City of Tomball



# Tomball South Wastewater Treatment Plant Expansion Project

## Guaranteed Maximum Price (GMP) #1 Proposal

December 10, 2024



	RECORD OF AMENDMENT								
Rev	<b>Revision Description</b>	<b>Revision Date</b>	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 <u>Date</u> 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

## Cover Letter

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,

Buile ator 2

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

	Gua	ranteed Maximum Price 1 Propos	al Cost Sun	nmary	
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	РО	Smith & Loveless	\$ 466,503.00
GMP 1	EWP1-01.07	Fine Bubble Disc Diffusers	РО	Stamford Scientific International, Inc	\$ 121,297.13
GMP 1	EWP1-01.08	Submersible Mixers	РО	Xylem-Flygt	\$ 130,411.00
GMP 1	EWP1-01.09	Aeration Basin Blowers	РО	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	РО	Vaughan	\$ 139,950.00
GMP 1	EWP1-01.12	RAS and WAS Pumps	РО	Boerger	\$ 170,000.00
GMP 1	EWP1-01.14	Automatic Backwash Disk Filters	РО	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	РО	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 CONTRACTOR FEES General Conditions Fee CMAR Fee CMAR Contingency GMP1 TOTAL	9.85% 9.75% 3.00%		\$ 7,589,176.35 \$ 747,533.87 \$ 739,944.69 \$ 227,675.29 \$ 9,304,330.21

# Exhibit A.2 Cost Detail





# EWP1-01.01 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form







## <u>Work Package Recommendation</u> 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								
	BUD	GETED		DDER 1	BIC	DER 2	BID	DER 3	BI	DDER 4	BI	DDER 5
Bid Item	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.	0 \$ 20,000.00		\$-		\$-		\$ -		\$-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$ 61,470.0	0 \$ 61,470.00		\$ -		\$-		\$ -		\$-
Division 26 - Switchboards	1	LS	\$ 307,350.0	0 \$ 307,350.00		\$-		\$-		\$ -		\$-
Division 26 - Distribution Panelboards	3	EA	\$ 10,245.	0 \$ 30,735.00		\$-		\$-		\$ -		\$-
Division 26 - Low Voltage Motor Centers (MCCs)	3	EA	\$ 133,185.0	0 \$ 399,555.00		\$-		\$-		\$ -		\$-
Division 26 - Industrial Control Panels	1	LS	\$ 153,675.0	0 \$ 153,675.00		\$-		\$-		\$ -		\$-
Division 26 - Variable Frequency Drives - for Submersible Pumps (44 42 56.04)	6	EA	\$ 25,612.0	0 \$ 153,672.00		\$-		\$-		\$ -		\$-
Division 26 - Variable Frequency Drives - for Multi-Stage Centrifugal Blowers (43 11 17)	4	EA	\$ 49,944.0	0 \$ 199,776.00		\$-		\$-		\$ -		\$-
Division 26 - Variable Frequency Drives - for Progressing Cavity Pumps (44 42 56.13)	1	EA	\$ 30,735.	0 \$ 30,735.00		\$-		\$-		\$ -		\$-
Division 26 - Variable Frequency Drives - for RAS/WAS pumps (44 42 56.14)	8	EA	\$ 24,972.0	0 \$ 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	ר				
Bid Item	W	eight	ANDREW JORDAN	0	0	0	0	]				
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	5	50%	50.00	#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

10%

30%

10%

100%

**Technical Proposal - Safety** 

Technical Proposal - Experience and Qualifications

Compliance with Proposal Terms and Conditions (See list above)

**Total Points** 

#### ACCEPTANCE

#DIV/0!

5.00

30.00

10.00

95.00

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

#DIV/0!

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## **Bid Cost Normalization**

# Description	Bido	der 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	\$	-	\$	-	\$	-	\$	-	
Т	OTAL \$	(199,776.00)	\$	-	\$	-	\$	-	

# Andrew Jordan Industrial



### Request For Proposal Bid Form - Suppliers Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

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 a	nd Filts	Six' Thousand Sevan Hund	red and	Forty Four Dollars
		In Figures: \$			Ş	1,556,744		
ECTION 1 + DIRECT COST	Sector States and States		and the state of the	C.L.	-			A. Carrier
ITEM	DESCRIPTION	STREET STREET STREET	QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - General C	Conditions		1 LS		\$	20,000.00	\$	20,000.00
2 Division 1 - Startup &	Commissioning, Testing, Training (Man	ufacturer's Services)	1 LS		\$	61,470.00	\$	61,470.00
3 Division 26 - Switchb	oards		1 EA		\$	307,350.00	\$	307,350.00
4 Division 26 - Distribut	tion Panelboards		3 EA		\$	10,245.00	\$	30,735.00
5 Division 26 - Low Vol	tage Motor Centers (MCCs)		3 EA		\$	133,185.00	\$	399,555.00
6 Division 26 - Industria	al Control Panels		1 LS		\$	153,675.00	\$	153,675.00
7 Division 26 - Variable	Frequency Drives - for Submersible Pur	nps (44 42 56.04)	6 EA		\$	25,612.00	\$	153,672.00
8 Division 26 - Variable	Frequency Drives - for Multi-Stage Cent	trifugal Blowers (43 11 17)	4 EA		\$	49,944.00	\$	199,776.00
9 Division 26 - Variable	Frequency Drives - for Progressing Cavi	ty 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	New All and the second		14 A		IV-II OK	ş	1,556,744.00
11 Bonds							\$	-
12 Taxes (non-permane	nt material)						\$	
		TOTAL BASE	PROPOSAL	PRICE			\$	1,556,744.00
SECTION 2 - ALTERNATES 8	& VALUE ENGINEERING				12	and the second		and a second second
PHASE II - IV FEE PROPOSAL	TOTAL		Covera -	-10000000		( T 10 3 10 14 15		
1 Preconstruction Serv	ices Fee		1 LS				\$	1.1
2 Construction Phase F	ee							05
3 Construction Phase C	General Conditions Fee							09
DEFINED & PROPOSED ALTE	RNATES			PRICE.		Stor II. 3		
ITEM +	DESCRIPTION		QTY	UNIT		UNIT COST		COST
1 Supplier Equipment	Storage		115		\$	42,000,00	\$	42,000,00

ITEM		DESCRIPTION	QTY	UNIT	ι	INIT COST	COST
1 Suppli	er Equipment Storage			1 LS	\$	42,000.00	\$ 42,000.00
2				1 ال	\$	-	\$
3				1 LS	\$		\$ 26
4				1 LS	\$		\$
							- 12 A



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

SECTI	DN 3 - SCHEDULE	and the state of the	1117211月五日日	AND MERCENCER	185
identi	fy the duration of the following schedule activities:	Duration	Wks/Days		
146111	Switchboard Submittal Development (from date of PO Execution):		WRS/ Days		
		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	C. In PLANE SALES		and the state
SECTI	DN 4 - ADDENDA & BID CLARIFICATIONS		Street Street -	the state of the s	ALC: NO
0 alua a	wledge Receipt of Addenda by Adding Date Issued and Initial below:	L-lat-1			
ACKIC	Addendum No. 1. dated 10/22/2024	Initial	Date		
	Addendum No. 2 dated 11/06/2024				
	Addendum No. 3 dated 11/12/2024				
÷	Addendum No. 4				
	Addendum No. 5				
	Addendum No. 6				
Ackne	weeke Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date		
	Bid Clarification No. 1 001 dated 11/01/2024	IIItidi	Date		
	Bid Clarification No. 2				
	Bid Clarification No. 3				
	Bid Clarification No. 4				
	Bid Clarification No. 5				
	Bid Clarification No. 6				
_		1.0			
SECTI	ON 5 - ASSUMPTIONS AND CLARIFICATIONS		SHEL_9113822	Mar 136	22122
Please	e list all Assumptions & Clarifications below (Add additional line Items as necessary)		The state of the second se		6000
1					
2					
3					
5					
6					
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9					
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1					
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#### Request For Proposal Bid Form - Suppliers 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 the last.



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	mile non				

Bid Evaluation Criteria:	
Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost	50 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Proposal	
Safety (EMR & TRIR)	10 Points
(Provide your current Workers Compensation Experience Rating (EMR) and current Total Recordable	
Experience and Qualifications	30 Points
(Provide Subcontrator Information Form, Scope of Work and Schedule)	
Compliance with Proposal Terms and Conditions	
Conformance with Bid Package Requirements	10 Points
(Any exclusions to the contract documents or design requirements Need to be listed on company's	
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 abovementioned 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 FWP1 01 03 - COARSE SCREENS AND SCREENING WASHER COMPACTORS | Spec Sec 46 21 13 46 21

	Bid	Package EV	VP1_01.03 - COAR	SE SCREENS AN	D SCREENING W	ASHER COMPAC	TORS   Spec. S	ec. 46 21 13, 46 2	21 73				
Bid Tabulation			Huber Techr	nology, Inc	Headwo	orks, Inc.	Vulcan In	dustries					
			<b>Environmental Im</b>	provements Inc.			HRM Envir	onmental					
	BUDO	GETED	BIDDE	R 1	BIDE	DER 2	BIDD	DER 3	B	BIDDER 4	E	BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Tot	al 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		\$ - 9	\$ 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 - Screwpactor	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%		C	.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):		WК		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	We	eight	Huber Technology, Inc	Z Headworks, Inc.	S Vulcan Industries	0	0						
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score		0%	70.00	62.33	61.67	#DIV/0!	#DIV/0!						
Experience and Qualifications		5%	12.00	10.00	15.00								
Compliance with Proposal Terms and Conditions (See list above)		5%	10.00	10.00	15.00								
Total Deinte	10	200/	02.00	02.22	04.67	#DIV / 01	#DIV//01						

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

100%

**Total Points** 

#### ACCEPTANCE

82.33

92.00

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

91.67

#DIV/0!

#DIV/0!

## **Bid Cost Normalization**

#	Description	Bide	der 1	Bide	der 2	Bidder 3		Notes
	1 Division 40 - Control Panel Testing Requirements	\$	-	\$	65 <i>,</i> 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





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

PACKAGE NO.:	EWP1-01.03

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 Co	nditions	1 <b>L</b>	S	\$ 26,501.00	\$ 26,501.00
2 Division 1 - Startup & C	ommissioning, Testing, Training (Manufacturer's Services)	1 <b>L</b>	S	\$ 12,250.00	\$ 12,250.00
3 Division 46 - Chain-and	rake bar screens	2 E	A	\$ 206,777.74	\$ 413,555.48
4 Division 46 - Screening	Washing and Compacting Equipment	2 E	A	\$ 74,100.76	\$ 148,201.52
CONSTRUCTION BASE PRICE P	ROPOSAL TOTAL				\$ 600,508.00
5 Taxes (non-permanent	material)				\$ -
		TOTAL BASE PROPOSA	AL PRICE		\$ 600,508.00

SECTION 2 - ALTERNATES &	k VALUE ENGINEERING			
ITEM	DESCRIPTION	QTY UNIT	UNIT COST	соят
1 Removal of Second S	creening 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):	4-6 Wks
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):	22-30 Wks
Screening Washing and Compacting Submittal Development (from date of PO Execution):	4-6 Wks
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	22-30 Wks



