platform	1	LS	\$ 114,000.00	\$ 114,000.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE**					
Identify the duration of the following schedule activities:		Duration Wks/Days			
Automatic Backwash Disk Filters Submittal Development (from date of PO Execution):		<u>6-8 Wks</u>			
Automatic Backwash Disk Filters Fabrication & Delivery (from Approval of Submittals):		24-36 Wks			
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:			Initial	Date	
Addendum No. 1			<u>MB</u>	22-Oct-24	
Addendum No. 2			<u>MB</u>	06-Nov-24	
Addendum No. 3			<u>MB</u>	12-Nov-24	
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:			Initial	Date	
Bid Clarification No. 1					N/A - noted that Bid Clarification #1 was not applicable for this bid solicitation.
Bid Clarification No. 2			<u>MB</u>	12/11/2024	
Bid Clarification No. 3					
Bid Clarification No. 4					
Bid Clarification No. 5					
Bid Clarification No. 6					
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS					

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

Work Package Bid Checklist & Bid Form: Veolia Water Technologies, Inc.'s Bid Submittal is expressly conditioned on reaching mutually acceptable terms and conditions for the contract post-award. If selected, Veolia proposes to enter good faith negotiations with PLW to reach mutually agreeable terms and conditions for this contract. Veolia's Bid Submittal, including pricing, is provided per the scope of work and terms as detailed in this Bid Submittal, including 1 comments and clarifications as included in the Scope of Supply.

46 61 41 1.04.C Performance Criteria Backwash Flow:

We anticipate that the average backwash (BW) flow rate will remain below 2% of the total flow. During continuous backwash operation, sludge production is estimated to reach approximately 55% of the BW pump capacity. Given that the peak hourly flow (PHF) is 12 MGD and the average flow is 3 MGD, this 2 expectation aligns with our performance targets and capacity considerations. However, please note that this is an estimate and not a guarantee

DWG G-10 Hydraulic Profile:

3 Please note to meet the overflow weir height of 165.25', the bottom of unit elevation should be 160.36'. The corresponding effluent weir height will be 164.03'

4 Per 46 61 41 in addendum 3, enclosure shall be 304 L stainless steel dead front configuration.

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS**

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): no

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

**

Company Name: Veolia Water Technologies, Inc.

Contact Name and Title Jim Daugherty

Contact Phone Number: 919-349-2280

Signature 

**

Bid Evaluation Criteria:

Description

Cost Proposal

Complete Bid Package Cost

(Lowest Price/Evaluated Proposal Price) x Points Available = Score

Technical Proposal

Experience and Qualifications

(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)

Compliance with Proposal Terms and Conditions

Conformance with Bid Package Requirements

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

Weighting Value

70 Points

15 Points

15 Points

TOTAL 100 Points

**Veolia Water Technologies' Inc's Bid Submittal is expressly conditioned on parties reaching mutually acceptable terms and conditions for the contract post-award. Veolia's Bid Submittal, including pricing, is provided per the scope of work, terms and conditions, Terms of Sale, Process Performance Guarantee, and Comments to Bid Documents as detailed in this Bid Submittal.

***VWT has not included taxes in its pricing as the RFP's Scope of Work File (Section 4) states that the following items will be excluded from your proposal: 'F' Sales tax'

EWP1-01.15 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

UV Disinfection System | EWP1-01.15

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

UV Disinfection System | EWP1-01.15

PLW Project #: P5R

Recommended Bidder: Xylem Water (Wedeco)

Nine (9) companies were solicited to bid this scope of work to furnish all UV Disinfection System material, equipment and accessories required.

Two (2) companies fully submitted a bid on time.

Bidder 1: Xylem Water (Wedeco)

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Trojan

This bidder was second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Xylem Water based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Xylem Water for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.15 - UV DISINFECTION SYSTEM | Spec. Sec. 46 66 56

Bid Tabulation	BUDGETED		WEDECO		TROJAN TECHNOLOGIES		BIDDER 3		BIDDER 4		BIDDER 5	
			XYLEM WATER		NEWMAN REGENCY							
			BIDDER 1		BIDDER 2							
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -	\$ 12,000.00	\$ 12,000.00		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	18,858.00	\$ 18,858.00	\$ 32,000.00	\$ 32,000.00		\$ -		\$ -		\$ -
Division 46 - UV Disinfection System	1	EA	363,042.00	\$ 363,042.00	\$ 455,900.00	\$ 455,900.00		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 381,900.00		\$ 499,900.00		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 381,900.00		\$ 499,900.00		\$ 0.00		\$ 0.00		\$ 0.00
Exchange specified PLC with Wedco standard Allen Bradley CompactLogix 1769-L37RE	1	LS	\$ (9,542.00)	\$ (9,542.00)								
Elimination of Harmonics Testing	1	LS			\$ (8,000.00)	\$ (8,000.00)						
Elimination of Fortinet Switch per 46 66 56 Part 2 -2.02.C.5.d.1 and Elimination of the Quint	1	LS			\$ (2,650.00)	\$ (2,650.00)						
Elimination of the Spare Hydraulic Pump Assy	1	LS			\$ (2,250.00)	\$ (2,250.00)						
Total: Base Bid + Alternates				\$ 372,358.00		\$ 487,000.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		30.90%		0.00%		0.00%		0.00%
UV Disinfection System Submittal Development (from date of PO Execution):		WK		10-12		8						
UV Disinfection System Fabrication & Delivery (from Approval of Submittals):		WK		22-26		20						
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		N						
% MWBE Participation		%		0%		0%						
Qualification Forms Submitted		Y/N		N		Y						
Acknowledge Receipt of Addenda		Y/N		Y		Y						

Ranking Tabulation	Weight	1	2	3	4	5
Bid Item		WEDECO	TROJAN TECHNOLOGIES	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	53.52	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	10.00	15.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00			
Total Points	100%	90.00	78.52	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	WEDECO
Contract Value:	\$381,900.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

Wedeco



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.15
PACKAGE DESCRIPTION: UV DISINFECTION SYSTEM
PROPOSER'S COMPANY NAME: Xylem Water Solutions USA Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Three Hundred Eighty One Thousand Nine Hundred Dollars
 In Figures: \$ 381,900

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 18,858	\$ 18,858.00
3	Division 46 - UV Disinfection System	1	EA	\$ 363,042	\$ 363,042.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 381,900.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 381,900.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Exchange specified PLC with Wedeco standard Allen Bradley CompactLogix 1769-L37REM	1	LS	\$ 9,542.00	\$ 9,542.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
UV Disinfection System Submittal Development (from date of PO Execution):	<u>10-12 Weeks</u>
UV Disinfection System Fabrication & Delivery (from Approval of Submittals):	<u>22-26 Weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	CM	10/28/24
Addendum No. 2	CM	11/14/24
Addendum No. 3	CM	11/14/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 **46 66 55, 2.02, D, 14 Clarification:** A convenience receptacle can be provided in the PLC enclosure to allow for power connection of a laptop which we believe is the intent of having the receptacle. Work with a laptop would be done at the PLC enclosure and not at the PDC.

- 2 **46 66 56, 2.02, D, 7 Exception:** The requirement of having the lamp modules/ballast racks on circuit breakers. The WEDECO TDS ballast is designed and certified to UL 1029: Standard for High-Intensity-Discharge Lamp Ballasts. In the unlikely event that someone comes in direct contact with the terminals or wires, the galvanic isolation design prevents the person from receiving an electrical shock because the ballast output power is isolated from the ballast input power. Additionally, the galvanic isolation is designed such that there are no connections between the supply and lamp circuitry; resulting in an operation where current cannot flow between the lamp line and ground or between live circuitry and ground. The galvanic isolation design has been implemented on Xylem WEDECO ballasts since 2008 and has been reviewed and approved by UL on a continuous basis at both the circuit board design level and as it is designed within the electrical enclosure. The ballasts are also designed such that if a short or open circuit is detected the ballast will immediately shut off providing protection above the requirement in the UVDGM

- 3 *Please refer to Xylem comments to General Terms & Conditions within proposal document.*

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

No

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Xylem Water Solutions USA Inc.
 Contact Name and Title: Chadd Matthewson Territory Manager
 Contact Phone Number: (980) 384-6959
 Signature: *Chadd Matthewson*

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Trojan Technologies



**Request For Proposal
Bid Form - Suppliers**

12/7/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.15
PACKAGE DESCRIPTION: UV DISINFECTION SYSTEM
PROPOSER'S COMPANY NAME: Trojan Technologies Group ULC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Four hundred and ninety nine thousand and zero dollars.
 In Figures: \$ 499,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ 12,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ 32,000.00
3	Division 46 - UV Disinfection System	3	EA	\$ -	\$ 455,900.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 499,900.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 499,900.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Elimination of Harmonics Testing	1	LS	\$ 8,000.00	\$ 8,000.00
2	Elimination of Fortinet Switch per 46 66 56 Part 2 - 2.02.C.5.d.1 and Elimination of the Quint P	1	LS	\$ 2,650.00	\$ 2,650.00
3	Elimination of the Spare Hydraulic Pump Assy	1	LS	\$ 2,250.00	\$ 2,250.00
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:		
	<u>Duration</u>	<u>Wks/Days</u>
UV Disinfection System Submittal Development (from date of PO Execution):	<u>8/140</u>	
UV Disinfection System Fabrication & Delivery (from Approval of Submittals):	<u>20/140</u>	

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		
Addendum No. 1	Initial	Date
Addendum No. 2	BG	10/22/2024
Addendum No. 3	BG	11/6/2024
Addendum No. 4	BG	11/12/2024
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:		
Bid Clarification No. 1	Initial	Date
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	
1	See enclosed trojan Scope of Supply



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/7/2024

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended. The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Trojan Technologies Group ULC
 Contact Name and Title: Bill Gordon, Sales Manager
 Contact Phone Number: 519 457 3400 x 2315
 Signature:

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.16 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Rotary Drum Thickeners | EWP101.16

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Rotary Drum Thickeners | EWP1-01.16

PLW Project #: P5R

Recommended Bidder: Parkson

Ten (10) companies were solicited to bid this scope of work to furnish all Rotary Drum Thickeners material, equipment and accessories required.

Four (4) companies fully submitted a bid on time.

Bidder 1: Andritz

The bidder was the lowest bidder, however based on compliance with proposal terms and conditions, experience and qualifications, and additional design and construction cost to incorporate equipment, scored third on considered tabulation.

Bidder 2: Alfa Laval

This bidder was the second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

Bidder 3: Parkson

This bidder was third lowest in cost, however considering the basis of design, compliance with proposal terms and conditions, experience and qualifications, scored highest on considered tabulation.

Bidder 4: BDP Industries, Inc.

This bidder was the fourth in price and based on compliance with proposal terms and conditions, experience and qualifications, scored fourth on considered tabulation.

We recommend proceeding with the bid proposal from Parkson based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Parkson for this package.


City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.16 - ROTARY DRUM THICKENERS | Spec. Sec. 46 71 33, 46 33 33

Bid Tabulation	BUDGETED		ANDRITZ	AFLA LAVAL	PARKSON	BDP INDUSTRIES						
			HARTWELL	E12	GLOBAL WET	HRM ENVIRONMENTAL						
Bid Item	Units	UOM	BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
			Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 15,656.00	\$ 15,656.00	\$ 40,401.98	\$ 40,401.98		\$ -	\$ 15,500.00	\$ 15,500.00		\$ -
Division 46 - Rotary Drum Thickeners	2	EA	\$ 241,074.00	\$ 482,148.00	\$ 248,055.70	\$ 496,111.40	273,152.00	\$ 546,304.00	305,500.00	\$ 611,000.00		\$ -
Division 46 - Polymer Blending and Feed System	1	EA	\$ 47,196.00	\$ 47,196.00	\$ 61,486.62	\$ 61,486.62	52,513.00	\$ 52,513.00	50,000.00	\$ 50,000.00		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 545,000.00		\$ 598,000.00		\$ 598,817.00		\$ 676,500.00		\$ -
Normalization				\$ 60,000.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 605,000.00		\$ 598,000.00		\$ 598,817.00		\$ 676,500.00		\$ -
Removal of Second Rotary Drum Thickener	1	LS	(250,000.00)	(250,000.00)		\$ -	(229,931.00)	\$ (229,931.00)	(296,500.00)	\$ (296,500.00)		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 355,000.00		\$ 598,000.00		\$ 368,886.00		\$ 380,000.00		\$ 0.00
% Variance from Low Bid				1.17%		0.00%		0.14%		13.13%		
Rotary Drum Thickeners Submittal Development (from date of PO Execution):		WK		4-6		8-12		8-10		8-10		
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):		WK		26-32		25-29		18-22		45-50		
Polymer Blending and Feed System Submittal Development (from date of PO Execution):		WK		4-6		6-8		4-6		8-10		
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):		WK		26-32		10-12		10-12		24-30		
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		N*		N*		Y		
% MWBE Participation		%		0%		0%		0%		0%		
Qualification Forms Submitted		Y/N		Y		Y		Y		Y		
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y		Y		
Acknowledge Receipt of Bid Clarifications		Y/N		Y		Y		Y		Y		

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	ANDRITZ	AFLA LAVAL	PARKSON	BDP INDUSTRIES	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	69.19	70.00	69.90	62.60	#DIV/0!
Experience and Qualifications	15%	15.00	15.00	15.00	15.00	
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00	12.00	15.00	
Total Points	100%	94.19	95.00	96.90	92.60	#DIV/0!