CHON 4 -	ADDENDA & BID CLARIFICATIONS		
cknowledge	Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date
-	dum No. 1	EG	10/22/2024
Adden	dum No. 2	EG	11/6/2024
Adden	dum No. 3	EG	11/4/2024
Adden	dum No. 4		
Adden	dum No. 5		
Adden	dum No. 6		
knowledge	Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
Bid Cla	rification No. 1		
Bid Cla	rification No. 2		
Bid Cla	rification No. 3		
Bid Cla	rification No. 4		
Bid Cla	rification No. 5		
Bid Cla	rification No. 6		
ease list all A	ASSUMPTIONS AND CLARIFICATIONS Assumptions & Clarifications below (Add additional line items as necessary)		
ease list all A 1	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and lov	·	
ease list all A 1	Assumptions & Clarifications below (Add additional line items as necessary)	lowever, special lo	ower sprocket, bearing, and chain tension measuring
ease list all A 1	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and lov 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H	lowever, special lo on the channel flo	ower sprocket, bearing, and chain tension measuring por.
ease list all A 1 2 46 2 3	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and lov 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed	lowever, special lo on the channel flo ports of minimum	ower sprocket, bearing, and chain tension measuring oor. 5/32 inch thick.
ease list all A 1 2 46 2 3 4 46 21	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake supp 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBEF th installation serve	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00
ease list all A 1 2 46 2 3 4 46 21	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBER th installation ser ng, as specified.	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yea
ease list all A 1 2 46 2 3 4 46 21 5 46 21 6 7 46 2	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBEF th installation ser ng, as specified. motor service fact e to situations ou e of producing flov	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yea or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginning
ease list all A 1 2 46 2 3 4 46 21 5 46 21 6 7 46 2	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a l 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du the of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBEF th installation ser ng, as specified. motor service fact e to situations our of producing flov ardless of the com	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yea or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginnin pletion of testing.
ease list all / 1 2 46 2 3 4 46 21 5 46 21 6 7 46 2 preser	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and lov 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a l 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du to f testing, HUBER warranty shall commence rega	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBER th installation ser ng, as specified. motor service fact e to situations ou e of producing flov ardless of the com	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yea or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginnin upletion of testing. d washing compactors.
ease list all A 1 2 46 2 3 4 46 21 5 46 21 6 7 46 2 preser 8	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a l 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du ice of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable of testing, HUBER warranty shall commence rega	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBEF th installation ser- ng, as specified. motor service fact e to situations ou e of producing flov ardless of the com for the screens an ass bodied soleno	ower sprocket, bearing, and chain tension measuring oor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yes or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginnin pletion of testing. d washing compactors. id valves.
ease list all A 1 2 4 4 4 4 6 7 4 6 7 4 6 2 4 6 2 1 5 4 6 2 1 8 6 2 1 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a to 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du ince of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable of testing, HUBER warranty shall commence rega HUBER will provide TNEMEC motor and gear coating f 46 21 73-2.02-C.: HUBER will provide br	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBEF th installation ser- ng, as specified. motor service fact e to situations our of producing flow ardless of the com for the screens an ass bodied soleno ne Coarse Screen f	over sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) ye or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginnin pletion of testing. d washing compactors. id valves. Compactor.
ease list all <i>A</i> 1 2 4 4 4 4 6 7 4 6 7 4 6 7 4 6 2 9 10	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and low 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a H 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du for of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable of testing, HUBER warranty shall commence rega HUBER will provide TNEMEC motor and gear coating f 46 21 73-2.02-C.: HUBER will provide br 46 21 73-2.02-C.: HUBER will provide st	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBER th installation ser- ng, as specified. motor service fact e to situations our e of producing flow ardless of the com- for the screens an ass bodied soleno ne Coarse Screen for the Coarse Screen for	ower sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) ye or of 1.0. tside of the control of the manufacturer, such as the ws suitable for testing within 2 weeks of the beginni pletion of testing. d washing compactors. id valves. Compactor.
ease list all <i>A</i> 1 2 4 4 4 4 6 7 4 6 7 4 6 7 4 6 2 9 10 11	Assumptions & Clarifications below (Add additional line items as necessary) 46 21 13-2.01-A.: HUBER will provide an upper and lov 1 13-2.02-C.: Routine maintenance can be performed on the operation floor. H maintenance must be completed 46 21 13-2.04-C.: HUBER will provide rake sup 13-2.04-D.: Addendum 3 revises the chains maximum load from 56,000 lbs. to lbs. 13-2.04-H.: HUBER is providing one (1) lower bearing/bottom revolving disk wi warranty for the lower beari 46 21 13-2.05-E.: HUBER will provide a u 1 13-3.02-C.: Please note the HUBER warranty start date cannot be delayed du ice of 4 MGD of flow for seven (7) consecutive days. If the facility is not capable of testing, HUBER warranty shall commence rega HUBER will provide TNEMEC motor and gear coating f 46 21 73-2.02-C.: HUBER will provide as th 46 21 73-2.05-B.: HUBER will provide as th 46 21 73-2.05-B.: HUBER will provide as th	lowever, special lo on the channel flo ports of minimum 24,000 lbs. HUBER th installation ser ng, as specified. motor service fact e to situations our of producing flov ardless of the com for the screens an ass bodied soleno ne Coarse Screen for the Coarse Screen for	over sprocket, bearing, and chain tension measuring bor. 5/32 inch thick. R will provide the initial chain maximum load of 56,00 vices for replacement, all covered under a five (5) yes or of 1.0. tside of the control of the manufacturer, such as the vs suitable for testing within 2 weeks of the beginnin pletion of testing. d washing compactors. id valves. Compactor. Compactor.



#### 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 gualifications 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: HUBER Technology, Inc.

Contact Name and Title \_\_\_\_\_ Johan van Ettekoven, Regional Sales Director - Central

Contact Phone Number: (704) 990-2442

Signature

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

# Headworks, Inc.





Expansion Project - CMAR

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:

ECTION 1 - DIRECT CO			0774	LINUT	-	UNIT COST	-	TOTAL COST
TEM	DESCRIPTION		QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - Gene	eral Conditions		1	LS	\$	12.4	\$	
2 Division 1 - Start	up & Commissioning, Testing, Training (Manufacturer's Se	rvices)	1	LS	\$	12.5	\$	17/2
3 Division 46 - Cha	in-and-rake bar screens		2	EA	\$	242,719.50	\$	485,439.0
4 Division 46 - Scre	eening Washing and Compacting Equipment - Transpactor		1	EA	\$	63,698.00	\$	63,698.0
5 Division 46 - Scre	eening Washing and Compacting Equipment - Screwpactor	r	1	EA	\$	62,323.00	\$	62,323.0
ONSTRUCTION BASE P	RICE PROPOSAL TOTAL						\$	611,460.0
5 Taxes (non-perm	anent material)						\$	37
		TOTAL BASE	PROPOS	AL PRICE			\$	611,460.0

ITEM DESCRIPTION		QTY	UNIT	ι	UNIT COST	COST
1 Division 40 - (Adder) Control Panel Testing Requirem	ents	1 L	s	\$	65,858.00	\$ 65,858.00
2 Division 26 - (Adder) Three Year VFD Warranty		1 L:	s	\$	8,281.00	\$ 8,281.00
3 (Deduct) Second Screening Unit (CS-CRS-02) & Washer Co	npactor (WC-CRS-02) (Transpactor)	1 L	S	\$	286,853.00	\$ 286,853.00
4		L:	S	\$	-	\$ -

#### 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):	3-4 Weeks
Chain-and-bar screens Fabrication & Delivery (from Approval of Submittals):	16-20 Weeks
Screening Washing and Compacting Submittal Development (from date of PO Execution):	3-4 Weeks
Screening Washing and Compacting Fabrication & Delivery (from Approval of Submittals):	16-20 Weeks



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

## SECTION 4 - ADDENDA & BID CLARIFICATIONS

knowledge 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		
knowledge 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. 5		
Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS		
Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS ease list all Assumptions & Clarifications below (Add additional line items as necessary)		
Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS		
Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS ease list all Assumptions & Clarifications below (Add additional line items as necessary)		
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Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS rase list all Assumptions & Clarifications below (Add additional line items as necessary)		
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Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS rase list all Assumptions & Clarifications below (Add additional line items as necessary)		
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Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS ease list all Assumptions & Clarifications below (Add additional line items as necessary)		
Bid Clarification No. 6 CTION 5 - ASSUMPTIONS AND CLARIFICATIONS ease list all Assumptions & Clarifications below (Add additional line items as necessary)		



#### 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 do 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)

tulu. Signature

Bid Evaluation Criteria:		
Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost	1	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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

# **Vulcan Industries**





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

PACKAGE NO.:	EWP1-01.03
-	

**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

2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)1 LS\$ 58,000.00\$ 58,000.003 Division 46 - Chain-and-rake bar screens2 EA\$ 232,500.00\$ 465,0004 Division 46 - Screening Washing and Compacting Equipment2 EA\$ 74,000.00\$ 148,000CONSTRUCTION BASE PRICE PROPOSAL TOTAL\$ 693,000\$ 5 Taxes (non-permanent material)\$ 5 Taxes (non-permanent material)	ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
3 Division 46 - Chain-and-rake bar screens       2 EA       \$ 232,500.00       \$ 465,000         4 Division 46 - Screening Washing and Compacting Equipment       2 EA       \$ 74,000.00       \$ 148,000         CONSTRUCTION BASE PRICE PROPOSAL TOTAL       \$ 693,000       \$ 5 Taxes (non-permanent material)       \$ 5 Taxes (non-permanent material)	1 Division 1 - Gene	ral Conditions	1 <b>L</b> S	;	\$ 22,000.00	\$ 22,000.00
4 Division 46 - Screening Washing and Compacting Equipment       2 EA       \$ 74,000.00       \$ 148,000         CONSTRUCTION BASE PRICE PROPOSAL TOTAL       \$ 693,000       \$ 693,000         5 Taxes (non-permanent material)       \$ 148,000	2 Division 1 - Startu	p & Commissioning, Testing, Training (Manufacturer's Services)	1 <b>L</b> S	5	\$ 58,000.00	\$ 58,000.0
CONSTRUCTION BASE PRICE PROPOSAL TOTAL     \$     693,000       5 Taxes (non-permanent material)     \$	3 Division 46 - Chai	n-and-rake bar screens	2 E/	4	\$ 232,500.00	\$ 465,000.0
5 Taxes (non-permanent material)	4 Division 46 - Scre	ening Washing and Compacting Equipment	2 E/	4	\$ 74,000.00	\$ 148,000.00
	CONSTRUCTION BASE PE	RICE PROPOSAL TOTAL				\$ 693,000.00
TOTAL BASE PROPOSAL PRICE \$ 693.000	5 Taxes (non-perm	anent material)				\$ -
¢ 055,000		то	TAL BASE PROPOSA	L PRICE		\$ 693,000.00

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	соят
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	\$ -	\$ -

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

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

Addendum No. 5		
Addendum No. 6		
mowledge 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		
TION 5 - ASSUMPTIONS AND CLARIFICATIONS		
ase 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		
14 15		
13		
TION 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 amer	ided.	
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving p		
		s the right to reject the Bid of any Bidder if the CMAR believe
Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Al		
Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Al that it would not be in the best interest of the Project to make an award to that Bidder, whether becau or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, th	se the Bid is not respo e CMAR will consider t	nsive, or the Bidder is unqualified or of doubtful financial abi the qualifications of the Bidders, whether the Bids comply wi
Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Al that it would not be in the best interest of the Project to make an award to that Bidder, whether becau	se the Bid is not respo e CMAR will consider t	nsive, or the Bidder is unqualified or of doubtful financial abi the qualifications of the Bidders, whether the Bids comply wi
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Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

<b>Technical Proposal</b> Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		15 Points
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

## EWP1-01.04 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form







## <u>Work Package Recommendation</u> 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 abovementioned 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



## <u>Work Package Recommendation Narrative</u> 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 Equipm	ent Co, Inc.									
	BUD	GETED	BIDDE	R 1	BII	DDER 2	BI	DDER 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	То	otal Cost
Division 1 - General Conditions	1	LS	-	\$-		\$ -		\$-		\$-		\$	-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	2,234.00	, ,		\$ -		\$ -		\$ -		\$	
Division 8 - Access Doors (SP-ILS-01 to 04)	4	EA	2,750.00	, ,									
Division 8 - Access Doors (SP-ILS-05 and 06)	2	EA	2,750.00										
Division 44 - Solids Handling Submersible Pumps and Motors (SP-ILS-01 to 04)	4	EA	64,000.00										
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%	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%	15.00				
Total Points	100%	100.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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	Juli 12/20/24
City of Tomball	
David Esquivel	

EA

# Xylem Flygt/ Hahn Equipment



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

PACKAGE NO.:	EWP1-01.04
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 BA	ASE PROPOSAL	PRICE:
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TOTAL BASE PROPOSAL PRICE:	La Mandau			Five H	indr	ed Twenty-Fo	ir The	ousand Seven Hundred Fifty-Four.	
	In Words: Figures: \$			Tive the	indi	cu i wenty i o		4,754.00	
TEM DESCRIPTION		QTY		UNIT	υ	INIT COST		TOTAL COST	
		1	LS		\$	-	\$		-
1 Division 1 - General Conditions 2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)			LS		\$	2,254.00	\$		2,254.00
2 Division 1 - Startup & Commissioning, Testing, Training (Wandidective Societies) 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-01 to 04) 4 Division 8 - Access Doors (SP-ILS-05 and 06)		2	EA		\$	2,750.00	\$		5,500.00
Division 8 - Access Doors (SP-ILS-03 and 00)     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	\$		250,000.0
ONSTRUCTION BASE PRICE PROPOSAL TOTAL							\$		524,754.0
7 Taxes (non-permanent material)							\$		-
/ Taxes (non-permanent material)	ΤΟΤΑΙ	BASE PR	ropo	SAL PRICE			\$		524,754.00
ECTION 2 - ALTERNATES & VALUE ENGINEERING			(						
TEM DESCRIPTION		QTY		UNIT	ī	UNIT COST		COST	
		1	LS		\$	-	\$		-
1			LS		\$	-	\$		-
2		1	LLS		\$	-	\$		-
3			LLS		\$	-	\$		-
4									
		- 10			10.20				
SECTION 3 - SCHEDULE									
dentify the duration of the following schedule activities:		Duration	n Wk	s/Days					
Access Doors Submittal Development (from date of PO Execution):		2	2 Wks	5					
Access Doors Fabrication & Delivery (from Approval of Submittals):		5		5					
Submersible Pumps Submittal Development (from date of PO Execution):			4 Wk	-					
Submersible Pumps Fabrication & Delivery (from Approval of Submittals):		1	6_Wk	5					
SECTION 4 - ADDENDA & BID CLARIFICATIONS									
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		Initial	Dat	e					
		AW		10/22/2024					
Addendum No. 1		AW		11/6/2024					
Addendum No. 2		AW		11/12/2024					
Addendum No. 3		~1¥¥		///					
Addendum No. 4									
Addendum No. 5									
Addendum No. 6									



	ng Date Issued and Initial below:	Initial	Date 11/12/2020		
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					
TION 5 - ASSUMPTIONS AND CLARIFICATION	S				
se list all Assumptions & Clarifications below (	Add additional line items as necessary)		HE CONT		
1			e provided by oth		
2 1.04, D, Qty (4) NP-3171-095 Pump 3 1.04, D, Qty (4) NP-3301.	095- Pump Tags (SP-ILS-05, SP-ILS-06,) for To	omball EWP LS o	an meet 1B acce	et 2B acceptance at 1,160 @59' TDH. pump will not meet 1U acceptance at 3,270 @75' TDH. pump will not meet 1U acceptance.	otance.
4			provided by othe		
5	1.05, A,1.f,1,b,c-1			r submittal	
6		1.05, A, 1,f,5- no			
7		1.05, A,1,f,9- nd 1.05, A,1,f,12- n			
8			Pump and motor	one unit	
9		1.05, A,1,f,15- n			
10		1.05, A,1,f,16- n			
12		1.05, A,1,f,17- n			
13	1	1.05, A,1,f,23- n	ot available		
14	1	1.05, A,1,f,24- n	ot available		
	ception taken to non-sparking guide assemb	bly. Standard sli	ding bracket will	be used as a non-sparking option does not exist.	
16			STM A479 S4310		
17	2.03, C	C- NEC letter co	de for N3171 is G		
18			ode for 3301 is H.		
9	2.03, H- cooling jacket is self-contained			for external cooling and flushing	
20		.03, J-Kellum gri			
21	2.06, A- need more definition of what				
22 2.06, C-				n or lifting cable will be supplied for all pumps.	
23	2.08, B- slide bracket and pump boo				
24	2.11- control	ois not included	and provided by	outlets	
This Proposal shall be valid for a period of not less th The CMAR reserves the right to reject any and all Bid nonresponsive, unbalanced, or conditional Bids. Also	an ninety (90) days from the Bid Due Date as amended. s, to waive any and all informalities not involving price, t	time, or changes in idder if the CMAR b ent standard or crit	elieves that it would eria established by th	gotiate contract terms with the Successful Bidder and the right to disregard all nor not be in the best interest of the Project to make an award to that Bidder, whethe ne CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidde Notice of Award.	i because the
This Proposal shall be valid for a period of not less th The CMAR reserves the right to reject any and all Bid nonresponsive, unbalanced, or conditional Bids. Also	an ninety (90) days from the Bid Due Date as amended. s, to waive any and all informalities not involving price, t , the CMAR reserves the right to reject the Bid of any Bio pubful financial ability or fails to meet any other pertine	time, or changes in idder if the CMAR b ent standard or crit	elieves that it would eria established by th	not be in the best interest of the Project to make an award to that Bidder, whethe ne CMAR. In evaluating Bids, the CMAR will consider the qualifications of the Bidde	i because the
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## EWP1-01.05 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## 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 abovementioned 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