Date of Recommendation:	12/12/24
Recommended Vendor	PARKSON
Contract Value:	\$368,886.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	 12/20/24
City of Tomball David Esquivel	

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Bidder 4	Notes
1	Design and construction changes	\$ 60,000.00	\$ -	\$ -	\$ -	-
2		\$ -	\$ -	\$ -	\$ -	-
3		\$ -	\$ -	\$ -	\$ -	-
4		\$ -	\$ -	\$ -	\$ -	-
5		\$ -	\$ -	\$ -	\$ -	-
6		\$ -	\$ -	\$ -	\$ -	-
7		\$ -	\$ -	\$ -	\$ -	-
8		\$ -	\$ -	\$ -	\$ -	-
9		\$ -	\$ -	\$ -	\$ -	-
10		\$ -	\$ -	\$ -	\$ -	-
11	TOTAL	\$ 60,000.00	\$ -	\$ -	\$ -	-

PARKSON



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.16
PACKAGE DESCRIPTION: ROTARY DRUM THICKENERS
PROPOSER'S COMPANY NAME: Parkson Corporation

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Five Hundred Ninety Eight Thousand, Eight Hundred and Seventeen
 In Figures: \$ 598,817

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions Included in Item 3	1	LS	Included in Item 3	
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services) Included in I	1	LS	Included in Item 3	
3	Division 46 - Rotary Drum Thickeners	2	EA	\$ 273,152.00	\$ 546,304.00
4	Division 46 - Polymer Blending and Feed System	1	EA	\$ 52,513.00	\$ 52,513.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 598,817.00
5	Taxes (non-permanent material) - Taxes are excluded per CMAR Agreement 5.1.2.4				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 598,817.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Rotary Drum Thickener - Cost is considered a DEDUCT to the above	1	LS	\$ (229,931.00)	\$ (229,931.00)
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	<u>8 to 10</u>	weeks
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	<u>18 to 22</u>	weeks
Polymer Blending and Feed System Submittal Development (from date of PO Execution):	<u>4 to 6</u>	weeks
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):	<u>10 to 12</u>	weeks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	AT	10/22/2024
Addendum No. 2	AT	11/6/2024
Addendum No. 3	AT	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	AT	11/12/2024
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Section 40 90 02.01 was not included in the project specification manual and therefore we take exception to any requirements related to that section
- 2 Section 26 29 23.11 specifies drives for the influent pumps, digester sludge feed pumps, WAS/WAS pumps, and blowers. We take exception to this section as we are providing standard RDT vendor supplied VFD's with line reactors for the RDT control panels
- 3 Please refer to the Parkson Supplied "Bid Scope - Tomball South, TX" Document for Buyer/Owner Responsibilities
- 4 RDT Drain Valve shall be provided by others
- 5 Section 46 71 33 Section 2.14 references Bushing spare parts, these are not applicable to Parkson and are therefore excluded.
- 6 P&ID PI-15 - The following equipment was not detailed with an asterisk and shall therefore be provided by others: Pressure relief valves, low pressure switch, pressure indicators, balls valves and isolation rings
- 7
- 8
- 9
- 10
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- 13

SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

NO (see attachment)

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Parkson Corporation
 Contact Name and Title: Andrew Singer, Contracts Manager
 Contact Phone Number: 954-974-6610
 Signature: *Andrew Singer*

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements	15 Points



Request For Proposal

11/19/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)

TOTAL 100 Points

ANDRITZ



**Request For Proposal
Bid Form - Suppliers**

12/9/24

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.16
PACKAGE DESCRIPTION: ROTARY DRUM THICKENERS
PROPOSER'S COMPANY NAME: ANDRITZ SEPARATION TECHNOLOGIES INC.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: 545,000
 In Figures: \$ Five Hundred Forty Five Thousand Dollars

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 15,656.00	\$ 15,656.00
3	Division 46 - Rotary Drum Thickeners	2	EA	\$ 241,074.00	\$ 482,148.00
4	Division 46 - Polymer Blending and Feed System	1	EA	\$ 47,196.00	\$ 47,196.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 545,000.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 545,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Rotary Drum Thickener	1	LS	\$ 295,000.00	\$ 295,000.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	<u>4 to 6 weeks</u>
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	<u>26 to 32 weeks after receipt of approved submittals</u>
Polymer Blending and Feed System Submittal Development (from date of PO Execution):	<u>4 to 6 weeks</u>
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):	<u>26 to 32 weeks after receipt of approved submittals</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	SRW	10/22/24
Addendum No. 2	SRW	11/6/24
Addendum No. 3	SRW	11/12/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

12/9/24

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

Initial	Date
SRW	11/12/24

- Bid Clarification No. 1
- Bid Clarification No. 2
- Bid Clarification No. 3
- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

no

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name:	ANDRITZ SEPARATION TECHNOLOGIES INC.
Contact Name and Title	Steve Walden Regional Sales Manager
Contact Phone Number:	817-419-1768
Signature	Steve Walden

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

AFLA LAVAL



**Request For Proposal
Bid Form - Suppliers**

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW P1-01.16
PACKAGE DESCRIPTION: ROTARY DRUM THICKENERS
PROPOSER'S COMPANY NAME: Alfa Laval, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Five hundred ninety-eight thousand dollars 0/100
 In Figures: \$ 598,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 40,401.98	\$ 40,401.98
3	Division 46 - Rotary Drum Thickeners	2	EA	\$ 248,055.70	\$ 496,111.40
4	Division 46 - Polymer Blending and Feed System	1	EA	\$ 61,486.62	\$ 61,486.62
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 598,000.00
5	Taxes (non-permanent material)			NOTE: No taxes are included in our bid	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 598,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Rotary Drum Thickener	1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	<u>8-12 weeks</u> from fully executed PO
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	<u>25-29 weeks</u> from receipt of approved submittals and/or release to manufacture.
Polymer Blending and Feed System Submittal Development (from date of PO Execution):	<u>6 -8 weeks</u> from fully executed PO
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):	<u>10-12 weeks</u> from receipt of approved submittals and/or release to manufacture.

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	BD	10/22/2024
Addendum No. 2	BD	11/6/2024
Addendum No. 3	BD	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2	BD	11/12/2024
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1	See attached list of clarifications and exceptions
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

See Attached Request for Modifications/Sample Subcontract markup

Company Name: Alfa Laval, Inc.
 Contact Name and Title: John Moccero, Capital Sales Manager - Western Region
 Contact Phone Number: 832-683-7205
 Signature: Ken Medlin
 Ken Medlin, Director of Water 281-253-1353

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

BDP INDUSTRIES



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.16
PACKAGE DESCRIPTION: ROTARY DRUM THICKENERS
PROPOSER'S COMPANY NAME: BDP Industries, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Six hundred seventy six thousand, five hundred dollars
 In Figures: \$ 676,500.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 15,500.00	\$ 15,500.00
3	Division 46 - Rotary Drum Thickeners	2	EA	\$ 305,500.00	\$ 611,000.00
4	Division 46 - Polymer Blending and Feed System	1	EA	\$ 50,000.00	\$ 50,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 676,500.00
5	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 676,500.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Removal of Second Rotary Drum Thickener	1	LS	\$ 296,500.00	\$ 296,500.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	<u>8-10</u>	
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	<u>45 - 50</u>	
Polymer Blending and Feed System Submittal Development (from date of PO Execution):	<u>8-10</u>	
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):	<u>24-30</u>	

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	AJS	10/22/24
Addendum No. 2	AJS	11/6/24
Addendum No. 3	AJS	11/12/24
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/18/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:

Initial	Date
NA	NA
AJS	11/12/2024

- Bid Clarification No. 1
- Bid Clarification No. 2
- Bid Clarification No. 3
- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 BDP recommends revising the capture rate to 95%; BDP can confirm with bench testing if representative sludge is available.
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

Yes

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: _____ BDP Industries, Inc.
 Contact Name and Title: _____ A.J. Schmidt - President
 Contact Phone Number: _____ 518-695-6851
 Signature: _____ A.J. Schmidt - President

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points



Request For Proposal

11/18/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.18 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Digested Sludge Pumps | EWP1-01.18

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Digested Sludge Pumps | EWP1-01.18

PLW Project #: P5R

Recommended Bidder: Netzsch

Ten (10) companies were solicited to bid this scope of work to furnish all Digested Sludge Pumps material, equipment and accessories required.

Only one (1) company fully submitted a bid on time.

Bidder 1: Netzsch

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

We recommend proceeding with the bid proposal from Netzsch based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Netzsch for this package.


City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.18 - DIGESTED SLUGE PUMPS | Spec. Sec. 44 42 56.13

Bid Tabulation		NETZSCH GLOBAL WET										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS	1,315.00	\$ 1,315.00		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	4,000.00	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Division 44 - Progressing Cavity Pumps	1	EA	16,802.00	\$ 16,802.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 22,117.00		\$ -		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 22,117.00		\$0.00		\$0.00		\$0.00		\$0.00
Total: Base Bid + Alternates				\$22,117.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Progressing Cavity Pumps Submittal Development (from date of PO Execution):		WK		4-6 wks								
Progressing Cavity Pumps Fabrication & Delivery (from Approval of Submittals)		WK		24 wks								
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		Y								
% MWBE Participation		%		0%								
Qualification Forms Submitted		Y/N		N								
Acknowledge Receipt of Addenda		Y/N		N								

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	NETZSCH	0	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	10.00				
Compliance with Proposal Terms and Conditions (See list above)	15%	12.00				
Total Points	100%	92.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	NETZSCH
Contract Value:	\$22,117.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	 12/20/24
City of Tomball David Esquivel	

Netzsch Pumps



Request For Proposal

12/8/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.18
PACKAGE DESCRIPTION: DIGESTED SLUGE PUMPS
PROPOSER'S COMPANY NAME: Netzsch Pumps

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Twenty two thousand one hundred seventeen and zero cents
 In Figures: \$ \$22,117.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 1,315.00	\$ 1,315.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 4,000.00	\$ 4,000.00
3	Division 44 - Progressing Cavity Pumps	1	EA	\$ 16,802.00	\$ 16,802.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 22,117.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 22,117.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Progressing Cavity Pumps Submittal Development (from date of PO Execution):	_____
Progressing Cavity Pumps Fabrication & Delivery (from Approval of Submittals):	_____

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1		
Addendum No. 2		
Addendum No. 3		
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 attached
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

yes

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Netzsch Pumps
 Contact Name and Title: Stewart Shaffer TX Distributor
 Contact Phone Number: 936-900-9558
 Signature: Stewart Shaffer

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.19 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Digester Blowers | EWP1-01.19

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Digester Blowers | EWP1-01.19

PLW Project #: P5R

Recommended Bidder: Atlas Copco

Eight (8) companies were solicited to bid this scope of work to furnish all Digester Blowers material, equipment and accessories required.

Three (3) companies fully submitted a bid on time.

Bidder 1: Atlas Copco

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Aerzen USA

This bidder was second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

Bidder 3: Gardner Denver

This bidder was the highest price and based on compliance with proposal terms and conditions, experience and qualifications, scored third on considered tabulation.