D'I Tabulatian					TINE SCILLING	5   Spec. Sec. 46 2	1 55, 40 21 75					
Bid Tabulation			Headwor	ks, Inc.								
	BUD	GETED	BIDDER 1		BID	DER 2	BIDD	DER 3	BIDDER 4		BIDE	DER 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		Included		\$-		\$-		\$-		\$-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's												
Services)	1	LS		Included		\$ -		\$ -		\$ -		\$ -
Division 46 - Perforated Plate Screens	1	EA	281,317.00			\$ -		\$-		\$ -		\$ -
Division 46 - Screening Washing and Compacting Equipment	1	EA	68,667.00			Ş -		\$-		\$ -		\$ -
Taxes (non-permanent material)				\$ -		\$ -		\$-		\$ -		\$ -
Total: Base Bid				\$ 349,984.00		\$ -		\$ -		\$ -		<b>-</b>
Normalization				\$ 4,169.00		\$ -		\$ -		\$ -		Ş -
Total: Base Bid + Normalization				\$- <b>\$354,153.00</b>		\$- \$-		\$- <b>\$</b> -		\$ - <b>\$</b> -		ş - <b>s</b> -
Total: Base Bid + Normalization				\$ <b>554,155.00</b>		<del>\$ -</del> \$ -		<del>, -</del> , -		<del>\$</del> -		<b>\$</b> - \$-
				\$ <u>-</u> \$-		\$ -		\$ - \$ -		\$ -		\$ - \$
				<u>-</u> 5 -		\$ -		\$ -		\$ -		\$ -
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		Ν								l
% DBE Participation		%		100%								l
Qualification Forms Submitted		Y/N		Y								
Acknowledge Receipt of Addenda		Y/N		Y								
Dealing Tabulation			1	2	2	4	-	1				
Ranking Tabulation			1	2	3	4	5	4				
Bid Item	We	eight	Headworks, Inc.	0	0	0	0					
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points								1				
Available = Score	7	'0%	70.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					
Experience and Qualifications		.5%	15.00	•	•		·	1				
								1				
Compliance with Proposal Terms and Conditions (See list above)		.5%	5.00					]				
Total Points	1(	00%	90.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1				

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

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

## **Bid Cost Normalization**

# Description	Bide	ler 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



Expansion Project - CMAR

PACKAGE NO.:	EWP1-01.05
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

TEM	DESCRIPTION	QTY	UNIT	UNIT COST	 TOTAL COST
1 Division 1 - Genera	Conditions	1 L	<b>5</b> \$	-	\$ -
2 Division 1 - Startup	& Commissioning, Testing, Training (Manufacturer's Servic	es) 1 L	<b>s</b> \$	ត	\$ -
3 Division 46 - Perfor	ated Plate Screens	1 <b>E</b>	<b>A</b> \$	281,317.00	\$ 281,317.0
4 Division 46 - Screer	ing Washing and Compacting Equipment	1 E	<b>A</b> \$	68,667.00	\$ 68,667.0
ONSTRUCTION BASE PRIC	CE PROPOSAL TOTAL				\$ 349,984.0
5 Taxes (non-perman	ent material)				\$ -
		TOTAL BASE PROPOSA	L PRICE		\$ 349,984.0

ITEM	DESCRIPTION	QTY	UNIT	U	INIT COST	COST
1 (Adder) 3 Year Warra	anty for VFD	1 L	S	\$	4,169.00	\$ 4,169.00
2		1 L	S	\$	-	\$ -
3		1 L	S	\$	-	\$ -
4		1 L	S	\$	-	\$ -

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



wledge 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			_
owledge 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			
ION 5 - ASSUMPTIONS AND CLARIFICATIONS			
ION 5 - ASSUMPTIONS AND CLARIFICATIONS e list all Assumptions & Clarifications below (Add additional line items as necessary)			
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ION 5 - ASSUMPTIONS AND CLARIFICATIONS e list all Assumptions & Clarifications below (Add additional line items as necessary)			
ION 5 - ASSUMPTIONS AND CLARIFICATIONS e list all Assumptions & Clarifications below (Add additional line items as necessary)			

#### 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:

signature

Bid Evaluation Criteria:		
Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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
	1	

## EWP1-01.06 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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.									
	BUD	GETED	BIDDE	BIDDER 1		BIDDER 2		BIDDER 3		DER 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	Included in Item #3	Included in Item #3		\$-		\$-		\$-		\$-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services) Division 46 - Vortex Grit Removal Equipment	1	LS	10,300.00	\$ 10,300.00 \$ 456,203.00		<u>\$</u> -		<u>\$</u>		\$ - \$ -		\$ -
Taxes (non-permanent material)	1	LS	456,203.00	\$ 456,203.00 \$ -		<u>\$</u> -		<u>\$</u> - \$-		\$ - \$ -		<u>ې -</u> د
Total: Base Bid				\$ 466,503.00		ې - د -				\$ - \$		ې - د _
Normalization				\$ -		<u>\$</u> -		<u>\$</u> -		\$ -		<u>-</u>
Total: Base Bid + Normalization				\$ 466,503.00		\$0.00		\$0.00		\$0.00		\$0.0
				\$-		\$-		\$ -		\$-		\$-
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		1	2	3	4	5
Bid Item	Weight	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	Muli Kunh 12/20/24
City of Tomball	
David Esquivel	

# Smith & Loveless



Expansion Project - CMAR

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 Six	kty-S	ix Thousand Fi	ve Hu	ndred Three
	In Figures: \$						466,503.00
ECTION 1 - DIRECT COST							
TEM DESCRIPTION		QTY	UNIT		UNIT COST	•	TOTAL COST
1 Division 1 - General Conditions		1	LS		Included B	elow o	n Item #3
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Se	ervices)	1	LS	\$	10,300.00	\$	10,300.0
3 Division 46 - Vortex Grit Removal Equipment		1	LS	\$	456,203.00	\$	456,203.0
ONSTRUCTION BASE PRICE PROPOSAL TOTAL						\$	466,503.0
4 Taxes (non-permanent material) - EXCLUDED PER SCOPE SUMMARY						\$	-
	TOTAL BAS	E PROPO	SAL PRICE			\$	466,503.0
ECTION 2 - ALTERNATES & VALUE ENGINEERING							
TEM DESCRIPTION		QTY	UNIT		UNIT COST		COST
1		1	LS	\$	-	\$	-
2		1	LS	\$	-	\$	-
3		1	LS	\$	-	\$	-
4		1	LS	\$	-	\$	-
ECTION 3 - SCHEDULE							
lentify the duration of the following schedule activities:		Duration	Wks/Days				
Vortex Grit Removal Equipment Submittal Development (from date of PO	Execution):	8-12	Weeks				
Vortex Grit Removal Equipment Fabrication & Delivery (from Approval of S		32-34	Weeks				
		52 54					
ECTION 4 - ADDENDA & BID CLARIFICATIONS							
				-			
cknowledge 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			±=, ==, Z=				
Addendum No. 5							
Addendum No. 6							



## Request For Proposal Bid Form - Suppliers

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 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 ungualified 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 S&L Sales Agreement for Additional Details and Exceptions 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: Smith & Loveless, Inc. Contact Name and Title Ryan Asbury, Manager, Municipal Treatment Systems Contact Phone Number: 913-888-5201 x469 Signature bury **Bid Evaluation Criteria:** Description Weighting Value **Cost Proposal** 70 Points **Complete Bid Package Cost** (Lowest Price/Evaluated Proposal Price) x Points Available = Score **Technical Proposal** Experience and Qualifications 15 Points (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) **Compliance with Proposal Terms and Conditions** Conformance with Bid Package Requirements 15 Points (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

## EWP1-01.07 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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



## <u>Work Package Recommendation Narrative</u> 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

		В				BBLE DISC DIFFU									
Bid Tabulation			Sta	amford Scient	ific Inter. Inc.	Xylem Wate	er Solutions	A	quarius Technolo	ogies	Flex	Air			
								Environ	mental Improve	ments Inc.	Environmental	Dynamics Int.			
	BUD	GETED		BIDDE	R 1	BIDD	ER 2		BIDDER 3		BIDD	ER 4	BID	DER 5	
Bid Item	Units	UOM		Unit Price	Total Cost	Unit Price	Total Cost		Init To rice	otal Cost	Unit Price	Total Cost	Unit Price	Total	al 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			53,700.01		\$157,500.00			0.00
% Variance from Low Bid					0%		81.79%			26.71%		29.85%		0	0%
Membrane Disc Diffusers Submittal Development (from date of PO Execution):		WK			3 - 4 wks		12 - 14 wks			- 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:	<b>Triston Young, PLW Waterworks</b>

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

## **Bid Cost Normalization**

# Description	Bidder 1		Bidder 2		Bidder 3		Bidde	er 4	Not
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

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 Word						
						inety	seven and thirteen cents
	In Figures	:\$		121	,297.13		
SECTION 1 - DIRECT COST	r						
ITEM	DESCRIPTION	QTY	UNIT	I	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 - Membr	rane Disc Diffusers (Zone 1, 2 and 3)		3 <b>EA</b>	\$	33,504.00	\$	100,512.00
CONSTRUCTION BASE PRIC	CE PROPOSAL TOTAL					\$	114,162.00
4 Taxes (non-permane	ent material)				6.25%	ś\$	7,135.13
		TOTAL E	BASE PROPOSAL PRICL	E		\$	121,297.13
SECTION 2 - ALTERNATES	& VALUE ENGINEERING						
ITEM	DESCRIPTION	QTY	UNIT	1	UNIT COST		COST
1 Specification Para 3.03 C	Calls 11 days in 4 trips for Site services, for this size of project we will recommend 6 days in 3 trips <b>Deduct</b>		1 LS	\$	6,150.00	\$	6,150.00
2			1 LS	\$	-	\$	-
3			1 LS	\$	-	\$	
1							
SECTION 3 - SCHEDULE	ne following schedule activities:	Duration	Wks/Davs				
Identify the duration of th	-	Duration	Wks/Days				
Identify the duration of th Membrane Disc Diff	ne following schedule activities: fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals):	Duration 3-4 Weeks 10-12 Weeks	Wks/Days				
Identify the duration of th Membrane Disc Diff	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals):	3-4 Weeks	Wks/Days				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA &	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals):	3-4 Weeks 10-12 Weeks	Date				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA &	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 Weeks 10-12 Weeks	Date				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA & Acknowledge Receipt of A	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 Weeks 10-12 Weeks	Date				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 Weeks 10-12 Weeks Initial Walury Walury Walury	Date 10/22/2024 11/6/2024 12/12/2024				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1 Addendum No. 2	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 Weeks 10-12 Weeks	Date 10/22/2024 11/6/2024 12/12/2024				
Identify the duration of th Membrane Disc Diff Membrane Disc Diff SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1 Addendum No. 2 Addendum No. 3	fusers Submittal Development (from date of PO Execution): fusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 Weeks 10-12 Weeks Initial Walury Walury Walury	Date 10/22/2024 11/6/2024 12/12/2024				



#### Request For Proposal Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below

Acknowledge Receipt of Bid Clarification by Adding Date I	ssued 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 recipent 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

#### 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 Bid scomply 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





SSI Aeration Inc Kiran Kumar banala

Tel: 845 454 8171 ext 308

in

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

Signature

# Xylem Water



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

Expansion Project - CMAR

PACKAGE NO.:	EWP1-01.07
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

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	тс	DTAL COST
1 Division 1 - General Co	nditions		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 - Membran	e Disc Diffusers (Zone 1 , 2 and 3)		3 <b>EA</b>	N/A	Included	in Base Price
CONSTRUCTION BASE PRICE P	ROPOSAL TOTAL				\$	220,500.00
4 Taxes (non-permanent	material)				N/A	
		TOTAL BASE PR	OPOSAL PRICI	E	\$	220,500.00
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST		COST
ITEM 1 N/A	DESCRIPTION	QTY	UNIT 1 LS	UNIT COST	N/A	COST
	DESCRIPTION	QTY	-		N/A N/A	COST
1 N/A	DESCRIPTION	<b>QTY</b>	1 LS	\$ -	-	COST
	DESCRIPTION	QTY	-		N/A	COST

Membrane Disc Diffusers Submittal Development (from date of PO Execution):

Membrane Disc Diffusers Fabrication & Delivery (from Approval of Submittals):

See	Scope	Letter
See	Scope	Letter



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		
cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date
cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1	Initial TS	Date 11/1/2024
	TS	11/1/2024
Bid Clarification No. 1 Bid Clarification No. 2	TS	11/1/2024
Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3	TS	11/1/2024

#### 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

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.



 Company Name:
 Xylem Water Solutions USA, Inc

 Contact Name and Title
 Francis Pastors - Territory Manager

 Contact Phone Number:
 (414) 207-5465

 Signature
 F- Part

Bid Evaluation Criteria: Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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
		100101113

# Aquarius Technologies



Expansion Project - CMAR

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 PRO	DPOSAL PRICE:						
	In We	ords: One	hundred fifty	three	thousand sev	ven hur	dred dollars
	In Figur	es: \$			153,700		
SECTION 1 - DIRECT COST	r						
ITEM	DESCRIPTION	QTY	UNIT	U		т	OTAL COST
1 Division 1 - Genera	l Conditions		1 LS	N/A		N/A	
2 Division 1 - Startup	& Commissioning, Testing, Training (Manufacturer's Services), Freight	t	1 <b>LS</b>	\$	45,833.00	\$	45,833.00
3 Division 46 - Memb	prane Disc Diffusers (Zone 1, 2 and 3)		3 <b>EA</b>	\$	35,955.67	\$	107,867.00
CONSTRUCTION BASE PRIC	CE PROPOSAL TOTAL					\$	153,700.00
4 Taxes (non-permar	ient material)					N/A	
	ΤΟΤΑΙ	BASE PROP	OSAL PRICE			\$	153,700.00
SECTION 2 - ALTERNATES	& VALUE ENGINEERING						
ITEM	DESCRIPTION	QTY	UNIT	U			соѕт
1			1 LS	\$	-	\$	-
2			1 LS	\$	-	\$	-
3			1 LS	\$	-	\$	-
4			1 LS	\$	-	\$	-
SECTION 3 - SCHEDULE							
Identify the duration of th	an failleacha a sheadada a shi dhi an						
	ne following schedule activities:	Duratio	n Wks/Days				
Membrane Disc Dif	ffusers Submittal Development (from date of PO Execution):	Duratio	n Wks/Days Weeks				
	-						
Membrane Disc Dif	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals):	3-4	Weeks				
	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals):	3-4	Weeks				
Membrane Disc Dif	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals):	3-4	Weeks		_		
Membrane Disc Dif	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	<u>3-4</u> 10-12	Weeks Weeks	_	_		_
Membrane Disc Dif	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 10-12 Initial	Weeks Weeks 		_		
Membrane Disc Dif SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 10-12 Initial BW	Weeks Weeks Date 18-Nov			_	
Membrane Disc Dif SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1 Addendum No. 2	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 10-12 Initial BW BW	Weeks Weeks Date 			_	_
Membrane Disc Dif SECTION 4 - ADDENDA & Acknowledge Receipt of A Addendum No. 1 Addendum No. 2 Addendum No. 3	ffusers Submittal Development (from date of PO Execution): ffusers Fabrication & Delivery (from Approval of Submittals): BID CLARIFICATIONS	3-4 10-12 Initial BW BW BW	Weeks Weeks Date 18-Nov 18-Nov 18-Nov				



## Request For Proposal Bid Form - Suppliers

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	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)

1	1		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8		
9	9		
10	0		
11	1		
12	2		
13	3		
14	4		
15	5		

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

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



Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR 11/25/2024

Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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
	IOIAL	100 Points





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

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 <sup>v</sup>	Words:	one hundred	twenty one thou	isand do	ollars
In Fig	ures: \$		121,000		
DESCRIPTION	QTY	UNIT	UNIT COST	т	OTAL COST
onditions		1 <b>LS</b>	\$-	inclu	ded
Commissioning, Testing, Training (Manufacturer's Services)		1 <b>LS</b>	\$-	inclu	ded
ne Disc Diffusers (Zone 1 , 2 and 3)		3 <b>EA</b>	\$-	\$	121,000.00
PROPOSAL TOTAL				\$	121,000.00
nt material)				\$	-
T	OTAL BASE PR	OPOSAL PRICE		\$	121,000.00
VALUE ENGINEERING					
DESCRIPTION	QTY	UNIT	UNIT COST		COST
		1 LS	\$-	\$	-
		1 LS	\$ -		-
		1 LS	\$ -	\$	-
		1 LS	\$ -	\$	-
following schedule activities:	Duratio	n Wks/Days			
	Duratio				
sers Submittal Development (from date of PO Execution):	Duratio	<u>6</u> weeks			
	Duratio				
sers Submittal Development (from date of PO Execution):	Duratio	<u>6</u> weeks			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals):	Duratio 	<u>6</u> weeks			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals): ID CLARIFICATIONS	Initial	6 weeks 8 weeks Date			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals): ID CLARIFICATIONS	-	<u>6</u> weeks <u>8</u> weeks <b>Date</b> 10/22/2024			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals): ID CLARIFICATIONS	Initial EM	<u>6</u> weeks <u>8</u> weeks <b>Date</b> 10/22/2024 11/5/2024			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals): ID CLARIFICATIONS	Initial EM EM	<u>6</u> weeks <u>8</u> weeks <b>Date</b> 10/22/2024			
sers Submittal Development (from date of PO Execution): sers Fabrication & Delivery (from Approval of Submittals): ID CLARIFICATIONS	Initial EM EM	<u>6</u> weeks <u>8</u> weeks <b>Date</b> 10/22/2024 11/5/2024			
r	In Fig. DESCRIPTION Conditions . Commissioning, Testing, Training (Manufacturer's Services) ane Disc Diffusers (Zone 1, 2 and 3) PROPOSAL TOTAL Int material) Training & VALUE ENGINEERING	In Figures: \$	In Figures: \$ DESCRIPTION          QTY       UNIT         Conditions       1 LS         . Commissioning, Testing, Training (Manufacturer's Services)       1 LS         . Commissioning, Testing, Training (Manufacturer's Services)       1 LS         ane Disc Diffusers (Zone 1, 2 and 3)       3 EA         PROPOSAL TOTAL       TOTAL BASE PROPOSAL PRICE         ant material)       TOTAL BASE PROPOSAL PRICE         & VALUE ENGINEERING       UNIT         1 LS       1 LS         1 LS       1 LS         1 LS       1 LS	In Figures: \$ 121,000  DESCRIPTION QTY UNIT UNIT COST Conditions 1 LS \$ - Commissioning, Testing, Training (Manufacturer's Services) 1 LS \$ - Commissioning, Testing, Training (Manufacturer's Services) 1 LS \$ - PROPOSAL TOTAL TOTAL BASE PROPOSAL PRICE  VALUE ENGINEERING  VALUE ENGINEERING QTY UNIT UNIT COST 1 LS \$ - 1 LS \$ - 1 LS \$ - 1 - 1 LS \$	In Figures: \$          DESCRIPTION       QTY       UNIT       UNIT COST       T         Conditions       1 LS       \$       -       inclu         . Commissioning, Testing, Training (Manufacturer's Services)       1 LS       \$       -       inclu         . Commissioning, Testing, Training (Manufacturer's Services)       1 LS       \$       -       \$         PROPOSAL TOTAL       \$       \$       -       \$         PROPOSAL TOTAL       \$       \$       \$       \$         nt material)       \$       \$       \$       \$         & VALUE ENGINEERING       \$       \$       \$       \$         A VALUE ENGINEERING       \$       \$       \$       \$         1 LS       \$       -       \$       \$



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

Advanded a Dessist of Did Clarification by Adding Data Issued and Initial balance	Dete
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Initial Bid Clarification No. 1	Date
Bid Clarification No. 1 Bid Clarification No. 2	
Bid Clarification No. 2 Bid Clarification No. 3	
Bid Clarification No. 4	
Bid Clarification No. 5 Bid Clarification No. 6	
Bid Clarification No. 6	
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	
<ul> <li>46 51 33 2.01.A.1.b Stainless Steel piping provided with a 2D finish. All mills in the US are curr Stainless steel pipe can be provided hot rolled and full immersion passivation. Passiva 46 51 33 2.02.C.1, 2.02.E.1 EDI diffuser holder including base plate and ring are constructed of p resistance and is less brittle than PVC.</li> <li>46 51 33 2.05B Purge on EDI system is installed at largest part of manifol 46 51 33 3.03.C.3, 3.03.C.4 Non-potable water test and Mixed Liquor test are 56</li> <li>7</li> <li>8</li> <li>9</li> <li>10</li> <li>11</li> <li>12</li> <li>13</li> </ul>	ation provided as defined in the specifications. olypropylene. Polypropylene offers higher temperature Id and does not require a sump.
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 ch Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, t CMAR believes that it would not be in the best interest of the Project to make an award to that Bidder, whether becaus financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in	he CMAR reserves the right to reject the Bid of any Bidder if the se the Bid is not responsive, or the Bidder is unqualified or of doubtful e CMAR will consider the qualifications of the Bidders, whether the
PLW TERMS & CONDITIONS:	
Agreed to PLW Terms and Conditions (yes or no): No; see marked up contract attached. If NO- Please attach a <b>Request for Modifications/Sample Subcontract Markup</b> to this bid.	]
Company Name	Training antal Duramics International (EDI)
Company Name: Contact Name and Title	Environmental Dynamics International (EDI)
Contact Name and Title Contact Phone Number:	Erika McGuinn, Senior Application Engineer
Signature	573-507-5121
Signature <u>[Ma</u>	Ra Muran
Bid Evaluation Criteria:	Waishting Value
Description Cost Proposal	Weighting Value
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Proposal	
Experience and Qualifications	15 Points

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

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

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

## EWP1-01.08 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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	Sul	zer							
			Hahn Equ	ipment	Global	Net, LLC							
	BUD	GETED	BIDDE	R 1	BIDI	DER 2	BIDD	DER 3	BID	DER 4	E	BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Tot	tal 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				۶ - <b>\$130,411.00</b>		۔ <b>\$149,643.00</b>		۶ - <b>\$0.00</b>		\$- <b>\$0.00</b>		Ş	- \$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	l					
Bid Item	We	eight	Xylem-Flygt	Sulzer	0	0	0						

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

ACCEL HARDE	
Freese & Nichols	
Murali Erat	Juli 12/20/24
City of Tomball	
David Esquivel	

# Xylem Flygt



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

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	Thic	ty Thousand Fo	our Hu	ndred Eleven
		In Figures: \$				\$130,411.00		
ECTION 1 - DIRECT C	OST	191 1 191			1	1 To and	Seat-	
ITEM	DESCRIPTION	- 11	QTY	UNIT	-	UNIT COST	-	TOTAL COST
1 Division 1 - Gen			1		\$	×	\$	2
2 Division 1 - Star	tup & Commissioning, Testing, Training (Manufacturer's Serv	vices)	1	LS	\$	1,501.00	\$	1,501.0
3 Division 46 - Sul	omersible Mechanical Mixers		3	EA	\$	42,970.00		128,910.0
ONSTRUCTION BASE	PRICE PROPOSAL TOTAL	and a state of the			1		\$	130,411.0
4 Taxes (non-perr	nanent material)						\$	-
		TOTALE	BASE PRO	POSAL PRICE	_		\$	130,411.0
ECTION 2 - ALTERNA	TES & VALUE ENGINEERING		1	정택. 일급	90.	1. 1. 1. 1. 1.	100	5.2
ITEM	DESCRIPTION		QTY	UNIT		UNIT COST		COST
1			1	LS	\$	3	\$	8
2			1	LS	\$		\$	12
3			1	LS	\$		\$	24
4			1	LS	\$	8	\$	
SECTION 3 - SCHEDUL	E			- Successi	16	1.1.5 1.5	H II	nin Saka sa
			Dention	Miles (Device				
	of the following schedule activities:			Wks/Days				
Submersible Me	echanical Mixers Submittal Development (from date of PO Ex	ecution):	6	Wks				
Submersible M	echanical Mixers Fabrication & Delivery (from Approval of Su	bmittals):	14					
5000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	a		Wks				
SECTION 4 - ADDEND	A & BID CLARIFICATIONS	TO DATE OF SERVICE	1-2-1	5 . T. P	Č.	Selle E	5.5	h White Store
	of Addenda by Adding Date Issued and Initial below:		Initial	Date				
Addendum No.			AW	10/22/2024				
Addendum No.			AW	11/6/2024				
Addendum No.			AW	11/12/2024	ł			
Addendum No.								
Addendum No.								
Addendum No.	6				_			



Expansion Project - CMAR

knowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	
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	
CTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
ase list all Assumptions & Clarifications below (Add additional line Items as necessary)	
	al is tungsten carbide
	cable. NSSHOU cable is not available for this mixer
	assembly not available
	ply. Mixers are 316SS construction
	nent or engineering redesign in the event of a failed test.
	ard 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	and the second
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as ame The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids, Also, the CMAR interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the B	price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the
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This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as a me The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids, Also, the CMAR interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or criteria established by the CMAR, in evaluating Bids, the CMAR will consider the qualifications of the B other data, as may be requested in the Bid Form or prior to the Notice of Award. <b>PLW TERMS &amp; CONDITIONS:</b> Agreed to PLW Terms and Conditions (yes or no): If NO-Please attach a Request for Modifications/Sample Subcontract Markup to this bid. Compare Contact Name Contact Phone S <u>Bid Evaluation Criteria:</u> Description Cost Proposal Complete Bid Package Cost (Lowest Price/Evaluated Proposal Price) x Points Available = Score Technical Proposal Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) Compliance with Proposal Terms and Conditions	price, time, or changes in the Work, and to negotiate contract terms with the Successful Bilder and the reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or inders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and  Yes  Yes  Hahn Equipment Co., Inc. and Title Aren Warthen - Project Manager Number: 713-868-3255 Signature Weighting Value 70 Points
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as a me The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids, Also, the CMAR interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or criteria established by the CMAR, in evaluating Bids, the CMAR will consider the qualifications of the B other data, as may be requested in the Bid Form or prior to the Notice of Award. <b>PLW TERMS &amp; CONDITIONS:</b> Agreed to PLW Terms and Conditions (yes or no): If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid. <b>Compare</b> Contact Name Contact Name Contact Phone S <u>Bid Evaluation Criteria:</u> Description Cost Proposal Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i> <b>Technical Proposal</b> Experience and Qualifications <i>(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)</i>	price, time, or changes in the Work, and to negotiate contract terms with the Successful Bilder and the reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or idders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and version of the terms are the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. The Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply are set of the Bids com
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as a me The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids, Also, the CMAR interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the B other data, as may be requested in the Bid Form or prior to the Notice of Award. <b>PLW TERMS &amp; CONDITIONS:</b> Agreed to PLW Terms and Conditions (yes or no): If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid. <b>Compare</b> <b>Contact</b> Name Contact Name Contact Phone <b>Sid Evaluation Criteria:</b> <b>Description</b> <b>Cost Proposal</b> Complete Bid Package Cost (Lowest Price/Evaluated Proposal Price) x Points Available = Score <b>Technical Proposal</b> Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) <b>Compliance with Proposal Terms and Conditions</b> Conformance with Bid Package Requirements	price, time, or changes in the Work, and to negotiate contract terms with the Successful Bilder and the reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or idders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and version of the terms are the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. The Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply are set of the Bids com
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as and The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids, Also, the CMAR interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of the B 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. Compare Contact Name Contact Name Contact Phone S 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 Subcontrator/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	price, time, or changes in the Work, and to negotiate contract terms with the Successful Bilder and the reserves the right to reject the Bid of any Bidder if the CMAR believes that it would not be in the best the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or idders, whether the Bids comply with the prescribed requirements, and such alternates, unit prices and version of the terms are the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. And such alternates, unit prices and the set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. The Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply with the prescribed requirements. Set of the Bids comply are set of the Bids com