We recommend proceeding with the bid proposal from Atlas Copco based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Atlas Copco for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project


Bid Package EWP1_01.19 - DIGESTER BLOWERS | Spec. Sec. 43 11 33

FNI Quote/PLW OPCC Estimate \$143,375

Bid Tabulation			ATLAS COPCO		AERZEN USA		GARDNER DENVER					
			E12		HARTWELL		PINNACLE INDUSTRIES					
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	9,000.00	\$ 9,000.00	10,300.00	\$ 10,300.00		\$ -		\$ -		\$ -
Division 43 - Rotary Lobe Positive Displacement Blowers	2	EA	35,100.00	\$ 70,200.00	73,037.00	\$ 146,074.00	92,500.00	\$ 185,000.00		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 79,200.00		\$ 156,374.00		\$ 185,000.00		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 79,200.00		\$ 156,374.00		\$ 185,000.00		\$0.00		\$0.00
Two (2) Starter Panel NEMA 4X 316 Stainless Enclosure	1	LS		\$ -		\$ -	50,000.00	\$ 50,000.00		\$ -		\$ -
Total: Base Bid + Alternates				\$79,200.00		\$156,374.00		\$235,000.00		\$0.00		\$0.00
% Variance from Low Bid				0%		97.44%		134%		0.00%		0.00%
Multi-State Submersible Blowers Submittal Development (from date of PO Execution)		WK		6 wks		4-6 wks		12-14 wks				
Multi-State Submersible Blowers Fabrication & delivery (from Approval of Submittals)		WK		16 wks		14 wks		18-20 wks				
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		N		N				
% MWBE Participation		%		0%		0%		0%				
Qualification Forms Submitted		Y/N		Y		Y		Y				
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y				
Acknowledge Receipt of Bid Clarifications		Y/N		N		N		Y				

Ranking Tabulation	Weight	1	2	3	4	5
Bid Item		ATLAS COPCO	AERZEN USA	GARDNER DENVER	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	35.45	29.97	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	10.00	10.00	10.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	10.00	12.00		
Total Points	100%	90.00	55.45	51.97	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	ATLAS COPCO
Contract Value:	\$79,200.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	 12/20/24
City of Tomball David Esquivel	

Atlas-Copco



**Request For Proposal
Bid Form - Suppliers**

12/2/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.19
PACKAGE DESCRIPTION: DIGESTER BLOWERS
PROPOSER'S COMPANY NAME: Atlas Copco Compressors LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Seventy-nine thousand two-hundred
 In Figures: \$ 79,200

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 9,000.00	\$ 9,000.00
3	Division 43 - Rotary Lobe Positive Displacement Blowers	2	EA	\$ 35,100.00	\$ 70,200.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 79,200.00
4	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 79,200.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:	Duration	Wks/Days
Rotary Lobe Positive Displacement Blowers Submittal Development (from date of PO Execution):	<u>6</u>	Wks
Rotary Lobe Positive Displacement Blowers Fabrication & Delivery (from Approval of Submittals):	<u>16</u>	Wks

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	JSM	10/28/2024
Addendum No. 2	JSM	11/7/2024
Addendum No. 3	JSM	11/14/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		



**Request For Proposal
Bid Form - Suppliers**

12/2/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Installation, piping, elbows, spool pieces, piping hardware, piping gaskets, anchor bolts, housekeeping pads, and wiring to be provided by others.
- 2 Blowers require proper electrical protection.
- 3 2.02.A – Manufacturer does not provide or recommend washable filters. Improper maintenance can reduce the efficiency and damage the blowers.
- 4 2.02.B – Proposed blower includes integral inlet filter/silencer. No external silencer will be provided.
- 5 2.04.C – Blowers are indicated in this specification and shown in the drawings installed outdoors. No flanged inlet or inlet flexible connector is included in this
- 6 2.04.D – In lieu of gauges, these parameters are monitored and displayed in the integral local controller.
- 7
- 8
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

YES

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Atlas Copco Compressors LLC
 Contact Name and Title: Gatlin Gold
 Contact Phone Number: (281)-776-4941
 Signature: *Gatlin Gold*

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Arzen USA



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.19

PACKAGE DESCRIPTION: DIGESTER BLOWERS

PROPOSER'S COMPANY NAME: Aerzen USA

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: one hundred fifty-six thousand three hundred seventy-four dollars
In Figures: \$ 156,374

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 10,300.00	\$ 10,300.00
3	Division 43 - Rotary Lobe Positive Displacement Blowers	2	EA	\$ 73,037.00	\$ 146,074.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 156,374.00
4	Taxes (non-permanent material)			\$ -	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 156,374.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:		
Rotary Lobe Positive Displacement Blowers Submittal Development (from date of PO Execution):	Duration	Wks/Days
Rotary Lobe Positive Displacement Blowers Fabrication & Delivery (from Approval of Submittals):	<u>4 - 6 weeks</u>	<u>14 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		
Addendum No. 1	Initial	Date
Addendum No. 2	<u>LPD</u>	<u>31-Oct</u>
Addendum No. 3	<u>LPD</u>	<u>12-Nov</u>
Addendum No. 4	<u>LPD</u>	<u>18-Nov</u>
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:		
Bid Clarification No. 1	Initial	Date
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		



**Request For Proposal
Bid Form - Suppliers**

11/19/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)


- 1 Section 43 11 33; 1.04.B.6 - Aerzen is guaranteeing a free field sound level of 76 dBA based on ISO-2151 empirical data gathered in an ISO-3785 test facility. Project specific free field sound testing is not being provided.
- 2 Section 43 11 33; 1.07 - Aerzen is providing their standard warranty of 24 months after start up, 30 months after delivery, or whichever comes first.
- 3 Section 43 11 33; 2.02.D - Aerzen is guaranteeing a free field sound level of 76 dBA per ISO-2151 empirical data. Installed sound levels cannot be guaranteed as there are factors outside of the blower manufacturer's scope of supply that can adversely affect installed sound level readings (i.e. other machinery running, external piping configuration, facility layout...etc.).
- 4 Section 43 11 33; 2.04.B - Aerzen is providing their standard check valve, which shall be of the full-bore low pressure-drop, flapper type design with a steel body, and steel flap embedded in EPDM with full-contact seal.
- 5 Section 43 11 33; 2.04.C - Aerzen is providing their standard stub pipe. The flexible discharge connectors shall be a silicone reinforced sleeve secured with four (4) stainless steel sleeve clamps. The process connection will terminate with metal ANSI flange "stub pipe", axially restrained by the external process piping.
- 6 Section 43 11 33; 2.05 - Aerzen is providing their standard paint system and protective coating which is in line with industry best practice.
- 7 Section 43 11 33; Addendum - Addendum 1-3 has been received and reviewed.
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- 12
- 13
- 14
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):
If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Aerzen USA
 Contact Name and Title: Kurt Erickson, General Manager
 Contact Phone Number: (484) 798-2473
 Signature: 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Gardner Denver



**Request For Proposal
Bid Form - Suppliers**

11/25/2024

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW P1-01.19
PACKAGE DESCRIPTION: DIGESTER BLOWERS
PROPOSER'S COMPANY NAME: Pinnacle Industries LLC

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Blower \$185,000; Starter \$50,000
 In Figures: \$ Blower \$185,000; Starter \$50,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ -	\$ -
3	Division 43 - Rotary Lobe Positive Displacement Blowers	2	EA	\$ 92,500.00	\$ 185,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 185,000.00
4	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 185,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Two (2) Starter Panel NEMA 4X 316 Stainless Enclosure	1	LS	\$ 50,000.00	\$ 50,000.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Rotary Lobe Positive Displacement Blowers Submittal Development (from date of PO Execution):	<u>23</u>
Rotary Lobe Positive Displacement Blowers Fabrication & Delivery (from Approval of Submittals):	<u>20</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	JZ	11/8/2024
Addendum No. 2	JZ	11/8/2024
Addendum No. 3	JZ	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	JZ	11/12/2024
Bid Clarification No. 2	JZ	11/12/2024
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/25/2024

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 I have request a clarification on Addendum 3 if the blower vendor needs to supply the starter panel with no response
- 2
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: _____ Pinnacle Industries LLC
 Contact Name and Title _____ James Zientek - Sales
 Contact Phone Number: _____ 713-805-1153
 Signature _____ *James Zientek*

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.20 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Centrifuge | EWP1-01.20

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Centrifuge | EWP1-01.20

PLW Project #: P5R

Recommended Bidder: Andritz Separation

Six (6) companies were solicited to bid this scope of work to furnish all Centrifuge material, equipment and accessories required.

Two (2) companies fully submitted a bid on time.

Bidder 1: Andritz Separation

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Alfa Laval

This bidder was second lowest in cost and based on compliance with proposal terms and conditions, experience and qualifications, scored second on considered tabulation.

We recommend proceeding with the bid proposal from Andritz Separation based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Andritz Separation for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.20 - CENTRIFUGE | Spec. Sec. 46 76 33

Bid Tabulation	BUDGETED		ANDRITZ SEPARATION		ALFA LAVAL		BIDDER 3		BIDDER 4		BIDDER 5	
			HARTWELL		ENVIRONMENTAL IMPROVEMENTS							
			BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4						
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	20,131.00	\$ 20,131.00	\$ 23,925.00	\$ 23,925.00		\$ -		\$ -		\$ -
Division 46 - Dewatering Centrifuge	1	EA	329,369.00	\$ 329,369.00	\$ 407,075.00	\$ 407,075.00		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 349,500.00		\$ 431,000.00		\$ -		\$ -		\$ -
Normalization				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Normalization				\$ 349,500.00		\$ 431,000.00		\$ 0.00		\$ 0.00		\$ 0.00
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 349,500.00		\$ 431,000.00		\$ 0.00		\$ 0.00		\$ 0.00
% Variance from Low Bid				0%		23.32%		0.00%		0.00%		0.00%
Rotary Drum Thickeners Submittal Development (from date of PO Execution):		WK		4-6 wks		8-12 wks						
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):		WK		26-32 wks		34-38 wks						
Polymer Blending and Feed System Submittal Development (from date of PO Execution):		WK		4-6 wks		8-12 wks						
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):		WK		26-32 wks		34-38 wks						
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		N						
% MWBE Participation		%		0%		0%						
Qualification Forms Submitted		Y/N		Y		Y						
Acknowledge Receipt of Addenda		Y/N		Y		Y						
Acknowledge Receipt of Bid Clarifications		Y/N		Y		Y						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	ANDRITZ SEPARATION	ALFA LAVAL	0	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	56.76	#DIV/0!	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	12.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	12.00	12.00			
Total Points	100%	97.00	80.76	#DIV/0!	#DIV/0!	#DIV/0!

Date of Recommendation:	12/06/24
Recommended Vendor	ANDRITZ SEPARATION
Contract Value:	\$349,500.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

ANDRITZ SEPARATION



Request For Proposal
Bid Form - Suppliers
 Tomball South Wastewater Treatment Plant (TSWWTP)
 Expansion Project - CMAR

11/19/2024

PACKAGE NO.: EWP1-01.16
 PACKAGE DESCRIPTION: Dewatering Centrifuge
 PROPOSER'S COMPANY NAME: ANDRITZ SEPARATION TECHNOLOGIES INC.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: 349,500
 In Figures: \$ Three Hundred Forty Nine Thousand Five Hundred Dollars

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 20,131.00	\$ 20,131.00
3	Division 46 - Dewatering Centrifuge	1	EA	\$ 329,369.00	\$ 329,369.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 349,500.00
5	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 349,500.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	4 to 6 weeks
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	26 to 32 weeks after receipt of approved submittals
Polymer Blending and Feed System Submittal Development (from date of PO Execution):	4 to 6 weeks
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals):	26 to 32 weeks after receipt of approved submittals

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	SRW	10/22/2024
Addendum No. 2	SRW	11/6/2024
Addendum No. 3	SRW	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		



**Request for Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/19/2024

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1	SRW	11/12/2024
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): no

IF NO: Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: ANDRITZ SEPARATION TECHNOLOGIES INC.
 Contact Name and Title: Steve Walden Regional Sales Manager
 Contact Phone Number: 817-419-1768
 Signature: *Steve Walden* Steve Walden

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

ALFA LAVAL



Request For Proposal

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW1-01.20
 PACKAGE DESCRIPTION: CENTRIFUGE
 PROPOSER'S COMPANY NAME: Alfa Laval, Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Four Hundred and Thirty-one Thousand Dollars
 In Figures: \$ 431,000.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 23,925.00	\$ 23,925.00
3	Division 46 - Dewatering Centrifuge	1	EA	\$ 407,075.00	\$ 407,075.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 431,000.00
4	Taxes (non-permanent material)			NOTE: No taxes are included in our bid	\$ -
TOTAL BASE PROPOSAL PRICE					\$ 431,000.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE					
Identify the duration of the following schedule activities:		Duration Wks/Days			
Dewatering Centrifuge Submittal Development (from date of PO Execution):		8-12 weeks from fully executed PO			
Dewatering Centrifuge Fabrication & Delivery (from Approval of Submittals):		34-38 weeks from receipt of approved submittals and/or release to manufacture.			
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		Initial	Date		
Addendum No. 1		BD	10/22/2024		
Addendum No. 2		BD	11/6/2024		
Addendum No. 3		BD	11/12/2024		
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:		Initial	Date		
Bid Clarification No. 1					
Bid Clarification No. 2		BD	11/12/2024		
Bid Clarification No. 3					
Bid Clarification No. 4					
Bid Clarification No. 5					
Bid Clarification No. 6					
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS					
Please list all Assumptions & Clarifications below (Add additional line items as necessary)					
1	See Alfa Laval's proposal No. 1165966 - Centrifuge for list of clarifications and exceptions				
2					
3					
4					
5					



Request For Proposal

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

NO

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

See Attached Request for Modifications/Sample Subcontract markup

Company Name: Alfa Laval, Inc.

Contact Name and Title: John Moccerro, Capital Sales Manager - Western Region

Contact Phone Number: Ken Medlin 832-683-7205

Signature: Ken Medlin

Ken Medlin, Director of Water 281-253-1353

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

EWP1-01.22 Package

» Recommendation Letter

» Package Comparison Chart

» Recommended Bidder
Bid Form





Work Package Recommendation

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Slide Gates | EWP1-01.22

PLW Project #: P5R

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation.

Please review the following documents and accept or decline the recommendation.

- Bid Tabulation and Comparison Charts (Comp Charts)
- Proposal documents for Recommended Bidder
- Bid Forms for additional bidders

Your acceptance of our recommendation will initiate the contract process with the named vendor. However, contracts would not be executed until the applicable GMP proposal pricing has been accepted by the City Council.

Thank you,

PLW Waterworks Project Team



Work Package Recommendation Narrative

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion
Project

Slide Gates | EWP1-01.22

PLW Project #: P5R

Recommended Bidder: RW Gate

Thirteen (13) companies were solicited to bid this scope of work to furnish all Slide Gate material, equipment and accessories required.