# Sulzer



Expansion Project - CMAR

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 PROP	OSAL PRICE:						
	In Wor	rds: one h	undred forty	nine	thousand six h	undr	ed forty three
	In Figures	s: \$		\$	149,643.00		
SECTION 1 - DIRECT COST							
ITEM	DESCRIPTION	QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - General C	onditions		1 LS	\$	45,000.00	\$	45,000.00
2 Division 1 - Startup &	Commissioning, Testing, Training (Manufacturer's Services)		1 LS	\$		\$	4,500.00
3 Division 46 - Submers	ible Mechanical Mixers		3 <b>EA</b>	\$	33,381.00	\$	100,143.00
CONSTRUCTION BASE PRICE	PROPOSAL TOTAL					\$	149,643.00
4 Taxes (non-permaner	nt material)					\$	-
	TOTAL	BASE PROP	OSAL PRICE			\$	149,643.00
SECTION 2 - ALTERNATES 8	VALUE ENGINEERING						
		_	_				
ITEM	DESCRIPTION	QTY	UNIT	I	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	n Wks/Days				
Submersible Mechan	ical Mixers Submittal Development (from date of PO Execution):						
Submersible Mechan	ical Mixers Fabrication & Delivery (from Approval of Submittals):						
			_				
SECTION 4 - ADDENDA & B	ID CLARIFICATIONS						
Acknowledge Receipt of Ad	denda by Adding Date Issued and Initial below:	Initial	Data				
Addendum No. 1	denda by Adding Date issued and initial below.	mua	Date				
Addendum No. 1							
Addendum No. 3							
Addendum No. 4							
Addendum No. 5							
Addendum No. 6							
Addendum No. 0							



Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

waterworks	
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	
blu clarification NO. 0	
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	
1 Attached	
2	
3	
4	
5	
6	
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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 i Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves 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 respon or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider th the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to	the right to reject the Bid of any Bidder if the CMAR believes usive, or the Bidder is unqualified or of doubtful financial ability he qualifications of the Bidders, whether the Bids comply with
PLW TERMS & CONDITIONS:	
	٦
Agreed to PLW Terms and Conditions (yes or no): If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	1
Company Name:	
Contact Phone Number:	
Bid Evaluation Criteria:	1
Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Dynamod	
Technical Proposal Experience and Qualifications	15 Points
	20. 0

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



Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

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

## EWP1-01.09 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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	I BLOWERS   Sp	ec. Sec. 43 11 17	7				
Bid Tabulation			Atlas C	орсо	Continent	al Blower	Lone Star E	Blower Inc.				
			Environmental Im	provements Inc.								
	BUDG	ETED	BIDDE	R 1	BIDD	ER 2	BIDD	ER 3	BID	DDER 4	BIDD	DER 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	(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			\$-	\$ 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		Ν		Y		Y				
				2			- 1					
Ranking Tabulation			1	2	3	4	5					
Bid Item	Wei	ght	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)	45	0/	10.00	10.00	10.00							
Total Points	15		10.00		10.00	#DIV /01	#DIV / 01					
i otal Points	100	J%	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

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

# Atlas Copco



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

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:

Addendum No. 5 Addendum No. 6

TOTAL BASE PR	OPOSAL PRICE:						
		In Words:	Six hundred seventeen thousand			d	
	In I	igures: \$	617,000				
SECTION 1 - DIRECT COS	ST					_	
ITEM	DESCRIPTION	QTY	UN	п	UNIT COST		TOTAL COST
1 Division 1 - Gener	al Conditions (Included in item 3)		1 <b>LS</b>	,	÷ -	\$	-
2 Division 1 - Startu	p & Commissioning, Testing, Training (Manufacturer's Services)		1 LS	4	14,200.00	\$	14,200.00
3 Division 43 - Multi	-stage Submersible Blowers		4 <b>EA</b>		5 150,700.00	\$	602,800.00
CONSTRUCTION BASE PR	ICE PROPOSAL TOTAL					\$	617,000.00
4 Taxes (non-perma	nent material)					\$	-
		TOTAL BASE P	ROPOSAL	PRICE		\$	617,000.00
SECTION 2 - ALTERNATE	ES & VALUE ENGINEERING						
ITEM	DESCRIPTION	QTY	UN	п	UNIT COST		соят
1			LS			\$	-
2			LS			\$	-
3			LS			\$	-
4			LS			\$	-
SECTION 3 - SCHEDULE							
Identify the duration of t	the following schedule activities:	Durati	on Wks/Da	WE			
-	-			iy3			
Multi-stage Subm	ersible Blowers Submittal Development (from date of PO Execu	tion): 6	Wks				
Multi-stage Subm	ersible Blowers Fabrication & Delivery (from Approval of Submi	ttals):	\A/kc				
		28	Wks				
SECTION 4 - ADDENDA	& BID CLARIFICATIONS						
Acknowledge Receipt of	Addenda by Adding Date Issued and Initial below:	1	Data				
Addendum No. 1	Addenda by Adding Date issued and mitial below:	Initial	Date	0/2024			
Addendum No. 2		JSM MZL		8/2024			
Addendum No. 3		JSM		7/2024			
Addendum No. 3		121/1	11/14	4/2024			
Audendum NO. 4							



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

cknowledge 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	
ECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
ease list all Assumptions & Clarifications below (Add additional line items as necessary) 1 Installation, piping, elbows, spool pieces, piping hardware, piping gaskets, anchor bolts, housekeepi	ng 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 f Brand named specific items will be provided as noted.	eatures from other manufacturers will not be provided.
3 Owner' provided equipment, IP addresses and preferred method of sending/receiving tags/address released for construction. Vendor will not be responsible for late shipments if caused by late delive	
4 2.01.D – We have taken exception to the Hach SC4500 controller since it is suitable for 2 DO sensor which is capable of handling 3 DO sensors as per Section 43 11 17, Point 2.05.E.	inputs only. We have included a Hach SC1000 controller
5 Commissioning of Process Systems & Section 40 90 02.01 Control Narratives are not available for re proposal.	view, so compliance with it is not included in this
6 1.08.B – Manufacturer is not responsible for coordinating with other suppliers for equipment not b	eing 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 MC	P is powered by 120VAC supply however valve actuator
<ul> <li>are rated for three phase 460VAC power.</li> <li>9 2.05.E.2 – Proposed Hach SC1000 analyzers are NEMA 4X rated. No additional enclosures are includ</li> </ul>	ed in this scope
10 2.08.E – Communication between the MCP and Plant SCADA system will be over Ethernet.	eu in this scope.
ECTION 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 cha Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bi financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the standard or the bids of the prescribed requirements.	CMAR reserves the right to reject the Bid of any Bidder if the CMA I is not responsive, or the Bidder is unqualified or of doubtful CMAR will consider the qualifications of the Bidders, whether the
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 Nerroy	
Company Name:	Atlas Copco Compressors LLC
Contact Name and Title	Gatlin Gold
Contact Phone Number:	(281)-776-4941
Signature <u>Gabl</u>	un Gold
Rid Evaluation Criteria	I
Bid Evaluation Criteria: Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	

Technical Proposal Experience and Qualifications

15 Points



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

(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements (Any exclusions to the contract accuments or design requirements weed to be listed on company s		15 Points
letterhead and submitted with the nrannsal l		
	TOTAL	100 Points

# Continental Blower



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

ITEM	DESCRIPTION	QTY	UNIT	UNI	T COST	TOTAL COST
1 Division 1 - General	Conditions		1 <b>LS</b>	\$	- \$	-
2 Division 1 - Startup	& Commissioning, Testing, Training (Manufacturer's Services)		1 <b>LS</b>	\$	- \$	-
3 Division 43 - Multi-s	stage Submersible Blowers		4 <b>EA</b>	\$	- ¢	1,153,700.0
CONSTRUCTION BASE PRIC	E PROPOSAL TOTAL				ļ	5 1,153,700.0
4 Taxes (non-perman	ent material)				ç	
	ΤΟΤΑ	L BASE PR	OPOSAL PRI	CE	¢	5 1,153,700.0
SECTION 2 - ALTERNATES	& VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	UNI	тсоят	COST
1			LS	\$	- \$	
2			LS	\$	- \$	-
3			LS	\$	- \$	-
4			LS	\$	- ¢	
SECTION 3 - SCHEDULE						
Identify the duration of th	e following schedule activities:	Duratio	n Wks/Days			
Multi-stage Submer	sible Blowers Submittal Development (from date of PO Execution):	6 weeks	5			
Multi-stage Submer	sible Blowers Fabrication & Delivery (from Approval of Submittals)					
SECTION 4 - ADDENDA &	BID CLARIFICATIONS					
Acknowledge Receipt of A	ddenda by Adding Date Issued and Initial below:	Initial	Date			
Addendum No. 1		MH	11/1/20	024		
Addendum No. 2		MH	11/7/20			
Addendum No. 3		MH	11/13/20			
Addendum No. 4			,, _			

Addendum No. 4			
Addendum No. 5			
Addendum No. 6			



### **Request For Proposal**

**Bid Form - Suppliers** 

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

Acknowledge Receipt of Bid Clarification by Adding Date Issued an	d 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	an a	
Please list all Assumptions & Clarifications below (Add additional line	e items as necessary)	
1. See our	proposal section "Comments and Cla	arifications"
2		
3		
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° 9		
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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 fro	m the Bid Due Date as amended.	
		anges in the Work, and to negotiate contract terms with the Successful Bidde
		the right to reject the Bid of any Bidder if the CMAR believes that it would no e Bidder is unqualified or of doubtful financial ability or fails to meet any othe
pertinent standard or criteria established by the CMAR. In evaluating Blds, such alternates, unit prices and other data, as may be requested in the Bid		the Bidders, whether the Bids comply with the prescribed requirements, and
such alternates, unit prices and other data, as may be requested in the ou	Form of phor 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	
Bid Evaluation Criteria:		
Description Cost Proposal		Weighting Value
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = S	core	
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Su	upply and Schedule)	
Compliance with Drongest Terror and Conditions		
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements		15 Points
(Any exclusions to the contract documents or design requirem	ents Need to be listed on company's	Autostitut dynaffasta auto
letterhead and submitted with the proposal.)		

.



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

TOTAL 100

100 Points

Bid\_Form\_EWP1-01.09-FINAL-R0-20241014\_Continental Blower

Page 3 of 3

# Lone Star Blower Inc.



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

PACKAGE NO.:	EWP1-01.09
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: C	ne Millior	n, One Hundr	ed N	lineteen Thou	usano	and Zero Cents
In Figures: \$		·	1,1	19,000.00		
ON	QTY	UNIT	ι	JNIT COST		TOTAL COST
	1 <b>L</b> S	5	\$	20,000.00	\$	20,000.00
aining (Manufacturer's Services)	1 <b>L</b> S	5	\$	80,000.00	\$	80,000.00
	4 E/	A	\$	254,750.00	\$	1,019,000.00
					\$	1,119,000.00
					\$	-
TOTAL BAS	E PROPO	SAL PRICE			\$	1,119,000.00
ON	•			JNIT COST		COST
				-		-
	LS	5	\$	-	\$	-
			\$	-	\$	-
	LS	5	\$	-	\$	-
	uration W	/ks/Days				
anmont (from data of PO Execution):	uration W	/ks/Days				
opment (from date of PO Execution): <u>12</u>	2 Wks	/ks/Days				
opment (from date of PO Execution): <u>12</u>		/ks/Days				
opment (from date of PO Execution): <u>12</u>	2 Wks	/ks/Days				
opment (from date of PO Execution): <u>12</u>	2 Wks	/ks/Days				
opment (from date of PO Execution): <u>12</u> vlivery (from Approval of Submittals): <u>28</u>	2 Wks 3 Wks					
ed and Initial below:	2 Wks 3 Wks itial D	ate				
ed and Initial below: IC JC JC JC JC JC JC	2 Wks 3 Wks itial D	ate 10/22/2024				
ed and Initial below: 12 12 12 12 12 12 12 12 12 12	2 Wks 3 Wks itial D	ate 10/22/2024 11/7/2024				
ed and Initial below: IC JC JC JC JC JC JC	2 Wks 3 Wks itial D	ate 10/22/2024				
ed and Initial below: 12 12 12 12 12 12 12 12 12 12	2 Wks 3 Wks itial D	ate 10/22/2024 11/7/2024				
	In Figures: \$	In Figures: \$ ION QTY 1 L3 aining (Manufacturer's Services) 1 L3 4 E TOTAL BASE PROPO ION QTY L3 L L L L L L L L L L L L L L L L L L	In Figures: \$ ION QTY UNIT 1 LS 1 LS 4 EA ION ION QTY UNIT	In Figures: \$          ION       QTY       UNIT       L         aining (Manufacturer's Services)       1 LS       \$         aining (Manufacturer's Services)       1 LS       \$         TOTAL BASE PROPOSAL PRICE       TOTAL BASE PROPOSAL PRICE         ION       QTY       UNIT       L         LS       \$	In Figures: \$       1,119,000.00         ION       QTY       UNIT       UNIT COST         1 LS       \$       20,000.00         aining (Manufacturer's Services)       1 LS       \$       80,000.00         4 EA       \$       254,750.00         TOTAL BASE PROPOSAL PRICE         ION       QTY       UNIT       UNIT COST         LS       \$       -       -         LS       \$       -       -         LS       \$       -       -         LS       \$       -       -         LS       \$       -       -	ION         QTY         UNIT         UNIT COST           1 LS         \$         20,000.00         \$           aining (Manufacturer's Services)         1 LS         \$         80,000.00         \$           4 EA         \$         254,750.00         \$         \$           TOTAL BASE PROPOSAL PRICE         \$         \$         \$           ION         QTY         UNIT         UNIT COST           LS         \$         -         \$           LS         \$         -         \$           LS         \$         -         \$           LS         \$         -         \$           LS         \$         -         \$



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

Ackno	wledge Receipt of Bid Clarification by Adding Date Issued and I	nitial 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			
	Did clamication No. 0	an a		
1				
SECTI	ON 5 - ASSUMPTIONS AND CLARIFICATIONS			
Please	list all Assumptions & Clarifications below (Add additional line i	tems as necessary)		
1	Proposed butterfly valves are High Performance to meet the re	quirement of 316SS body a	nd equipp	ed with RTFE seats (Rated to 500°F)
2	Proposed instrumentation that is not directly mounted to the b valves and wiring is not included and shall be provided by the in		ped loose	and mounting hardware, to include, fittings, ball
3			ALC: NO	
4			10.000	
5			12.12.02	
6			P 1999	
7				
8				
9				
10				and the second secon
11				
12			And the second	
13				
14				
15				
		11011-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	100 1 100 1	
SECTI	ON 6 - ADDITIONAL TERMS AND PROVISIONS		5	and the second second second second second second
	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 ir		me, or chan	ges in the Work, and to negotiate contract terms with the
	Successful Bidder and the right to disregard all nonconforming, nonresponsi			
	CMAR believes that it would not be in the best interest of the Project to mak doubtful financial ability or fails to meet any other pertinent standard or crit			
	whether the Bids comply with the prescribed requirements, and such alterna			
1		•		
1	PLW TERMS & CONDITIONS:			
	Agreed to PLW Terms and Conditions (yes or no):		NO	<b>"</b>
	If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.			-
1				
		Company Name:		Lone Star Blower
		Contact Name and Title		James Cook / Sales
		Contact Phone Number:		
				832-532-3112
		Signature		(DUZ)
				$\bigcirc$
1	Bid Evaluation Criteria:			
	Description			Weighting Value
	Cost Proposal			
	Complete Bid Package Cost (Lowest Price/Evaluated Proposal Price) x Points Available = Sco.	-		70 Points
	reavest Frite/Evaluated Fraposal Frite/ X Politis Available = 500			
	Technical Proposal			
	Experience and Qualifications			15 Points
	(Provide Subcontrator/Supplier Information Form, Scope of Supp	ly and Schedule)		
I	Compliance with Proposal Terms and Conditions			1

Bid\_Form\_EWP1-01.09-FINAL-R0-20241014.xlsx



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

Conformance with Bid Package Requirements		15 Points	
(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	

## EWP1-01.10 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





### <u>Work Package Recommendation</u> 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 abovementioned 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 Tabulation			WesTec	:h	Walker Proces	ss Equipment	Ov	ivo				
			Environmental Imp				HRM Envir	ronmental				
	BUD	GETED	BIDDER		BIDD	DER 2	BIDD		BIDI	DER 4	BIDDEI	25
	000		Unit	1	Unit		Unit		Unit		Unit	()
Bid Item	Units	UOM	Price	Total Cost	Price	Total Cost	Price	Total Cost	Price	Total Cost	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		\$ 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			ç	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		\$0.0
			\$	-		\$-		\$-		\$-	\$	-
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	H	N*		N*		N*				
5		Y/IN 0/	ł			0%						
% MWBE Participation		% Y/N		0% V		0%		0%				
Qualification Forms Submitted				Y V		Y		Y Y				
Acknowledge Receipt of Addenda		Y/N		Ŷ		Ŷ		Ŷ				
				-				1				
Ranking Tabulation			1	2	3	4	5					

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 \$588,922.22
Recommended By:	Triston Young, PLW Waterworks

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

# WesTech



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

PACKAGE NO.:	EWP1-01.10
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:

TOTAL BASE FRO	I OGRET NICE.						
		In Words:		ed Eighty-Eight	Thousand Nine Hun Twenty-Two Cent		enty-Two Dollars and
		In Figures: \$			588,922.22		
SECTION 1 - DIRECT COST							
ITEM	DESCRIPTION		QTY	UNIT	UNIT COST		TOTAL COST
1 Division 46 - Circula	r Clarifier Sludge Collectors		2	Units	\$-	\$	544,039.00
					\$-	\$	-
					\$-	\$	-
CONSTRUCTION BASE PRIC					\$ -	\$ \$	- 544,039.00
1 Taxes (non-perman						\$	44,883.22
		TOTAL B	ASE PROP	OSAL PRICE		\$	588,922.22
						Ŷ	000,022.22
SECTION 2 - ALTERNATES			_	_			
SECTION 2 - ALTERNATES							
ITEM	DESCRIPTION		QTY	UNIT	UNIT COST		COST
1					\$-	\$	-
2					\$-	\$	-
3					\$-	\$	-
4					\$-	\$	-
SECTION 3 - SCHEDULE							
Identify the duration of th	e following schedule activities:		Duration	14/1 (D			
-	irchase Order Acceptance and Contract Execution:			Wks/Days			
	Receipt of Final Submittal Approval:		10 to 12				
			26 to 28	VVKS			
Estimated Weeks R	eady to Ship:		36 to 40	Wks			
SECTION 4 - ADDENDA &	BID CLARIFICATIONS						
Asknowladge Dessint of A	deende hu Adding Date Jacuard and Initial hal sur		1	Data			
Acknowledge Receipt of A Addendum No. 1	ddenda by Adding Date Issued and Initial below:			Date			
Addendum No. 1 Addendum No. 2			EH	10/28/2024			
			EH	11/7/2024			
Addendum No. 3			EH	11/12/2024	÷		
Addendum No. 4							
Addendum No. 5							
Addendum No. 6							



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

waterworks	
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Initial Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3 Bid Clarification No. 4 Bid Clarification No. 5 Bid Clarification No. 6	Date
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	
126 29 13.19_2.02.G: Nameplates are proposed as mounting to the control panels with double faced in 2 Tax is subject to change based on tax percentages at time 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 change Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserv 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 to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qu prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the	es the right to reject the Bid of any Bidder if the CMAR believes that /e, or the Bidder is unqualified or of doubtful financial ability or fails alifications of the Bidders, whether the Bids comply with the
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: Contact Name and Title Contact Phone Number: Signature	WesTech Engineering Libbie Linton, Executive Vice President Libbie Distaly signed by Libbie Linton Distaly signed by Libbie Linton Distaly signed by Libbie Linton Distaly signed by Libbie Linton Distal Libbie Linton, c=US, o=WesTech Engineering, email=Illinton@westech-inc.com Date: 2024.11.19 12:16:10 -07000
Bid Evaluation Criteria:	
Description Cost Proposal Complete Bid Package Cost (Lowest Price/Evaluated Proposal Price) x Points Available = Score	Weighting Value 70 Points
<b>Technical Proposal</b> Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)	15 Points

Compliance with Proposal Terms and Conditions

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

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

# Walker Process Equipment



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: In Figures: \$			Hundred Three th 703,000	nousa	nd
	in Figures. a			705,000		
SECTION 1 - DIRECT COST						
ITEM DESCRIPTION		QTY	UNIT	UNIT COST		TOTAL COST
1 Division 1 - General Conditions		1	LS	\$ -	\$	:2 <b>4</b> 4
2 Division 1 - Startup & Commissioning, Testing, Training (Manuf	acturer'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)					\$	37
	TOTAL BAS	E PROPO	SAL PRICE		\$	703,000.00
			_		_	
SECTION 2 - ALTERNATES & VALUE ENGINEERING						
		ΟΤΥ	UNIT	UNIT COST		COST
ITEM DESCRIPTION				\$ -	\$	001
1			LS	ş - \$ -	\$	**
2			LS	ş - \$ -	\$	-
3			ls Ls	ş - \$ -	s	-
4			6		12	
		-				
SECTION 3 - SCHEDULE						
Identify the duration of the following schedule activities:		Duration	Wks/Days			
Circular Clarifier Sludge Collectors Equipment Submittal Develo		Daration				
Execution):		8-10 week	s			
Circular Clarifier Sludge Collectors Equipment Fabrication & De	livery (from Approval of		-			
Submittals):		24-26 wee	-			
FRP Weirs and Scum Baffles Submittal Development (from dat	-	8-10 week	-			
FRP Weirs and Scum Baffles Fabrication & Delivery (from Appr	oval of Submittals):	24-26 wee	eks			
SECTION 4 - ADDENDA & BID CLARIFICATIONS						
Acknowledge Receipt of Addenda by Adding Date Issued and Initial	helow	Initial	Date			
		JCT	######################################	10/22/202	4	
Addendum No. 1 Addendum No. 2		JCT	11/7/2024			
		JCT	#######################################			
Addendum No. 3		101	*********	11/20/202	7	
Addendum No. 4						
Addendum No. 5						
Addendum No. 6					_	



Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

knowledge Receipt of Bid Clarification by Adding Date Issued and In	nitial helow:	tial 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		
CTION 5 - ASSUMPTIONS AND CLARIFICATIONS		
ase list all Assumptions & Clarifications below (Add additional line ite		
	ditions per WPE Proposal Number	- 24-01195
2		
3		
4		
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7		
8		
9		
10		
11		
12		
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14		
15		
CTION 6 - ADDITIONAL TERMS AND PROVISIONS This Proposal shall be valid for a period of not less than ninety (90) days from The CMAR reserves the right to reject any and all Bids, to waive any and all in	formalities not involving price, time, or c	hanges in the Work, and to negotiate contract terms with the Successf
CTION 6 - ADDITIONAL TERMS AND PROVISIONS	formalities not involving price, time, or c ed, or conditional Bids. Also, the CMAR r idder, whether because the Bid is not res evaluating Bids, the CMAR will consider t	eserves the right to reject the Bid of any Bidder if the CMAR believes t ponsive, or the Bidder is unqualified or of doubtful financial ability or f the qualifications of the Bidders, whether the Bids comply with the
CTION 6 - ADDITIONAL TERMS AND PROVISIONS This Proposal shall be valid for a period of not less than ninety (90) days from The CMAR reserves the right to reject any and all Bids, to waive any and all in Bidder and the right to disregard all nonconforming, nonresponsive, unbalanc it would not be in the best interest of the Project to make an award to that Bi to meet any other pertinent standard or criteria established by the CMAR. In	formalities not involving price, time, or c ed, or conditional Bids. Also, the CMAR r idder, whether because the Bid is not res evaluating Bids, the CMAR will consider t	eserves the right to reject the Bid of any Bidder if the CMAR believes t ponsive, or the Bidder is unqualified or of doubtful financial ability or f the qualifications of the Bidders, whether the Bids comply with the
CTION 6 - ADDITIONAL TERMS AND PROVISIONS This Proposal shall be valid for a period of not less than ninety (90) days from The CMAR reserves the right to reject any and all Bids, to waive any and all in Bidder and the right to disregard all nonconforming, nonresponsive, unbalanc it would not be in the best interest of the Project to make an award to that Bi to meet any other pertinent standard or criteria established by the CMAR. In	formalities not involving price, time, or c ed, or conditional Bids. Also, the CMAR r idder, whether because the Bid is not res evaluating Bids, the CMAR will consider t	eserves the right to reject the Bid of any Bidder if the CMAR believes t ponsive, or the Bidder is unqualified or of doubtful financial ability or f the qualifications of the Bidders, whether the Bids comply with the
CTION 6 - ADDITIONAL TERMS AND PROVISIONS This Proposal shall be valid for a period of not less than ninety (90) days from The CMAR reserves the right to reject any and all Bids, to waive any and all in Bidder and the right to disregard all nonconforming, nonresponsive, unbalance it would not be in the best interest of the Project to make an award to that Bid to meet any other pertinent standard or criteria established by the CMAR. In prescribed requirements, and such alternates, unit prices and other data, as non- PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no):	formalities not involving price, time, or c ed, or conditional Bids. Also, the CMAR r idder, whether because the Bid is not res evaluating Bids, the CMAR will consider t	eserves the right to reject the Bid of any Bidder if the CMAR believes t ponsive, or the Bidder is unqualified or of doubtful financial ability or f the qualifications of the Bidders, whether the Bids comply with the
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Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR

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

# Ovivo USA





Expansion Project - CMAR

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

In Words: Six hundred twenty-eight thousand eighteen

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:

			Six Humureu tv		
	In Figures	φ		628,018	
SECTION 1 - DIRECT COS	ſ				
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1 Division 1 - Genera	Conditions	1	LS	\$-	
2 Division 1 - Startup	& Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$-	18,426.00
3 Division 44 - FRP W	eirs and Scum Baffles	1	LS	\$-	59,220.00
4 Division 46 - Circula	ar Clarifier Sludge Collectors Equipment	2	EA	\$-	550,372.0
CONSTRUCTION BASE PRIC	CE PROPOSAL TOTAL				628,018.00
5 Taxes (non-perman	ent material) Not included				
	ΤΟΤΑ	L BASE PROF	POSAL PRICE		\$ 628,018.0
SECTION 2 - ALTERNATES	S & VALUE ENGINEERING				
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
		1	LS	\$-	\$-
1			10	\$-	\$-
1 2		1	LS	7	
		1		\$-	\$-
2		1			\$ - \$ -
2 3 4 SECTION 3 - SCHEDULE Identify the duration of the Circular Clarifier Slu Execution): Circular Clarifier Slu Submittals): FRP Weirs and Scur	ne following schedule activities: Idge Collectors Equipment Submittal Development (from date of PO Idge Collectors Equipment Fabrication & Delivery (from Approval of n Baffles Submittal Development (from date of PO Execution): n Baffles Fabrication & Delivery (from Approval of Submittals):	1	LS LS Wks/Days IS	\$ -	
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Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR

knowledge 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		
CTION 5 - ASSUMPTIONS AND CLARIFICATIONS	_	
ase 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 in Spec section 46 43 21 - 3.01 - Shop coating system not found in specification section	n 09 96 00.01. Si	ubmerged fabricated steel and Non-submeregd
2 fabricated steel will be shipped bare steel. Please refer to the checked mark specific 3	cation.	
4		
5		
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7		
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15		
CTION 6 - ADDITIONAL TERMS AND PROVISIONS		
This Proposal shall be valid for a period of not less than ninety <b>(90)</b> days from the Bid Due Date as and The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditi believes that it would not be in the best interest of the Project to make an award to that Bidder, whet financial ability or fails to meet any other pertinent standard or criteria established by the CMAR. In ex Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may	price, time, or chan onal Bids. Also, the her because the Bid valuating Bids, the C	CMAR reserves the right to reject the Bid of any Bidder if the CMA is not responsive, or the Bidder is unqualified or of doubtful MAR will consider the qualifications of the Bidders, whether the
PLW TERMS & CONDITIONS:		
Agreed to PLW Terms and Conditions (yes or no):	No*	*Please see attached modifications in bid proposal.
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.		-
Company	Name:	Ovivo USA LLC
Contact Name an		Todd Kline - General Manager
Contact Phone Nu		801-931-3202
	nature	
Bid Evaluation Criteria:		
Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		

15 Points

I

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR 11/18/2024

(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements		15 Points
(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)		12 FOLLES
	TOTAL	100 Points

# EWP1-01.11 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## 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 abovementioned 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

					1 - SCUM PUN	irs pec.s	DEC. 4	4 42 30.03						
Bid Tabulation			Vaughan											
			NEWMAN Reg	gency										
	BUD	GETED	BIDDER 1		BIDI	DER 2		BIDDER	3	BI	DDER 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	т	Fotal 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):		WК		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				
	4=0/					
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	Muli Kunh 12/20/24
City of Tomball	
David Esquivel	

# Vaughn Pumps



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:

TOTAL BASE PROPOSAL PRICE:	In Words:	One H	lundred Thi	irty N	ine Thousand	d Nine H	lundred Fifty
	In Figures: \$				139,950.00		,
SECTION 1 - DIRECT COST							
ITEM DESCRIPTION		QTY	UNIT		UNIT COST	-	TOTAL COST
1 Division 1 - General Conditions			LS	\$	-	inclu	
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)			LS	\$	-	inclu	
3 Division 8 - Access Doors			EA	\$	-	inclu	
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 BAS					\$ \$	- 139,950.00
	TOTAL BAS		SAL PRICE			Ş	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	W/kc/Dove				
		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							



Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

cknowledge 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	
ECTION 5 - ASSUMPTIONS AND CLARIFICATIONS ease list all Assumptions & Clarifications below (Add additional line items as necessa	
1	" <i>Y</i> )
2	
3	
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5	
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12	
13	
14	
15	
ECTION 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 inv	
Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditiona it would not be in the best interest of the Project to make an award to that Bidder, whether be	
to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, th	
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 <b>Request for Modifications/Sample Subcontract Markup</b> to this bid.	
Co	mpany Name: Newman RegencyGroup
Contact N	lame and Title
Contact Pl	hone Number:
	Signature
	-
Bid Evaluation Criteria:	
Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Proposal	
Technical Proposal Experience and Qualifications	15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Sched	



Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

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

# EWP1-01.12 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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 cos 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 F	PUMPS   Spec. S	Sec. 44 42 56.14					
Bid Tabulation			BOERG	ier	VOEGE	LSANG	NET	ZSCH				
			NEWMAN R	EGENCY	E	12	GLOB/	AL WET				
	BUD	GETED	BIDDEI	R 1	BIDD	DER 2	BIDE	DER 3	BI	DDER 4	BIDDEI	R 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		\$-		\$-	\$ 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			\$-	\$	-
Division 44 - RAS Pumps and Motors	6	EA	23,250.00				\$ 25,586.13			\$-	\$	-
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
				\$-		\$-		\$-		\$-	\$	-
Total: Base Bid + Alternates				\$170,000.00		\$538,175.50		\$218,176.04		\$0.00		\$0.00
% Variance from Low Bid				0%		216.57%		28.34%		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		Ν				
Acknowledge Receipt of Bid Clarifications		Y/N		Y		Y		N				

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	BOERGER	VOEGELSANG	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	M l.K l waraavar
Murali Erat	12/20/24
City of Tomball	
David Esquivel	

# BOERGER



Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR 11/15/2024

PACKAGE NO.:	EWP1-01.12	
PACKAGE DESCRIPTION:	RAS AND WAS PUMPS	2 N.
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

ITEM	DESCRIPTION	QTY	UNIT	l	UNIT COST	TOTAL COST
1 Division 1 - Gene	ral Conditions	1	LS	\$	- 1	\$ -
2 Division 1 - Start	up & Commissioning, Testing, Training (Manufacturer's Services)		LS	5	1	\$
	Pumps and Motors		EA	\$		\$ 139,500.
4 Division 44 - WA	S Pumps and Motors	2	EA	\$	10,750.00	\$ 21,500.
CONSTRUCTION BASE P	RICE PROPOSAL TOTAL	-				\$ 170,000.
5 Taxes (non-perm	anent material)					\$-
		TOTAL BASE PR	OPOSAL PRIC	E		\$ 170,000.
JECTION 2 - ALTERNA	TES & VALUE ENGINEERING					
ITEM	DESCRIPTION	QTY	UNIT	ı	JNIT COST	COST
1		1	LS	\$	-	\$ -
2		1	LS	\$	-	\$-
3		1	LS	\$	a diamatin'	\$ -
4		1	LS	\$	-	\$
SECTION 3 - SCHEDUL	the following schedule activities:	and the second				
	3		Wks/Days			
	mittal Development (from date of PO Execution): ication & Delivery (from Approval of Submittals):	3 Weeks				
		10 Weeks				
RAS Pumps Subn	nittal Development (from date of PO Execution):	3 Weeks				
	cation & Delivery (from Approval of Submittals):	10 Weeks				
ECTION 4 - ADDENDA	& BID CLARIFICATIONS					
Acknowledge Receipt o	f Addenda by Adding Date Issued and Initial below:	Initial	Date			
Addendum No. 1		NN	11/11/202	24		
Addendum No. 2		NN	11/11/202	24		
Addendum No. 3		NN	11/13/20	24		
Addendum No. 4						
Addendum No. 5 Addendum No. 6						



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** NN 11/13/2024 **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 2.01A1a - 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 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: Boerger LLC Contact Name and Title Nate Neufeld - Regional Sales Manager Contact Phone Number: 612-435-7307 Signature Nate Neufeld -10 1/4 **Bid Evaluation Criteria:** Description Weighting Value **Cost Proposal** Complete Bid Package Cost 70 Points (Lowest Price/Evaluated Proposal Price) x Points Available = Score Technical Proposal Experience and Qualifications 15 Points (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) **Compliance with Proposal Terms and Conditions** Conformance with Bid Package Requirements 15 Points



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.)

100 Points

TOTAL

# VOEGELSANG





**Expansion Project - CMAR** 

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 P	ROPOSAL PRICE:						
		In Words:					
		In Figures: \$			\$596,351		
SECTION 1 - DIRECT CO	IST						
ITEM	DESCRIPTION		QTY	UNIT	UNIT COST		TOTAL COST
1 Division 1 - Gene	ral Conditions		1	LS	\$ ·	- \$	-
2 Division 1 - Starte	up & Commissioning, Testing, Training (Manufacturer's Services)		1	LS	\$	- \$	-
3 Division 44 - RAS	Pumps and Motors		6	EA	\$	\$	480,000.00
4 Division 44 - WAS	S Pumps and Motors		2	EA	\$.	- \$	58,175.50
CONSTRUCTION BASE P	RICE PROPOSAL TOTAL					\$	596,351.00
5 Taxes (non-perm	anent material)					\$	-
		TOTAL BASE	PROPO	SAL PRICE		\$	596,351.00
SECTION 2 - ALTERNAT	ES & VALUE ENGINEERING						
						_	0007
ITEM	DESCRIPTION		QTY	UNIT			COST
1				LS	\$	Ŷ	-
2				LS	Ŷ	- \$	-
3				LS	\$ \$	- \$ - \$	-
4			1	LS	ب	ې ج	-
SECTION 3 - SCHEDULE							
Identify the duration of	the following schedule activities:	0	Duration	Wks/Days			
WAS Pumps Subr	nittal Development (from date of PO Execution):	_	4				
WAS Pumps Fabr	ication & Delivery (from Approval of Submittals):	1	4-16 wee	eks AAS			
RAS Pumps Subm	ittal Development (from date of PO Execution):		4				
RAS Pumps Fabri	cation & Delivery (from Approval of Submittals):	1	4-6 weel				
SECTION 4 - ADDENDA	& BID CLARIFICATIONS						
	f Addenda by Adding Date Issued and Initial below:	li	nitial	Date			
Addendum No. 1		J	н	28-Oct			
Addendum No. 2		J	Н	12-Nov			
Addendum No. 3		J	Н	13-Nov			
Addendum No. 4							
Addendum No. 5							
Addendum No. 6							



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	Jh	1-Nov
Bid Clarification No. 2	311	T-INON
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	/	
2		
3		
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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		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, t		
that it would not be in the best interest of the Project to make an award to that Bidder, whether because the or fails to most any other participant standard or criticipant bicked by the CMAP, in surface line 104, the CMAP is a surface of the term of te		
or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CM the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the B		
PLW TERMS & CONDITIONS:		
		- I
Agreed to PLW Terms and Conditions (yes or no): If NO- Please attach a <b>Request for Modifications/Sample Subcontract Markup</b> to this bid.	No	J
	ame:	
Contact Name and		
Contact Phone Nun		713-461-1111
Signa	ature	Jeff Houston President - EI2
Bid Evaluation Criteria:		1
Description		Weighting Value
Cost Proposal		70 Deliate
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		
Experience and Qualifications		15 Points

Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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

# NETZSCH



**Expansion Project - CMAR** 

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 e	ighteen tho	ousar	nd, one hundr	ed sev	enty six and four
		In Figures: \$			ç	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 8	Commissioning, Testing, Training (Manufacturer's Services	)	1	LS	\$	-	\$	6,800.00
3 Division 44 - RAS Pur	nps and Motors		6	EA	\$	-	\$	153,516.78
4 Division 44 - WAS Pu	mps and Motors		2	EA	\$	-	\$	51,172.26
CONSTRUCTION BASE PRICE	PROPOSAL TOTAL						\$	218,176.04
5 Taxes (non-permane	nt material)						\$	-
		TOTAL BAS	E PROPO	SAL PRICE			\$	218,176.04
		_				_		
SECTION 2 - ALTERNATES &	k VALUE ENGINEERING							
ITEM	DESCRIPTION		QTY	UNIT		UNIT COST		COST
1			1	LS	\$	-	\$	-
2			1	LS	\$	-	\$	-
3			1	LS	\$	-	\$	-
4			1	LS	\$	-	\$	-
SECTION 3 - SCHEDULE								
	following schedule activities:	-	Duration	Wks/Davs		-		
Identify the duration of the	<b>following schedule activities:</b> al Development (from date of PO Execution):		Duration	Wks/Days				
Identify the duration of the WAS Pumps Submitt	al Development (from date of PO Execution):		Duration	Wks/Days -		-		
<b>Identify the duration of the</b> WAS Pumps Submitt WAS Pumps Fabricat	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals):	-	Duration	Wks/Days -				
<b>Identify the duration of the</b> WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): l Development (from date of PO Execution):	-	Duration	Wks/Days - -				
<b>Identify the duration of the</b> WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta RAS Pumps Fabricati	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): l Development (from date of PO Execution): on & Delivery (from Approval of Submittals):		Duration	Wks/Days - -				
<b>Identify the duration of the</b> WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta RAS Pumps Fabricati	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): l Development (from date of PO Execution): on & Delivery (from Approval of Submittals):		Duration	Wks/Days - -				
Identify the duration of the WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta RAS Pumps Fabricati SECTION 4 - ADDENDA & E	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): l Development (from date of PO Execution): on & Delivery (from Approval of Submittals):		Duration	Wks/Days - - Date				
Identify the duration of the WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta RAS Pumps Fabricati SECTION 4 - ADDENDA & E	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): I Development (from date of PO Execution): on & Delivery (from Approval of Submittals): ID CLARIFICATIONS			-		_		
Identify the duration of the WAS Pumps Submitt WAS Pumps Fabricat RAS Pumps Submitta RAS Pumps Fabricati SECTION 4 - ADDENDA & E Acknowledge Receipt of Ad	al Development (from date of PO Execution): ion & Delivery (from Approval of Submittals): I Development (from date of PO Execution): on & Delivery (from Approval of Submittals): ID CLARIFICATIONS			-				
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Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

cnowledge 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 Bid Clarification No. 6	Initial Date
Bid Clarification No. 2 Bid Clarification No. 3 Bid Clarification No. 4 Bid Clarification No. 5	
Bid Clarification No. 3 Bid Clarification No. 4 Bid Clarification No. 5	
Bid Clarification No. 4 Bid Clarification No. 5	
Bid Clarification No. 5	
Bid Clarification No. 6	
TION 5 - ASSUMPTIONS AND CLARIFICATIONS	
ase list all Assumptions & Clarifications below (Add additional line items as necessary)	
1 attached	
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CTION 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, tim Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the C that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bi or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Fo	CMAR reserves the right to reject the Bid of any Bidder if the CMAR believe Bid is not responsive, or the Bidder is unqualified or of doubtful financial ab R will consider the qualifications of the Bidders, whether the Bids comply w
PLW TERMS & CONDITIONS:	
Agreed to PLW Terms and Conditions (yes or no):	
Agreed to PLW Terms and Conditions (yes of hig). If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	
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Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