Four (4) companies fully submitted a bid on time.

Bidder 1: RW Gate

The bidder was the lowest bidder, fulfilled all scope requirements and received the highest score on cost and considered tabulation.

Bidder 2: Fontaine-Aquanox

This bidder was the third lowest on cost and based on compliance with proposal terms and conditions and experience and qualifications, scored third on considered..... tabulation.

Bidder 3: Golden Harvest

This bidder was second lowest in cost, however, based on compliance with proposal terms and conditions and experience and qualifications, scored second on considered tabulation.

Bidder 4: Whipps, Inc.

This bidder was the highest in cost and based on compliance with proposal terms and conditions and experience and qualifications, scored fourth on considered tabulation.

We recommend proceeding with the bid proposal from RW Gate based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with RW Gate for this package.

City of Tomball, Texas: South Wastewater Treatment Plant (TSWWTP) Expansion Project

Bid Package EWP1_01.22 - SLIDE GATES | Spec. Sec. 40 05 50

Bid Tabulation	BUDGETED		RW GATE		FONTAINE-AQUANOX		GOLDEN HARVEST		WHIPPS, INC			
			ENVIRONMENTAL IMPROVEMENTS		MUNICIPAL VALVE							
Bid Item	Units	UOM	BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
			Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Division 1 - General Conditions	1	LS		\$ -		\$ -	\$ 12,000.00	\$ 12,000.00		\$ -		\$ -
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	1,500.00	\$ 1,500.00	6,764.00	\$ 6,764.00	3,400.00	\$ 3,400.00	8,000.00	\$ 8,000.00		\$ -
Division 40 - Fabricated Gates 12" x 12"	1	EA	7,540.00	\$ 7,540.00	5,367.00	\$ 5,367.00	6,800.00	\$ 6,800.00	11,169.00	\$ 11,169.00		\$ -
Division 40 - Fabricated Gates 24" x 18"	1	EA	8,122.00	\$ 8,122.00	5,727.00	\$ 5,727.00	8,800.00	\$ 8,800.00	11,664.00	\$ 11,664.00		\$ -
Division 40 - Fabricated Gates 24" x 24"	4	EA	8,033.25	\$ 32,133.00	7,783.00	\$ 31,132.00	9,600.00	\$ 38,400.00	13,065.00	\$ 52,260.00		\$ -
Division 40 - Fabricated Gates 26" x 26"	3	EA	8,127.66	\$ 24,383.00	7,818.00	\$ 24,383.00	9,000.00	\$ 27,000.00	12,671.67	\$ 38,015.00		\$ -
Division 40 - Fabricated Gates 36" x 36"	3	EA	10,570.66	\$ 31,712.00	9,572.00	\$ 31,712.00	13,200.00	\$ 39,600.00	15,341.00	\$ 46,023.00		\$ -
Division 40 - Fabricated Gates 42" x 42"	3	EA	11,140.00	\$ 33,420.00	12,086.33	\$ 36,258.99	13,600.00	\$ 40,800.00	17,771.67	\$ 53,315.00		\$ -
Division 40 - Fabricated Gates 72" x 36"	4	EA	19,997.25	\$ 79,989.00	19,714.00	\$ 78,856.00	15,800.00	\$ 63,200.00	19,513.50	\$ 78,054.00		\$ -
Division 40 - Portable Electric Operator	2	EA		\$ -	4,697.00	\$ 9,394.00		\$ -		\$ -		\$ -
Division 40 - Freight Charges	1	EA		\$ -	6,941.00	\$ 6,941.00		\$ -		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 218,799.00		\$ 220,199.99		\$ 240,000.00		\$ 298,500.00		\$ -
Normalization	1	LS		\$ -		\$ -		\$ -		\$ 0		\$ -
Total: Base Bid + Normalization				\$ 218,799.00		\$ 220,199.99		\$ 240,000.00		\$ 298,500.00		\$ 0.00
Two (2) Portable Electric Operators (Per Specification 40 05 50 Par. 2.03 G)	2	EA		\$ -	11,245.00	\$ 22,490.00		\$ -		\$ -		\$ -
Total: Base Bid + Alternates				\$ 218,799.00		\$ 242,689.99		\$ 240,000.00		\$ 298,500.00		\$ 0.00
% Variance from Low Bid				0%		1%		9.69%		36.43%		0%
Slide Gate Submittal Development (from date of PO Execution)		WK		4-6 wks		3-4 wks		6 wks		5-7 wks		
Slide Gate Submittal Delivery (from Approval of Submittals)		WK		14-18 wks		12-14 wks		22 wks		24-28 wks		
Proposal Terms and Conditions:												
Agreed to PLW T&C		Y/N		N		Y		N		Y		
% MWBE Participation		%		0%		0%		0%		0%		
Qualification Forms Submitted		Y/N		N		Y		Y		Y		
Acknowledge Receipt of Addenda		Y/N		Y		Y		Y		Y		

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	RW GATE	FONTAINE-AQUANOX	GOLDEN HARVEST	WHIPPS, INC	0
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score						
	70%	70.00	63.11	63.82	51.31	#DIV/0!
Experience and Qualifications						
	15%	12.00	15.00	12.00	15.00	
Compliance with Proposal Terms and Conditions (See list above)						
	15%	12.00	15.00	15.00	15.00	
Total Points						
	100%	94.00	93.11	90.82	81.31	#DIV/0!

Date of Recommendation:	12/10/24
Recommended Vendor	RW GATE
Contract Value:	\$218,799.00
Recommended By:	Triston Young, PLW Waterworks

ACCEPTANCE	
Freese & Nichols Murali Erat	12/20/24
City of Tomball David Esquivel	

RW GATE



Request For Proposal

11/18/2024

Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EW P1-01.22
 PACKAGE DESCRIPTION: SLIDE GATES
 PROPOSER'S COMPANY NAME: RW Gate Company

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: wo Hundred Eighteen Thousand Seven Hundred Ninety Nine Dolla
 In Figures: \$ \$218,799

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 1,500.00	\$ 1,500.00
3	Division 40 - Fabricated Gates 12" x 12"	1	EA	\$ 7,540.00	\$ 7,540.00
4	Division 40 - Fabricated Gates 24" x 18"	1	EA	\$ 8,122.00	\$ 8,122.00
5	Division 40 - Fabricated Gates 24" x 24"	4	EA	\$ 8,033.25	\$ 32,133.00
6	Division 40 - Fabricated Gates 26" x 26"	3	EA	\$ 8,127.66	\$ 24,383.00
7	Division 40 - Fabricated Gates 36" x 36"	3	EA	\$ 10,570.66	\$ 31,712.00
8	Division 40 - Fabricated Gates 42" x 42"	3	EA	\$ 11,140.00	\$ 33,420.00
9	Division 40 - Fabricated Gates 72" x 36"	4	EA	\$ 19,997.25	\$ 79,989.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 218,799.00
10	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 218,799.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Two (2) Portable Electric Operators (per Specification 40 05 50 Par. 2.03 G)	1	LS	\$ 11,245.00	\$ 22,490.00
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE					
Identify the duration of the following schedule activities:			Duration	Wks/Days	
Slide Gates Submittal Development (from date of PO Execution):			<u>4-6 weeks</u>		
Slide Gates Fabrication & Delivery (from Approval of Submittals):			<u>14-18 weeks</u>		
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:			Initial	Date	
Addendum No. 1			JD	10/22/2024	
Addendum No. 2			JD	11/6/2024	
Addendum No. 3			JD	11/12/2024	
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:			Initial	Date	
Bid Clarification No. 1					
Bid Clarification No. 2					
Bid Clarification No. 3					
Bid Clarification No. 4					
Bid Clarification No. 5					



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/18/2024

Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

1 tes are required to be pipe flange mounted: Flange attachments to be provided by others. Wall Pipe, if required, to be provided by others. We assume wall pipes will have a plain end that finishes flush with the ground.
 2') - If gates are required to be pipe flange mounted: Flange attachments to be provided by others. Wall Pipe, if required, to be provided by others. We assume wall pipes will have a plain end that finishes flush with the ground.
 3 inner (Item No. 09) - Flange attachments to be provided by others. Wall Pipe, if required, to be provided by others. We assume wall pipe will have a plain end that finishes flush with the ground.
 4 inner (Item No. 10) - Flange attachments to be provided by others. Wall Pipe, if required, to be provided by others. We assume wall pipe will have a plain end that finishes flush with the ground.
 5 PLEASE READ PROVIDED QUOTATION DOCUMENT (#QT01024329 rev 1) FOR FURTHER INFORMATION
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
 The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a [Request for Modifications/Sample Subcontract Markup](#) to this bid.

YES

Company Name: RW Gate Company
 Contact Name and Title: Jake Dubay - Technical Sales Engineer
 Contact Phone Number: 518-874-4750 ext 145
 Signature: Jake Dubay

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

**FONTAINE-
AQUANOX**



**Request For Proposal
Bid Form - Suppliers**

2024-11-18

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

PACKAGE NO.: EWP1-01.22
PACKAGE DESCRIPTION: SLIDE GATES
PROPOSER'S COMPANY NAME: Fontaine-Aquinox, a division of ISE Metal

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: two hundred thirty-two thousand six hundred ten
 In Figures: \$ 232,610.00

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services) (1 visit, 2 days on site)	1	LS	\$ 6 764.00	\$ 6 764.00
3	Division 40 - Fabricated Gates 12" x 12"	1	EA	\$ 5 367.00	\$ 5 367.00
4	Division 40 - Fabricated Gates 24" x 18"	1	EA	\$ 5 727.00	\$ 5 727.00
5	Division 40 - Fabricated Gates 24" x 24"	4	EA	\$ 7 783.00	\$ 31 132.00
6	Division 40 - Fabricated Gates 26" x 26"	3	EA	\$ 7 818.00	\$ 23 454.00
7	Division 40 - Fabricated Gates 36" x 36"	3	EA	\$ 9 572.00	\$ 28 716.00
8	Division 40 - Fabricated Gates 42" x 42"	3	EA	\$ 12 086.33	\$ 36 259.00
9	Division 40 - Fabricated Gates 72" x 36"	4	EA	\$ 19 714.00	\$ 78 856.00
10	Division 40 - Portable Electric Operator	2	EA	\$ 4 697.00	\$ 9 394.00
11	Division 40 - Freight Charges	1	EA	\$ 6 941.00	\$ 6 941.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 232 610.00
12	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 232 610.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE	
Identify the duration of the following schedule activities:	Duration Wks/Days
Slide Gates Submittal Development (from date of PO Execution):	<u>3-4 weeks</u>
Slide Gates Fabrication & Delivery (from Approval of Submittals):	<u>12-14 weeks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
Addendum No. 1	ES	10/22/2024
Addendum No. 2	ES	11/6/2024
Addendum No. 3	ES	11/12/2024
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		



**Request For Proposal
Bid Form - Suppliers**

2024-11-18

Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

- Bid Clarification No. 4
- Bid Clarification No. 5
- Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Note that gates, stop logs and stop plate frames cannot always be shipped 100% assembled and might require some field assembly. Stems need to be aligned, operators installed and long self contained gate frames (>10ft - 3m) assembled. This is part of gate installation and common to all manufacturers, per industry standards. Detailed instructions are available in our manuals available online.
- 2 Fontaine-Aquanox guide member has a design in which water loads are transferred through the assembly bolts.
- 3 Frame: The portion of the wall mounted guide, where the anchor bolt penetrates have a minimum thickness of 1/4-inch instead of 1/2-inch. We offer flange-back frames.
- 4 Stem Cover: We offer UV resistant clear PVC instead of lexan or butyrate.
- 5 Please note that the American Iron and Steel (AIS) requirement of projects funded by EPA's SRF do NOT apply to gates. Gates are mechanical equipment, and have been specifically excluded from the list of equipment covered by AIS requirements.
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS


This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.

The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a **Request for Modifications/Sample Subcontract Markup** to this bid.

Company Name: Fontaine-Aquanox, a division of ISE Metal
 Contact Name and Title: Enrique Scoccimarro, Inside Sales Rep
 Contact Phone Number: 819-769-0157
 Signature: 

Bid Evaluation Criteria:	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

GOLDEN HARVEST



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWP1-01.22
 PACKAGE DESCRIPTION: SLIDE GATES
 PROPOSER'S COMPANY NAME: Municipal Valve & Equipment

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Two Hundred Forty Thousand
 In Figures: \$ 240,000

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ 12,000.00	\$ 12,000.00
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 3,400.00	\$ 3,400.00
3	Division 40 - Fabricated Gates 12" x 12"	1	EA	\$ 6,800.00	\$ 6,800.00
4	Division 40 - Fabricated Gates 24" x 18"	1	EA	\$ 8,800.00	\$ 8,800.00
5	Division 40 - Fabricated Gates 24" x 24"	4	EA	\$ 9,600.00	\$ 38,400.00
6	Division 40 - Fabricated Gates 26" x 26"	3	EA	\$ 9,000.00	\$ 27,000.00
7	Division 40 - Fabricated Gates 36" x 36"	3	EA	\$ 13,200.00	\$ 39,600.00
8	Division 40 - Fabricated Gates 42" x 42"	3	EA	\$ 13,600.00	\$ 40,800.00
9	Division 40 - Fabricated Gates 72" x 36"	4	EA	\$ 15,800.00	\$ 63,200.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 240,000.00
10	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 240,000.00

SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -

SECTION 3 - SCHEDULE		
Identify the duration of the following schedule activities:		
Slide Gates Submittal Development (from date of PO Execution):	<u>6</u>	<u>Wks</u>
Slide Gates Fabrication & Delivery (from Approval of Submittals):	<u>22</u>	<u>Wks</u>

SECTION 4 - ADDENDA & BID CLARIFICATIONS		
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		
Addendum No. 1	<u>MW</u>	<u>15-Nov</u>
Addendum No. 2	<u>MW</u>	<u>15-Nov</u>
Addendum No. 3	<u>MW</u>	<u>15-Nov</u>
Addendum No. 4		
Addendum No. 5		
Addendum No. 6		
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:		
Bid Clarification No. 1		
Bid Clarification No. 2		
Bid Clarification No. 3		
Bid Clarification No. 4		
Bid Clarification No. 5		



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/18/2024

Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

- 1 Quote is valid for 30 days
- 2 Stainless steel anchor bolts are included, epoxy adhesive is by contractor
- 3 Startup Services Includes 1 Trip for 2 Days
- 4 Price does not include tariffs. If tariffs are imposed after bid date then we reserve the right to pass those costs on to the contractor.
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

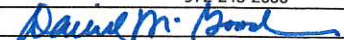
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

No

Company Name: Municipal Valve & Equipment
 Contact Name and Title: David McGoodwin
 Contact Phone Number: 972-248-2600
 Signature: 

<u>Bid Evaluation Criteria:</u>	Weighting Value
Description	
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

WHIPPS, INC



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/18/2024

PACKAGE NO.: EWPI-01.22
 PACKAGE DESCRIPTION: SLIDE GATES
 PROPOSER'S COMPANY NAME: Whipps Inc.

The undersigned, having carefully examined the Proposal Documents and the site of the proposed Work, and being familiar with existing conditions and obstacles under which the Work is to be performed, hereby offers and agrees to furnish all labor, materials, and services necessary to execute the proposed Work and has included all costs associated therewith in the preparation of its Proposal.

TOTAL BASE PROPOSAL PRICE:

In Words: Two Hundred Ninety Eight Thousand Five Hundred
 In Figures: \$ 298,500

SECTION 1 - DIRECT COST					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Division 1 - General Conditions	1	LS	\$ -	\$ -
2	Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 8,000.00	\$ 8,000.00
3	Division 40 - Fabricated Gates 12" x 12"	1	EA	\$ 11,169.00	\$ 11,169.00
4	Division 40 - Fabricated Gates 24" x 18"	1	EA	\$ 11,664.00	\$ 11,664.00
5	Division 40 - Fabricated Gates 24" x 24"	4	EA	\$ 13,065.00	\$ 52,260.00
6	Division 40 - Fabricated Gates 26" x 26"	3	EA	\$ 12,671.67	\$ 38,015.00
7	Division 40 - Fabricated Gates 36" x 36"	3	EA	\$ 15,341.00	\$ 46,023.00
8	Division 40 - Fabricated Gates 42" x 42"	3	EA	\$ 17,771.67	\$ 53,315.00
9	Division 40 - Fabricated Gates 72" x 36"	4	EA	\$ 19,513.50	\$ 78,054.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$ 298,500.00
10	Taxes (non-permanent material)				\$ -
TOTAL BASE PROPOSAL PRICE					\$ 298,500.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1		1	LS	\$ -	\$ -
2		1	LS	\$ -	\$ -
3		1	LS	\$ -	\$ -
4		1	LS	\$ -	\$ -
SECTION 3 - SCHEDULE					
Identify the duration of the following schedule activities:			Duration	Wks/Days	
Slide Gates Submittal Development (from date of PO Execution):			<u>5-7 Weeks</u>		
Slide Gates Fabrication & Delivery (from Approval of Submittals):			<u>24-28 Weeks</u>		
SECTION 4 - ADDENDA & BID CLARIFICATIONS					
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:			Initial	Date	
Addendum No. 1			GB	<u>11/18/24</u>	
Addendum No. 2			GB	<u>11/18/24</u>	
Addendum No. 3			GB	<u>11/18/24</u>	
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:			Initial	Date	
Bid Clarification No. 1					
Bid Clarification No. 2					
Bid Clarification No. 3					
Bid Clarification No. 4					
Bid Clarification No. 5					



**Request For Proposal
Bid Form - Suppliers**
Tomball South Wastewater Treatment Plant (TSWWTP)
Expansion Project - CMAR

11/18/2024

Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

Please list all Assumptions & Clarifications below (Add additional line items as necessary)

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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS

This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as amended.
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no):

 yes

IF NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.

Company Name: Whipps Inc.
 Contact Name and Title: Garrick Bassett Sales Estimator
 Contact Phone Number: 978-249-7924
 Signature:

<u>Bid Evaluation Criteria:</u>	
Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points
Technical Proposal	
Experience and Qualifications <i>(Provide Subcontractor/Supplier Information Form, Scope of Supply and Schedule)</i>	15 Points
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	15 Points
TOTAL	100 Points

Exhibit A.3 Basis of Allowances



Basis of GMP 1 Allowance Summary

Item	Type	Source (Location/Package)	Company	Item Description	Cost
1.01	Equipment Finalization	EWP1-01.18	Netsch	Sludge feed pump controls	\$ 5,000.00
1.02	Equipment Finalization	Multiple	Multiple	Manufacturer's Field Services	\$ 25,000.00
2.01	Design Alternate	EWP1-01.03	Huber Technology	Second Coarse Screen	\$ 250,000.00
2.02	Design Alternate	EWP1-01.16	Andritz	Second Rotary Drum Thickeners	\$ 223,818.00
				Allowance Total	\$ 503,818.00

Section 2: Schedule

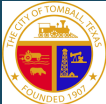


Exhibit B.1 Schedule Summary



Tomball - South WWTP Expansion Preconstruction Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	2025												2026																
					Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Tomball - South WWTP Expansion - Preconstruction - LIVE			331d	21-Jan-25	13-May-26																												
GMP1 Proposal			2d	21-Jan-25	23-Jan-25																												
A1540	Council Approval of GMP1	0d	21-Jan-25*																														
A1550	Execute GMP1 Contract	0d	22-Jan-25																														
A1560	GMP1 Construction Phase Notice to Proceed	0d	23-Jan-25																														
Construction Phase-1			340d	23-Jan-25	13-May-26																												
Early Work Packages (EWP)			340d	23-Jan-25	13-May-26																												
Purchasing			340d	23-Jan-25	13-May-26																												
EWP1_01.01_ Electrical Distribution Equipment Packages			340d	23-Jan-25	13-May-26																												
EWP1_01.01_Switchboards			340d	23-Jan-25	13-May-26																												
A1409	EWP1_01.01_Switchboards—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A1780	EWP1_01.01_Switchboards—Submittal Preparation and submission	50d	20-Feb-25	30-Apr-25																													
A2440	EWP1_01.01_Switchboards—Submittal Review and Approval	20d	01-May-25	28-May-25																													
A2450	EWP1_01.01_Switchboards—Fabrication and Delivery	250d	29-May-25	13-May-26																													
EWP1_01.01_Distribution Panelboards			210d	23-Jan-25	12-Nov-25																												
A8090	EWP1_01.01_Distribution Panelboards—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A8100	EWP1_01.01_Distribution Panelboards—Submittal Preparation and submission	20d	20-Feb-25	19-Mar-25																													
A8110	EWP1_01.01_Distribution Panelboards—Submittal Review and Approval	20d	20-Mar-25	16-Apr-25																													
A8120	EWP1_01.01_Distribution Panelboards—Fabrication and Delivery	150d	17-Apr-25	12-Nov-25																													
EWP1_01.01_MCCs			340d	23-Jan-25	13-May-26																												
A8130	EWP1_01.01_MCCs—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A8140	EWP1_01.01_MCCs—Submittal Preparation and submission	50d	20-Feb-25	30-Apr-25																													
A8150	EWP1_01.01_MCCs—Submittal Review and Approval	20d	01-May-25	28-May-25																													
A8160	EWP1_01.01_MCCs—Fabrication and Delivery	250d	29-May-25	13-May-26																													
EWP1_01.01_Industrial Control Panels			255d	23-Jan-25	14-Jan-26																												
A8170	EWP1_01.01_Industrial Control Panels—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A8180	EWP1_01.01_Industrial Control Panels—Submittal Preparation and submission	40d	20-Feb-25	16-Apr-25																													
A8190	EWP1_01.01_Industrial Control Panels—Submittal Review and Approval	20d	17-Apr-25	14-May-25																													
A8200	EWP1_01.01_Industrial Control Panels—Fabrication and Delivery	175d	15-May-25	14-Jan-26																													
EWP1_01.01_VFDs			290d	23-Jan-25	04-Mar-26																												
A8210	EWP1_01.01_VFDs—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A8220	EWP1_01.01_VFDs—Submittal Preparation and submission	50d	20-Feb-25	30-Apr-25																													
A8230	EWP1_01.01_VFDs—Submittal Review and Approval	20d	01-May-25	28-May-25																													
A8240	EWP1_01.01_VFDs—Fabrication and Delivery	200d	29-May-25	04-Mar-26																													
EWP1_01.03_Screening Equipment			220d	23-Jan-25	26-Nov-25																												
A7370	EWP1_01.03_Screening Equipment—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A7380	EWP1_01.03_Screening Equipment—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25																													
A7390	EWP1_01.03_Screening Equipment—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25																													
A7400	EWP1_01.03_Screening Equipment—Fabrication and Delivery	150d	01-May-25	26-Nov-25																													
EWP1_01.04_Submersible Pumps			150d	23-Jan-25	20-Aug-25																												
A7410	EWP1_01.04_Submersible Pumps—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A7420	EWP1_01.04_Submersible Pumps—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25																													
A7430	EWP1_01.04_Submersible Pumps—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25																													
A7440	EWP1_01.04_Submersible Pumps—Fabrication and Delivery	80d	01-May-25	20-Aug-25																													
EWP1_01.05_Fine Screens and Screening Washer Compactors			160d	23-Jan-25	03-Sep-25																												
A7450	EWP1_01.05_Fine Screens and Screening Washer Compactors—Execute Purchase Order	20d	23-Jan-25	19-Feb-25																													
A7460	EWP1_01.05_Fine Screens and Screening Washer Compactors—Submittal Preparation and submission	20d	20-Feb-25	19-Mar-25																													
A7470	EWP1_01.05_Fine Screens and Screening Washer Compactors—Submittal Review and Approval	20d	20-Mar-25	16-Apr-25																													
A7480	EWP1_01.05_Fine Screens and Screening Washer Compactors—Fabrication and Delivery	100d	17-Apr-25	03-Sep-25																													

 Remaining Level of Effort	 Actual Work	 Critical Remaining Work
 Actual Level of Effort	 Remaining Work	 ◆ ◆ Milestone

Date	Revision	Checked	Approved
10-Dec-24	Preconstruction Schedule		

Tomball - South WWTP Expansion Preconstruction Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	2025												2026					
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
A7840	EWP1_01.15_UV Systems—Fabrication and Delivery	130d	12-Jun-25	10-Dec-25	[Gantt bar from Jun to Dec 2025]																	
EWP1_01.16_Rotatory Drum Thickeners																						
A7850	EWP1_01.16_Rotatory Drum Thickeners—Execute Purchase Order	20d	23-Jan-25	19-Feb-25	[Gantt bar from Jan to Feb 2025]																	
A7860	EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission	50d	20-Feb-25	30-Apr-25	[Gantt bar from Feb to Apr 2025]																	
A7870	EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval	20d	01-May-25	28-May-25	[Gantt bar from May 2025]																	
A7880	EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery	110d	29-May-25	29-Oct-25	[Gantt bar from May to Oct 2025]																	
EWP1_01.18_Digested Sludge Pumps																						
A7890	EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order	20d	23-Jan-25	19-Feb-25	[Gantt bar from Jan to Feb 2025]																	
A7900	EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25	[Gantt bar from Feb to Apr 2025]																	
A7910	EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25	[Gantt bar from Apr 2025]																	
A7920	EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery	120d	01-May-25	15-Oct-25	[Gantt bar from May to Oct 2025]																	
EWP1_01.19_Digester Blowers																						
A7930	EWP1_01.19_Digester Blowers—Execute Purchase Order	20d	23-Jan-25	19-Feb-25	[Gantt bar from Jan to Feb 2025]																	
A7940	EWP1_01.19_Digester Blowers—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25	[Gantt bar from Feb to Apr 2025]																	
A7950	EWP1_01.19_Digester Blowers—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25	[Gantt bar from Apr 2025]																	
A7960	EWP1_01.19_Digester Blowers—Fabrication and Delivery	80d	01-May-25	20-Aug-25	[Gantt bar from May to Aug 2025]																	
EWP1_01.20_Centrifuge																						
A7970	EWP1_01.20_Centrifuge—Execute Purchase Order	20d	23-Jan-25	19-Feb-25	[Gantt bar from Jan to Feb 2025]																	
A7980	EWP1_01.20_Centrifuge—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25	[Gantt bar from Feb to Apr 2025]																	
A7990	EWP1_01.20_Centrifuge—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25	[Gantt bar from Apr 2025]																	
A8000	EWP1_01.20_Centrifuge—Fabrication and Delivery	160d	01-May-25	10-Dec-25	[Gantt bar from May to Dec 2025]																	
EWP1_01.22_Slide Gates and Weirs																						
A8010	EWP1_01.22_Slide Gates and Weirs—Execute Purchase Order	20d	23-Jan-25	19-Feb-25	[Gantt bar from Jan to Feb 2025]																	
A8020	EWP1_01.22_Slide Gates and Weirs—Submittal Preparation and submission	30d	20-Feb-25	02-Apr-25	[Gantt bar from Feb to Apr 2025]																	
A8030	EWP1_01.22_Slide Gates and Weirs—Submittal Review and Approval	20d	03-Apr-25	30-Apr-25	[Gantt bar from Apr 2025]																	
A8040	EWP1_01.22_Slide Gates and Weirs—Fabrication and Delivery	90d	01-May-25	03-Sep-25	[Gantt bar from May to Sep 2025]																	

■ Remaining Level of Effort
 ■ Actual Work
 ■ Critical Remaining Work
■ Actual Level of Effort
 ■ Remaining Work
 ◆ Milestone

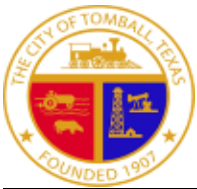
Date	Revision	Checked	Approved
06-Jan-25	Preconstruction Schedule		

Section 3: Contract Documents



Exhibit C.1 List of Plans

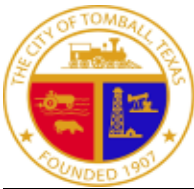




DRAWING LOG

City of Tomball
 South Wastewater Treatment Plant (TSWWTP)
 Expansion Project

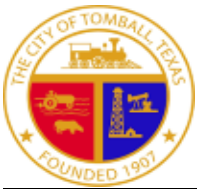
Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
GENERAL					
G-1	COVER SHEET	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-2	INDEX SHEET I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-3	INDEX SHEET II	2	10/22/2024	10/11/2024	ADDENDUM NO. 1
G-4	VICINITY MAP AND PROJECT LOCATION MAP	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-5	GENERAL NOTES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-6	STANDARD ABBREVIATIONS AND LEGEND I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-7	STANDARD ABBREVIATIONS AND LEGEND II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-8	EXISTING PROCESS FLOW DIAGRAM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-9	PROPOSED PROCESS FLOW DIAGRAM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-10	HYDRAULIC PROFILE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-S1	STRUCTURAL NOTES I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-S2	STRUCTURAL NOTES II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-A1	GENERAL NOTES & SYMBOLS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A2	GENERAL NOTES, ADA/TAS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A3	COARSE SCREEN DUMPSTER BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A4	AERATION BLOWER BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A5	ADMINISTRATION BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A6	MCC-D BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-H1	HVAC NOTES, SYMBOLS & ABBREVIATIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-P1	PLUMBING NOTES, SYMBOLS, DETAILS, & SCHEDULES	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SITE CIVIL					
C-1	EXISTING SITE AND DEMOLITION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-2	PROPOSED OVERALL SITE PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-3	ULTIMATE SITE UTILIZATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-4	SITE SURVEY CONTROL MAP 1 OF 2	0	7/13/2024	10/11/2024	EWP ISSUED FOR BID
C-5	SURVEY CONTROL MAP 2 OF 2	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
C-6	BORE LOCATION SITE PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-7	OVERALL YARD PIPING PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-8	CONTROL POINTS AND YARD PIPING PLAN I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-9	CONTROL POINTS AND YARD PIPING PLAN II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-10	CONTROL POINTS AND YARD PIPING PLAN III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-11	CONTROL POINTS AND YARD PIPING PLAN IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-12	CONTROL POINTS AND YARD PIPING PLAN V	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-13	CONTROL POINTS AND YARD PIPING PLAN VI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-14	MAJOR YARD PIPING PROFILE I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-15	MAJOR YARD PIPING PROFILE II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-16	MAJOR YARD PIPING PROFILE III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-17	MAJOR YARD PIPING PROFILE IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-18	MAJOR YARD PIPING PROFILE V	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-19	MAJOR YARD PIPING PROFILE VI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-20	MAJOR YARD PIPING PROFILE VII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-21	MAJOR YARD PIPING PROFILE VIII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-22	PIPE TRENCH DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-23	OVERALL PAVING PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-24	DETAILED PAVING PLAN (1 OF 4)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-25	DETAILED PAVING PLAN (2 OF 4)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-26	DETAILED PAVING PLAN (3 OF 4)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-27	DETAILED PAVING PLAN (4 OF 4)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-28	OVERALL GRADING PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-29	PAVING DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C-30	CITY OF TOMBALL DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
COARSE SCREEN					
CRS-M1	LIFT STATION DEMOLITION PLAN	4	11/12/2024	10/11/2024	ADDENDUM NO. 3
CRS-M2	LIFT STATION DEMOLITION SECTION	2	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-M3	COARSE SCREEN ISOMETRIC FRONT	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
CRS-M4	COARSE SCREEN ISOMETRIC BACK	1	11/12/2024	10/11/2024	ADDENDUM NO. 3
CRS-M5	COARSE SCREEN UPPER PLAN	1	11/12/2024	10/11/2024	ADDENDUM NO. 3
CRS-M6	COARSE SCREEN SECTIONS I	1	11/12/2024	10/11/2024	ADDENDUM NO. 3



DRAWING LOG

City of Tomball
 South Wastewater Treatment Plant (TSWWTP)
 Expansion Project

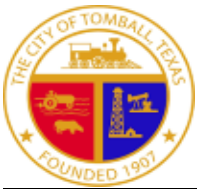
Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
CRS-M7	COARSE SCREEN SECTIONS II	1	11/12/2024	10/11/2024	ADDENDUM NO. 3
CRS-S1	COARSE SCREEN SECTIONAL PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-S2	COARSE SCREEN TOP PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-S3	COARSE SCREEN SECTION I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-S4	COARSE SCREEN SECTION II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
COARSE SCREEN DUMPSTER BUILDING					
CDB-S1	COARSE SCREEN DUMPSTER BUILDING FOUNDATION AND ROOF FRAMING PLANS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CDB-S2	COARSE SCREEN DUMPSTER BUILDING SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CDB-S3	COARSE SCREEN DUMPSTER BUILDING SECTIONS AND DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CDB-A1	COARSE SCREEN DUMPSTER BUILDING FLOOR, ROOF & REFLECTED CEILING PLANS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
CDB-A2	COARSE SCREEN DUMPSTER BUILDING ELEVATIONS AND SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
CDB-A3	COARSE SCREEN DUMPSTER BUILDING WALL SECTIONS AND DETAILS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
CDB-A4	COARSE SCREEN DUMPSTER BUILDING DETAIL	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
CDB-H1	COARSE SCREEN DUMPSTER BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
CDB-P1	COARSE SCREEN DUMPSTER BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
INFLUENT LIFT STATION					
ILS-M1	INFLUENT LIFT STATION ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M2	INFLUENT LIFT STATION UPPER PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M3	INFLUENT LIFT STATION LOWER PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M4	INFLUENT LIFT STATION SECTIONS I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M5	INFLUENT LIFT STATION SECTIONS II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-S1	INFLUENT LIFT STATION SECTIONAL AND TOP PLANS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ILS-S2	INFLUENT LIFT STATION CANOPY FRAMING PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ILS-S3	INFLUENT LIFT STATIONS SECTIONS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ILS-S4	INFLUENT LIFT STATIONS SECTIONS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ILS-S5	INFLUENT LIFT STATION SECTIONS AND DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HEADWORKS					
HDW-D1	HEADWORKS DEMOLITION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-D2	HEADWORKS DEMOLITION PLAN II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M1	HEADWORKS ISOMETRIC I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M2	HEADWORKS ISOMETRIC II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M3	HEADWORKS UPPER PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M4	HEADWORKS LOWER PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M5	HEADWORKS SECTIONS I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M6	HEADWORKS SECTIONS II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-M7	HEADWORKS SECTIONS III	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S1	HEADWORKS FOUNDATION PLAN AND SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S2	HEADWORKS SECTIONAL PLAN AND SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S3	HEADWORKS TOP PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S4	HEADWORKS ENLARGED PLANS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S5	HEADWORKS SECTIONS AND DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S6	HEADWORKS SECTIONS AND DETAILS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S7	HEADWORKS SECTIONS AND DETAILS III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S8	HEADWORKS SECTIONS AND DETAILS IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HEADWORKS DUMPSTER CANOPY					
HDW-S1	HEADWORKS DUMPSTER CANOPY FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S2	HEADWORKS DUMPSTER CANOPY ROOF FRAMING PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HDW-S3	HEADWORKS DUMPSTER CANOPY SECTIONS AND DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SPLITTER BOX					
SBX-M1	SPLITTER BOX ISOMETRIC	0	6/3/2024	10/11/2024	EWP ISSUED FOR BID
SBX-M2	SPLITTER BOX PLAN AND SECTION	0	6/3/2024	10/11/2024	EWP ISSUED FOR BID
SBX-S1	SPLITTER BOX FOUNDATION AND TOP PLANS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SBX-S2	SPLITTER BOX SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SBX-S3	SPLITTER BOX ELEVATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AERATION BASINS					
AER-M1	AERATION BASINS ISOMETRIC I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-M2	AERATION BASINS ISOMETRIC II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-M3	AERATION BASINS BASE PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-M4	AERATION BASINS SECTIONS I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID



DRAWING LOG

City of Tomball
 South Wastewater Treatment Plant (TSWWTP)
 Expansion Project

Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
AER-M5	AERATION BASINS SECTIONS II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-S1	AERATION BASINS FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S2	AERATION BASINS TOP PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S3	AERATION BASINS SECTIONS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S4	AERATION BASINS SECTIONS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S5	AERATION BASINS SECTIONS AND DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S6	AERATION BASINS SECTIONS AND DETAILS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S7	AERATION BASINS SECTIONS AND DETAILS III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AER-S8	AERATION BASINS SECTIONS AND DETAILS IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AERATION BASIN BLOWER BUILDING					
ABB-M1	AERATION BLOWER BUILDING ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ABB-M2	AERATION BLOWER BUILDING FLOOR PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ABB-M3	AERATION BLOWER BUILDING SECTIONS I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ABB-S1	AERATION BLOWER BUILDING FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ABB-S2	AERATION BLOWER BUILDING SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ABB-A1	AERATION BLOWER BUILDING FLOOR, REFLECTED CEILING & ROOF PLANS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ABB-A2	AERATION BLOWER BUILDING ELEVATIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ABB-A3	AERATION BLOWER BUILDING SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ABB-A4	AERATION BLOWER BUILDING WALL SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ABB-H1	AERATION BLOWER BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
FINAL CLARIFIERS NO. 3 AND 4					
FNC-M1	FINAL CLARIFIERS ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FNC-M2	FINAL CLARIFIERS NO. 3 PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FNC-M3	FINAL CLARIFIERS NO. 4 PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FNC-M4	FINAL CLARIFIERS SECTION I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FNC-M5	FINAL CLARIFIERS SECTIONS AND DETAILS	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FNC-S1	FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
FNC-S2	FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SCUM PUMP STATION NO. 2					
SPS-M1	SCUM PUMP STATION NO. 2 ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
SPS-M2	SCUM PUMP STATION NO. 2 FLOOR PLANS AND SECTIONS	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
SPS-S1	SCUM PUMP STATION FOUNDATION AND TOP PLANS AND SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
RAS/WAS PUMP STATIONS					
RPS-M1	RAS/WAS PUMP STATION NO. 1 ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-M2	RAS/WAS PUMP STATION NO. 1 PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-M3	RAS/WAS PUMP STATION NO. 1 SECTIONS	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-M4	RAS/WAS PUMP STATION NO. 2 ISOMETRIC	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-M5	RAS/WAS PUMP STATION NO. 2 FLOOR PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-M6	RAS/WAS PUMP STATION NO. 2 SECTIONS	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
RPS-S1	RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
RPS-S2	RAS/WAS PUMP STATION NO. 1 SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
RPS-S3	RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
RPS-S4	RAS/WAS PUMP STATION NO. 2 SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
TERTIARY FILTERS					
FIL-M1	FILTERS ISOMETRIC FRONT	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M2	FILTERS ISOMETRIC BACK	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M3	FILTERS FLOOR PLAN	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M4	FILTERS SECTIONS I	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M5	FILTERS SECTIONS II	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-S1	FILTERS FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
FIL-S2	FILTERS SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UV DISINFECTION					
UVD-M1	UVD DISINFECTION ISOMETRIC FRONT	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M2	UVD DISINFECTION ISOMETRIC BACK	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M3	UVD DISINFECTION FLOOR PLANS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M4	UVD DISINFECTION SECTION I	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M5	UVD DISINFECTION SECTION II	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
UVD-S1	UVD DISINFECTION OVERALL FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UVD-S2	UVD DISINFECTION T/STRUCTURE PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



DRAWING LOG

City of Tomball
 South Wastewater Treatment Plant (TSWWTP)
 Expansion Project

Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
UVD-S3	UVD DISINFECTION SECTIONS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UVD-S4	UVD DISINFECTION SECTIONS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UVD-S5	UVD DISINFECTION SECTIONS AND DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ROTARY DRUM THICKENERS					
TNR-D1	MECHANICAL THICKENER DEMOLITION	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M1	THICKENER ISOMETRIC	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M2	THICKENER UPPER PLAN	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M3	THICKENER LOWER PLAN	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M4	THICKENER CEILING PLAN	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M5	THICKENER SECTIONS I	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-M6	THICKENER SECTIONS II	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
TNR-S1	THICKENER FOUNDATION PLAN AND SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
TNR-S2	THICKENER TOP PLAN AND SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
TNR-S3	THICKENER SECTIONS AND DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DEWATERING BUILDING MODIFICATIONS					
DWB-D1	CENTRIFUGE DEMOLITION	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M1	DEWATERING BUILDING CENTRIFUGE ISOMETRIC	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M2	DEWATERING BUILDING CENTRIFUGE PLAN	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M3	DEWATERING BUILDING CENTRIFUGE SECTION I	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M4	DEWATERING BUILDING CENTRIFUGE SECTION II	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M5	DEWATERING BUILDING CENTRIFUGE SECTION III	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
DWB-M6	SLUDGE FEED PUMPS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
DWB-S1	DEWATERING BUILDING FOUNDATION PLAN AND SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DWB-H1	DEWATERING BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
VACUUM TRUCK RECEIVING STATION					
VRS-S1	RECEIVING STATION PLAN AND SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
MCC-D BUILDING					
MCD-S1	MCD-D BUILDING FOUNDATION PLAN & BUILDING SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
MCD-A1	MCD-D BUILDING FLOOR & ROOF PLANS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
MCD-A2	MCD-D BUILDING EXTERIOR ELEVATIONS & SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
MCD-A3	MCD-D BUILDING WALL SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
MCD-H1	MCD-D BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADMINISTRATION BUILDING					
ADB-S1	ADMINISTRATION BUILDING TOP PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ADB-S2	ADMINISTRATION BUILDING SECTIONS AND DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A1	ADMINISTRATION BUILDING DEMOLITION PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A2	ADMINISTRATION BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A3	ADMINISTRATION BUILDING REFLECTED CEILING AND ROOF PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A4	ADMINISTRATION BUILDING EXTERIOR ELEVATIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A5	ADMINISTRATION BUILDING BUILDING SECTIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-A6	ADMINISTRATION BUILDING ARCHITECTURAL DETAILS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-H1	ADMINISTRATION BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
ADB-P1	ADMINISTRATION BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
PROCESS & INSTRUMENTATION DIAGRAMS					
PI-1	LEGEND I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-2	LEGEND II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-3	COARSE SCREEN	3	11/12/2024	10/11/2024	ADDENDUM NO. 3
PI-4	LIFT STATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-5	HEADWORKS	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
PI-6	GRIT REMOVAL	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
PI-7	AERATION BASIN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-8	BLOWER BUILDING	3	11/12/2024	10/11/2024	ADDENDUM NO. 3
PI-9	EXISTING CLARIFIERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-10	PROPOSED CLARIFIERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-11	RAS/WAS PUMP STATION NO. 1	3	11/12/2024	10/11/2024	ADDENDUM NO. 3
PI-12	RAS/WAS PUMP STATION NO. 2	3	11/12/2024	10/11/2024	ADDENDUM NO. 3
PI-13	FILTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-14	UV DISINFECTION SYSTEM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-15	ROTARY DRUM THICKENERS	3	11/12/2024	10/11/2024	ADDENDUM NO. 3



DRAWING LOG

City of Tomball
 South Wastewater Treatment Plant (TSWWTP)
 Expansion Project

Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
PI-16	AEROBIC DIGESTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-17	CENTRIFUGE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-18	SOUTH WWTP EXPANSION GENERATOR	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
PI-19	SCADA ARCHITECTURE DIAGRAM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ELECTRICAL					
E-1	LEGEND I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-2	LEGEND II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-4	SITE PLAN	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
E-26	SWG1 DEMOLITION ONE-LINE DIAGRAM	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-27	MCCA DEMOLITION ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-28	MCCB DEMOLITION ONE-LINE DIAGRAM	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-29	MCCC DEMOLITION ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-30	MCCD DEMOLITION ONE-LINE DIAGRAM	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-31	MCCE DEMOLITION ONE-LINE DIAGRAM	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-32	DEMOLITION ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-33	EXISTING MCC ONE-LINE DIAGRAMS	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-34	EXISTING MCCF ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-35	PROPOSED MCCD ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-36	PROPOSED MCCE ONE-LINE DIAGRAM	3	11/12/2024	10/11/2024	ADDENDUM NO. 3
E-37	PROPOSED MCCG ONE-LINE DIAGRAM	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-38	CONTROL SCHEMATICS I	2	11/6/2024	10/11/2024	ADDENDUM NO. 2
E-39	CONTROL SCHEMATICS II	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-40	CONTROL SCHEMATICS III	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-41	CONTROL SCHEMATICS IV	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-42	CONTROL SCHEMATICS V	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
E-43	INTERCONNECTION DIAGRAM III	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
E-44	DUCT BANK DETAILS	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
E-45	PANELBOARD SCHEDULES	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
E-46	DETAILS 1	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
E-47	DETAILS 1I	?	8/9/2024	10/11/2024	EWP ISSUED FOR BID
STANDARD DETAILS					
SD-M1	STANDARD PROCESSES MECHANICAL DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M2	STANDARD PROCESSES MECHANICAL DETAILS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M3	STANDARD PROCESSES MECHANICAL DETAILS III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M4	STANDARD PROCESSES MECHANICAL DETAILS IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M5	STANDARD PROCESSES MECHANICAL DETAILS V	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M6	STANDARD PROCESSES MECHANICAL DETAILS VI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M7	STANDARD PROCESSES MECHANICAL DETAILS VI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M8	STANDARD PROCESSES MECHANICAL DETAILS VIII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M9	STANDARD PROCESSES MECHANICAL DETAILS IX	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M10	STANDARD PROCESSES MECHANICAL DETAILS X	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M11	STANDARD PROCESSES MECHANICAL DETAILS XI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M12	STANDARD PROCESSES MECHANICAL DETAILS XII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M13	STANDARD PROCESSES MECHANICAL DETAILS XIII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M14	STANDARD PROCESSES MECHANICAL DETAILS XIV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M15	STANDARD PROCESSES MECHANICAL DETAILS XV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M16	STANDARD PROCESSES MECHANICAL DETAILS XVI	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M17	STANDARD PROCESSES MECHANICAL DETAILS XVII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M18	STANDARD PROCESSES MECHANICAL DETAILS XVIII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M19	STANDARD PROCESSES MECHANICAL DETAILS XIX	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M20	STANDARD PROCESSES MECHANICAL DETAILS XX	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M21	STANDARD PROCESSES MECHANICAL DETAILS XXI	1	10/22/2024	10/11/2024	ADDENDUM NO. 1
SD-M22	STANDARD PROCESSES MECHANICAL DETAILS XXII	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-M23	STANDARD PROCESSES MECHANICAL DETAILS AIR AND NPW PIPE SUPPORTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-S1	STANDARD STRUCTURAL DETAILS I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-S2	STANDARD STRUCTURAL DETAILS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-S3	STANDARD STRUCTURAL DETAILS III	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-S4	STANDARD STRUCTURAL DETAILS IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
SD-A1	ARCHITECTURE AERATION BASIN BLOWER BUILDING DOOR & FRAME SCHEDULE	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID



DRAWING LOG

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Current Drawing No.	Current Drawing Title	Rev	Drawing Date	Received Date	Set Name
SD-A2	ARCHITECTURE AERATION BASIN BLOWER BUILDING FINISH SCHEDULE	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SD-A3	ARCHITECTURE AERATION BASIN BLOWER BUILDING DETAILS II	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SD-H1	HVAC DETAILS I	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SD-H2	HVAC DETAILS II	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SD-H3	HVAC SCHEDULES	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID

Exhibit C.2 List of Specifications





SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS					
00 01 10	TABLE OF CONTENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
00 52 36	CMAR CONSTRUCTION PHASE AGREEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR625	CERTIFICATE OF SUBSTANTIAL COMPLETION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR626	NOTICE OF ACCEPTABILITY	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR700	GENERAL CONDITIONS OF THE CMAR CONTRACT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR940	WORK CHANGE DIRECTIVE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR941	CHANGE ORDER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR942	FIELD ORDER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR943	CONTRACT AMENDMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 01 - GENERAL REQUIREMENTS					
01 11 00	SUMMARY OF WORK	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 23 10	ALTERNATES AND ALLOWANCES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 26 00	CHANGE MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 29 00	APPLICATION FOR PAYMENT PROCEDURES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 29 01	MEASUREMENT AND BASIS FOR PAYMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 00	PROJECT MANAGEMENT AND COORDINATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 13	PROJECT ADMINISTRATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 13.13	FORMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 00	DOCUMENT MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 01	DOCUMENT REGISTER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 02	SHOP DRAWINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 03	PRODUCT DATA	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 04	OPERATION AND MAINTENANCE DATA	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 05	CONSTRUCTION PROGRESS SCHEDULE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 06	GRAPHIC DOCUMENTATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 40 00	QUALITY MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
04 40 01	IBC SPECIAL INSPECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 50 00	TEMPORARY FACILITIES AND CONTROLS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 57 00	TEMPORARY CONTROLS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 57 23	TEMPORARY STORMWATER POLLUTION CONTROL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 60 00	PRODUCT REQUIREMENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 64 00	MANUFACTURER'S SERVICES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 70 00	EXECUTION AND CLOSEOUT REQUIREMENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 73 29	CUTTING AND PATCHING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS					
00 01 10	TABLE OF CONTENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
00 52 36	CMAR CONSTRUCTION PHASE AGREEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR625	CERTIFICATE OF SUBSTANTIAL COMPLETION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR626	NOTICE OF ACCEPTABILITY	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR700	GENERAL CONDITIONS OF THE CMAR CONTRACT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR940	WORK CHANGE DIRECTIVE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR941	CHANGE ORDER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR942	FIELD ORDER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CMAR943	CONTRACT AMENDMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 01 - GENERAL REQUIREMENTS					
01 11 00	SUMMARY OF WORK	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 23 10	ALTERNATES AND ALLOWANCES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 26 00	CHANGE MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 29 00	APPLICATION FOR PAYMENT PROCEDURES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 29 01	MEASUREMENT AND BASIS FOR PAYMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 00	PROJECT MANAGEMENT AND COORDINATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 13	PROJECT ADMINISTRATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 31 13.13	FORMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 00	DOCUMENT MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 01	DOCUMENT REGISTER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 02	SHOP DRAWINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 03	PRODUCT DATA	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 04	OPERATION AND MAINTENANCE DATA	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 05	CONSTRUCTION PROGRESS SCHEDULE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 33 06	GRAPHIC DOCUMENTATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 40 00	QUALITY MANAGEMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
04 40 01	IBC SPECIAL INSPECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 50 00	TEMPORARY FACILITIES AND CONTROLS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 57 00	TEMPORARY CONTROLS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 57 23	TEMPORARY STORMWATER POLLUTION CONTROL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 60 00	PRODUCT REQUIREMENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 64 00	MANUFACTURER'S SERVICES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 70 00	EXECUTION AND CLOSEOUT REQUIREMENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 73 29	CUTTING AND PATCHING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
01 74 23	FINAL CLEANING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 75 00	STARTING AND ADJUSTING	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
01 78 36	WARRANTIES AND SERVICE AGREEMENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 79 00	TRAINING OF OPERATION AND MAINTENANCE PERSONNEL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 02 - EXISTING CONDITIONS					
02 41 00	DEMOLITION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
01 96 00	TEMPORARY BYPASS PUMPING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 03 - CONCRETE					
03 11 00	CONCRETE FORMING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
03 21 00	REINFORCING STEEL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
03 30 00	CAST-IN-PLACE CONCRETE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 05 - METALS					
05 05 13	GALVANIZING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
05 50 00	METAL FABRICATIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
05 51 00	METAL STAIRS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
05 52 13	PIPE AND TUBING RAILINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
05 53 00	METAL GRATINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES					
06 10 00	ROUGH CARPENTRY	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
06 16 00	SHEATHING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
06 40 23	INTERIOR ARCHITECTURAL WOODWORK	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 07 - THERMAL AND MOISTURE PROTECTION					
07 21 00	THERMAL INSULATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIER	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
07 41 13	METAL ROOF PANELS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
07 42 13	METAL WALL PANELS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
07 62 00	SHEET METAL FLASHING AND TRIM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
07 92 00	JOINT SEALANTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 08 - OPENINGS					
08 11 13	HOLLOW METAL DOORS AND FRAMES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 16 13	FIBERGLASS REINFORCED POLYESTER (FRP) DOORS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 31 13	ACCESS DOORS AND FRAMES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 33 23	OVERHEAD COILING ALUMINUM DOORS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 51 13	ALUMINUM WINDOWS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 71 00	DOOR HARDWARE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
08 80 00	GLAZING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
08 90 00	LOUVERS AND VENTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 09 - FINISHES					
09 22 16	NON-STRUCTURAL METAL FRAMING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 29 00	GYPSUM BOARD	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 51 13	ACOUSTICAL PANEL CEILINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 65 13	RESILIENT WALL BASE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 91 00	PAINTING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 96 00.01	HIGH PERFORMANCE COATINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
09 96 01	CONCRETE PROTECTIVE COATINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 10 - SPECIALTIES					
10 14 00	SIGNAGE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
10 26 00	WALL AND DOOR PROTECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
10 44 01	FIRE EXTINGUISHERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 13 - SPECIAL CONSTRUCTION					
13 34 19	METAL BUILDING SYSTEMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 14 - CONVEYING EQUIPMENT					
14 95 00	WINCHES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 22 - PLUMBING					
22 00 01	PLUMBING SYSTEMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING					
23 00 00	HEATING, VENTILATING, AND AIR CONDITIONING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 01 30.51	HVAC AIR-DISTRIBUTION SYSTEM CLEANING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 05 29	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 05 63	COATINGS FOR HVAC DUCTS AND EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 05 93	TESTING, ADJUSTING, AND BALANCING FOR HVAC	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 07 13	DUCT INSULATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 31 13	METAL DUCTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 33 00	AIR DUCT ACCESSORIES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 37 13	DIFFUSERS, REGISTERS, AND GRILLES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 81 13	PACKAGED WALL-MOUNT AIR CONDITIONING UNITS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
23 81 26	SPLIT SYSTEM AIR-CONDITIONERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
DIVISION 26 - ELECTRICAL					
26 23 13	LOW VOLTAGE DISTRIBUTION TRANSFORMERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 24 13	SWITCHBOARDS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 24 16	PANELBOARDS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 24 16.01	DISTRIBUTION PANELBOARDS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 24 19	LOW VOLTAGE MOTOR CENTERS (MCCs)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 29 13.19	INDUSTRIAL CONTROL PANELS	1	11/6/2024	11/6/2024	ADDENDUM NO. 2
26 26 23.11	VARIABLE FREQUENCY DRIVES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
26 32 13	ENGINE GENERATORS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 31 - EARTHWORK					
31 23 10	STRUCTURAL EXCAVATION AND BACKFILL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
31 23 23.24	FLOWABLE FILL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
31 23 33	TRENCHING AND BACKFILLING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
31 23 36	TRENCH SAFETY	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
31 64 50	CASSION FOR LIFT STATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
31 73 00	CASSION GROUT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 33 - UTILITIES					
33 01 01	PLANT PIPING - GENERAL	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 01 02	PIPING SPECIALTIES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 01 03	SUPPORTS AND HANGERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 05 01.02	DUCTILE IRON PIPE AND FITTINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 05 01.09	POLYVINYL CHLORIDE (PVC) PRESSURE PIPE AND FITTINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 05 01.13	SANITARY SEWER PIPE (PVC)	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
33 05 05.31	HYDROSTATIC TESTING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 40 - PROCESS INTEGRATION					
40 05 23	STAINLESS STEEL PIPE AND FITTINGS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 43	MISCELLANEOUS VALVES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 50	FABRICATED GATES	1	10/22/2024	10/22/2024	ADDENDUM NO. 1
40 05 61	GATE VALVES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 62	ECCENTRIC PLUG VALVES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 64	BUTTERFLY VALVES	1	10/22/2024	10/22/2024	ADDENDUM NO. 1
40 05 65.23	SWING CHECK VALVES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 78	AIR RELEASE AND AIR AND VACUUM VALCES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 05 97	IDENTIFICATION FOR PROCESS PIPING AND EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 61 13	PROCESS CONTROL SYSTEM GENERAL PROVISIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
40 61 21	PROCESS CONTROL SYSTEM TESTING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 61 26	PROCESS CONTROL SYSTEM TRAINING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 61 93.01	PROCESS CONTROL SYSTEM INPUT/OUTPUT LIST	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
40 61 96.02	PROCESS CONTROL NARRATIVE - INFLUENT LIFT STATION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 62 13	SERVER COMPUTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 62 16	OPERATOR WORKSTATION COMPUTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 62 43	LARGE DISPLAY SCREENS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 62 63	OPERATOR INTERFACE TERMINALS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 63 43	PROGRAMMERABLE LOGIC CONTROLLERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 66 13	SWITCHES AND ROUTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 66 19	MEDIA CONVERTERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 66 33	METALLIC AND FIBER OPTIC COMMUNICATION CABLING AND CONNECTORS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 67 00	CONTROL PANELS AND HARDWARE	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
40 67 23	CONTROL SYSTEM CONSOLES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 68 13	PROCESS CONTROL HMI SOFTWARE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 68 63	CONFIGURATION OF HMI SOFTWARE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 70 00.01	INSTRUMENTATION LIST	0	11/12/2024	11/12/2024	ADDENDUM NO. 3
40 71 13	MAGNETIC FLOW MEASUREMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 71 66	TRANSIT TIME FLOW METERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 71 69	PARSHALL FLUME	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 71 76	THERMAL FLOW METERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 72 00	LEVEL MEASUREMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 73 00	PRESSURE MEASUREMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 73 13	PRESSURE GAUGES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 75 43	DISSOLVED OXYGEN ANALYZERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
40 90 01.01	INSTRUMENTATION LIST	0	11/12/2024	11/12/2024	ADDENDUM NO. 3
DIVISION 41 - MATERIAL PROCESSING & HANDLING EQUIPMENT					
41 22 23.26	TROLLEY HOISTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 43 - PROCESS GAS AND LIQUID HANDLING					
43 11 17	MULTI-STAGE CENTRIFUGAL BLOWERS	1	11/6/2024	11/6/2024	ADDENDUM NO. 3
43 11 33	ROTARY LOBE POSITIVE DISPLACEMENT BLOWERS	1	11/6/2024	11/6/2024	ADDENDUM NO. 3
DIVISION 44 - POLLUTION AND WAST CONTROL EQUIPMENT					
44 42 56.04	SOLIDS HANDLING SUBMERSIBLE PUMPS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
44 42 56.05	SUBMERSIBLE CHOPPER PUMPS	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
44 42 56.13	PROGRESSING CAVITY PUMPS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



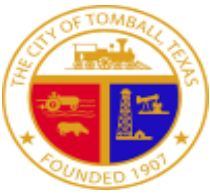
SPECIFICATIONS

City of Tomball
South Wastewater Treatment Plant (TSWWTP)
Expansion Project

Number	Description	Rev	Issued Date	Received Date	Set
44 42 56.14	ROTARY LOBE PUMPS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
44 42 66.13	FRP WEIRS AND SCUM BAFFLES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 46 - WATER AND WASTEWATER EQUIPMENT					
46 21 13	CHAIN AND RAKE BAR SCREEN	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 21 53	PERFORATED PLATE SCREENS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
46 21 73	SCREENINGS WASHING AND COMPACTING EQUIPMENT	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 23 23	VORTEX GRIT REMOVAL EQUIPMENT	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 33 33	POLYMER BLENDING AND FEED EQUIPMENT	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
46 41 23	SUBMERSIBLE MECHANICAL MIXERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
46 43 21	CIRCULAR CLARIFIER SLUDGE COLLECTORS	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 51 33	MEMBRANE DISC DIFFUSERS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
46 61 41	AUTOMATIC BACKWASH DISC FILTERS	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 66 56	UV DISINFECTION SYSTEM	1	10/22/2024	10/22/2024	ADDENDUM NO. 1
46 71 33	ROTARY DRUM THICKENERS	1	11/12/2024	11/12/2024	ADDENDUM NO. 3
46 76 33	DEWATERIING CENTRIFUGE	1	11/12/2024	11/12/2024	ADDENDUM NO. 3

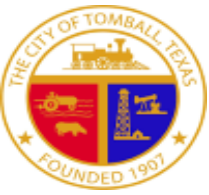
Exhibit C.3 Assumptions and Clarifications





GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
General	General	Natural Gas Generators will be supplied by the City.
General	General	Schedule included in proposal only includes activities through the fabrication and delivery of GMP1 equipment, based on lead times provided in supplier bid proposals.
Process Equipment	EWP1-01.04	Spec. Sec. 44 42 56.04, 1.04, D, Qty (4) NP-3171-095 Pump Tags (SP-ILS-01, SP-ILS-02, SP-ILS-03, SP-ILS-04) for Tomball EWP LS can meet 2B acceptance at 1,160 @59' TDH. pump will not meet 1U acceptance.
Process Equipment	EWP1-01.04	Spec. Sec. 44 42 56.04, 1.04, D, Qty (4) NP-3301.095- Pump Tags (SP-ILS-05, SP-ILS-06,) for Tomball EWP LS can meet 1B acceptance at 3,270 @75' TDH. pump will not meet 1U acceptance.
Process Equipment	EWP1-01.04	Spec. Sec. 44 42 56.04, 2.03, H- cooling jacket is self-contained and does not have provisions for external cooling and flushing
Process Equipment	EWP1-01.05	Spec. Sec. 26 29 23.11, 1.06, A, calls for a 3-year warranty on the VFD. Please note that Headworks has offered a 1-year warranty for the Screen Compactor Panel per the equipment section.
Process Equipment	EWP1-01.05	Exception: Per 46 21 53, 2.03, D, 4, a, 1, a sunshield is specified for the NEMA 7-rated local control station. Please note that Headworks is taking exception to this requirement, as the NEMA 7 enclosure is inherently designed for hazardous environments and does not require additional protection
Process Equipment	EWP1-01.05	Exception: 26 29 23.11, 1.01, B. VFDs are specified for the pumping units, though specific screen requirements are not outlined. The ultra-low harmonic feature is typically necessary for larger VFDs due to higher harmonic content. Given that we are utilizing smaller VFDs, we are taking exception to the ultra-low harmonic requirement in this section. Instead, Headworks will meet compliance using the Allen-Bradley 755 series VFDs with a 5% impedance line reactor, dv/dt filter which is appropriate for the specified application
Process Equipment	EWP1-01.06	Exceptions: Quick disconnect for grit concentrator (apex is large enough to view blockage)
Process Equipment	EWP1-01.06	Exceptions: Proximity switch (providing superior shaft power monitor that is panel mount and doesn't need cleaning)
Process Equipment	EWP1-01.06	Exceptions: Flush water solenoid valves
Process Equipment	EWP1-01.06	Exceptions: Sunshield
Process Equipment	EWP1-01.06	Exceptions: Belt drive for grit washer (direct drive is superior design)
Process Equipment	EWP1-01.08	Spec. Sec. 46 41 23, 2.02 C-2: Power cable is Flygt's Standard SUBCAB cable. NSSHOU cable is not available for this mixer
Process Equipment	EWP1-01.08	Spec. Sec. 46 41 23, 2.04 A: Non-sparking assembly not available
Process Equipment	EWP1-01.09	Spec. Sec. 43 11 17, 2.01.D – We have taken exception to the Hach SC4500 controller since it is suitable for 2 DO sensor inputs only. We have included a Hach SC1000 controller which is capable of handling 3 DO sensors as per Section 43 11 17, Point 2.05.E.
Process Equipment	EWP1-01.09	Spec. Sec. 43 11 17, 2.03.H – Exception is taken to this item. This is provided as part of the local controller.
Process Equipment	EWP1-01.10	Electrical Exceptions - 26 29 13.19_2.05.I: Elapsed time meter is proposed as manufactured by ENM in lieu of the manufacturers listed in specifications.
Process Equipment	EWP1-01.10	WesTech did not include the Density Current baffle system
Process Equipment	EWP1-01.11	44 42 56.05, 2.01.A- Single Disintegrator won't be provided as this pre-conditioning cutting device isn't utilized in municipal wastewater.



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
Process Equipment	EWP1-01.19	Spec. Sec. 43 11 33, 2.02.A - Manufacturer does not provide or recommend washable filters. Improper maintenance can reduce the efficiency and damage the blowers.
Process Equipment	EWP1-01.19	Spec. Sec. 43 11 33, 2.02.B – Proposed blower includes integral inlet filter/silencer. No external silencer will be provided.
Process Equipment	EWP1-01.19	Spec. Sec. 43 11 33, 2.04.D – In lieu of gauges, these parameters are monitored and displayed in the integral local controller.
Process Equipment	EWP1-01.19	Spec. Sec. 43 11 33, 2.02.C – Proposed blower includes manufacturer standard integral discharge silencer which uses not absorption material. This material can degrade over time and contaminate the process air.



**Construction Manager at Risk for the City of Tomball
Tomball South Wastewater Treatment Plant Expansion Project**