(Provide Subcontrator/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		15 Points
letterhead and submitted with the proposal.)	TOTAL	100 Points

# EWP1-01.14 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





# <u>Work Package Recommendation</u> 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 abovementioned 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 EILTERS | Spec. Sec. 46 61 41

			Bid Package EWP1_	_01.14 - AUTO	MATIC BACKWA	SH DISC FILTERS	Spec. Sec. 46	5 61 41				
Bid Tabulation			EVOQU	JA	VEC	DLIA						
			EI2		GLOBA	L WET						
	BUD	GETED	BIDDER	1	BIDD	DER 2	BIDDER 3		BIDDER 4		BI	DDER 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	9	-		\$-		\$-		\$ -		\$-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's												
Services)	1	LS	9	-		\$-		\$-		\$-		\$-
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		\$-		\$ -		\$-
			ç	-		\$-		\$ -		\$ -		\$-
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:		× (b)										
Agreed to PLW T&C		Y/N		N		N						
% MWBE Participation		%		0%		0%						
Qualification Forms Submitted		Y/N		N Y		Y						
Acknowledge Receipt of Addenda		Y/N		-		Y						
Acknowledge Receipt of Bid Clarifications		Y/N		N		Ŷ						
Ranking Tabulation			1	2	3	4	5	]				
Bid Item	We	eight	EVOQUA	VEOLIA	0	0	0					
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points								1				
Available = Score	7	0%	70.00	67.99	#DIV/0!	#DIV/0!	#DIV/0!					
Experience and Qualifications	1	5%	10.00	12.00								
								1				

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

15%

100%

Compliance with Proposal Terms and Conditions (See list above)

**Total Points** 

#### ACCEPTANCE

10.00

89.99

10.00

90.00

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

#DIV/0!

#DIV/0!

#DIV/0!

# **Bid Cost Normalization**

# Description	Bidder 1		Bidder 2		Bidder 3	Notes
Increase in pipe and valve sizes from 20" to	)					
1 24".			\$ 100,00	0.00	\$	-
2	\$	-	\$	-	\$	-
3	\$	-	\$	-	\$	-
4	\$	-	\$	-	\$	-
5	\$	-	\$	-	\$	-
6	\$	-	\$	-	\$	-
7	\$	-	\$	-	\$	-
8	\$	-	\$	-	\$	-
9	\$	-	\$	-	\$	-
10	\$	-	\$	-	\$	-
TOTAL	\$	-	\$ 100,00	0.00	\$	-





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:

			narea eignt		undred eight dollars
	In Figu		ot inlcuded	808308*	
ECTION 1 - DIRECT COST		laxes II	ot micuded		
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1 Division 1 - General Condit			1 LS	\$ -	included
	missioning, Testing, Training (Manufacturer's Services)		1 LS	\$ -	included
3 Division 46 - Automatic Ba			2 EA	\$ -	included
CONSTRUCTION BASE PRICE PROF		-		Ŧ	\$ -
4 Taxes (non-permanent ma					not included at th
		L BASE PROPO	SAL PRIC	E	\$ 808,308.0
ECTION 2 - ALTERNATES & VAL	UE ENGINEERING				
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1 Access Platform - Please se	ee Section 3 of the proposal for platform description	1	1 LS	\$-	included
2		1	1 LS	\$-	\$-
3		1	1 LS	\$-	\$-
4		1	1 LS	\$-	\$-
5 Taxes (non-permanent ma	terial)				not included at th
	ΤΟΤΑ	L BASE PROPO	DSAL PRIC	Ε	\$ 100,395.0
SECTION 3 - SCHEDULE	ΤΟΤΑ	L BASE PROPC	DSAL PRICI	E	\$ 100,395.0
			SAL PRIC		\$ 100,395.( 
dentify the duration of the follo	wing schedule activities:				\$ 100,395.
dentify the duration of the follo		Duration	Wks/Day		
dentify the duration of the follo Automatic Backwash Disk I	wing schedule activities: Filters Submittal Development (from date of PO Execution):	Duration	Wks/Day	/5	
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#### Request For Proposal Bid Form - Suppliers Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

ease list all Assumptions & Clarifications below (Add additional line items as necessary)           1         Please see Section 5 of the proposal for full list of clarifications a           2	
7	nd exceptions.
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ECTION 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 Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves 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 respor or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider t the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the prescribed requirements.	the right to reject the Bid of any Bidder if the CMAR believes sive, or the Bidder is unqualified or of doubtful financial ability ne qualifications of the Bidders, whether the Bids comply with
PLW TERMS & CONDITIONS:	_
Agreed to PLW Terms and Conditions (yes or no): no	
a sufficient state of the second state of the	see standard terms of sale in proposal. Evoqua is
confider	at in the ability to meet mutually agreed upon terms
	t in the ability to meet mutually agreed upon terms and conditions upon order
Company Name:	at in the ability to meet mutually agreed upon terms and conditions upon order Evoqua Water Technologies, LLC
Company Name: Contact Name and Title	at in the ability to meet mutually agreed upon terms and conditions upon order Evoqua Water Technologies, LLC Rose McSherry, Technical Sales Engineer
Company Name: Contact Name and Title Contact Phone Number:	at in the ability to meet mutually agreed upon terms and conditions upon order Evoqua Water Technologies, LLC Rose McSherry, Technical Sales Engineer 262-283-8715
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# VEOLIA

PACKAGE NO.:	EWP1-01.14
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 We		ven hundred two	enty one thousa	nd six l	nundred eight
In Figur	es. ø		721,608		
ECTION 1 - DIRECT COST**					
TEM 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 <b>EA</b>	\$-	\$	721,608.0
ONSTRUCTION BASE PRICE PROPOSAL TOTAL				\$	721,608.0
4 Taxes (non-permanent material)***				\$	-
101	AL BASE PRO	OPOSAL PRICE		\$	721,608.0
ECTION 2 - ALTERNATES & VALUE ENGINEERING**					
ITEM DESCRIPTION	QTY	UNIT	UNIT COST		COST
1 Access Platform		1 LS	\$ 114,000.		114,000.0
2		1 LS	\$ -	\$	-
3		1 LS	\$ -	\$	-
4		1 LS	\$ -	\$	-
SECTION 3 - SCHEDULE**					
dentify the duration of the following schedule activities:	Duratio	n Wks/Days			
	Bulatio	11 11(3) 2043			
Automatic Backwash Disk Filters Submittal Development (from date of PO Execution):	6-8 Wks	<u>.                                    </u>			
Automatic Backwash Disk Filters Fabrication & Delivery (from Approval of Submittals):	24.26 \	//+0			
SECTION 4 - ADDENDA & BID CLARIFICATIONS	24-36 V	/KS			
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date			
Addendum No. 1	MB MB	22-Oct-24			
Addendum No. 2	11/3 M3	06-Nov-24			
Addendum No. 3	4.110	12-Nov-24	ļ		
Addendum No. 4					
Addendum No. 5					
Addendum No. 6					
Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initial	Date	NI/A		1
Bid Clarification No. 1					larification #1 w bid solicitation.
Bid Clarification No. 2	MB	12/11/2024			
Bid Clarification No. 3					
Bid Clarification No. 4					
Bid Clarification No. 5					
Bid Clarification No. 6					
ECTION 5 - ASSUMPTIONS AND CLARIFICATIONS					

ease 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 conditions for the contract post-award. If selected, Veolia proposes to enter good faith negotiations conditions for this contract. Veolia's Bid Submittal, including pricing, is provided per the scope of wor 1 comments and clarifications as included in the Scope of Supply.	with PLW to reach mutually agreeable terms and
<ul> <li>46 61 41 1.04.C Performance Criteria Backwash Flow:</li> <li>We anticipate that the average backwash (BW) flow rate will remain below 2% of the total flow. Duri estimated to reach approximately 55% of the BW pump capacity. Given that the peak hourly flow (PF 2 expectation aligns with our performance targets and capacity considerations. However, please note</li> </ul>	IF) is 12 MGD and the average flow is 3 MGD, this
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.
4 Per 46 61 41 in addendum 3, enclosure shall be 304 L stainless steel dead front configuration.	
5	
6 7	
8	
9 10	
11	
12 13	
14	
15	
CTION 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 chang Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive	ves the right to reject the Bid of any Bidder if the CMAR believes that e, or the Bidder is unqualified or of doubtful financial ability or fails t
This Proposal shall be valid for a period of not less than ninety <b>(90)</b> 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 chang Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reser	ves the right to reject the Bid of any Bidder if the CMAR believes that e, or the Bidder is unqualified or of doubtful financial ability or fails t ifications of the Bidders, whether the Bids comply with the prescribe
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\*\*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



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





# <u>Work Package Recommendation</u> 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 abovementioned 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

D'd Tabulation						N SYSTEM   Spe		5					
Bid Tabulation			WEDECO			CHNOLOGIES							
			XYLEM WA	TER	NEWMAN	REGENCY							
	BUD	GETED	BIDDER	L	BIDE	DER 2	BIDI	DER 3	BID	DDER 4	В	IDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Tota	al 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				\$-		\$-		\$	-
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			1	2	3	Δ	5	1					

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	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	Muli Kunh 12/20/24
City of Tomball	
David Esquivel	

# Wedeco



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

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:

	UNIT 1 LS 1 LS 1 EA DSAL PRICE	\$ \$ \$	381,900 UNIT COST - 18,858 363,042		TOTAL COST - 18,858. 363,042. 381,900. - 381,900.
	1 LS 1 LS 1 EA	\$ \$ \$	- 18,858	\$ \$ \$ \$	- 18,858. 363,042. 381,900. -
	1 LS 1 LS 1 EA	\$ \$ \$	- 18,858	\$ \$ \$ \$	- 18,858. 363,042. 381,900. -
	1 LS 1 LS 1 EA	\$ \$ \$	- 18,858	\$ \$ \$ \$	- 18,858. 363,042. 381,900. -
	1 LS 1 EA	\$ \$	18,858	\$ \$ \$ \$	363,042. 381,900. -
	1 EA	\$		\$ \$ \$	363,042. 381,900. -
			363,042	\$ \$	381,900. -
E PROPO	OSAL PRICE			\$	-
E PROPO	OSAL PRICE	<u>.</u>			-
E PROPO	OSAL PRICE			\$	381 000
					581,900.
QTY	UNIT		UNIT COST		соѕт
	1 LS	\$	9,542.00	\$	9,542.
	1 LS	\$	-	\$	-
	1 LS	\$	-	\$	-
	1 LS	\$	-	\$	-
Duration	Wks/Day	5			
10-12 We	eeks				
10-12 We	_				
	_				
22-26 We	eeks				
22-26 We	eeks Date				_
22-26 We Initial CM	Date 10/28/2	4		_	
22-26 We Initial CM CM	Date 10/28/2 11/14/2	4			
22-26 We Initial CM	Date 10/28/2	4			
22-26 We Initial CM CM	Date 10/28/2 11/14/2	4			
22-26 We Initial CM CM	Date 10/28/2 11/14/2	4			
22-26 Wo Initial CM CM CM	eeks Date 10/28/2 11/14/2 11/14/2	4		_	
22-26 We Initial CM CM	Date 10/28/2 11/14/2	4		_	
22-26 Wo Initial CM CM CM	eeks Date 10/28/2 11/14/2 11/14/2	4		_	
22-26 Wo Initial CM CM CM	eeks Date 10/28/2 11/14/2 11/14/2	4		_	
22-26 Wo Initial CM CM CM	eeks Date 10/28/2 11/14/2 11/14/2	4			
22-26 Wo Initial CM CM CM	eeks Date 10/28/2 11/14/2 11/14/2	4			
[		QTY UNIT 1 LS 1 LS 1 LS 1 LS 1 LS 2 Unition Wks/Day	1 LS \$ 1 LS \$ 1 LS \$ 1 LS \$ 1 LS \$	1 LS \$ 9,542.00 1 LS \$ - 1 LS \$ -	1 LS \$ 9,542.00 \$ 1 LS \$ - \$ 1 LS \$ - \$



#### 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 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.

<sup>4</sup> <u>46 66 56, 2.02, D, 7 **Exception**</u>: 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 leve 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 CMAF 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:	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> Description		Weighting Value
Cost Proposal Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		70 - 01113
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points
(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

# Trojan Technologies



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.

In Word	E Four	hundred and ni	inety nine thousai	nd and	d zero dollars.
In Figures:			499,000		
ECTION 1 - DIRECT COST					
TEM 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	B EA	\$-	\$	455,900.00
ONSTRUCTION BASE PRICE PROPOSAL TOTAL				\$	499,900.00
4 Taxes (non-permanent material)				\$	-
τοτα	BASE PRO	POSAL PRICE		\$	499,900.00
				_	
ECTION 2 - ALTERNATES & VALUE ENGINEERING					
TEM DESCRIPTION	QTY	UNIT	UNIT COST		COST
1 Elimination of Harmonics Testing	-	LS	\$ 8,000.00	\$	8,000.00
<ul> <li>2 Elimination of Fortinet Switch per 46 66 56 Part 2 - 2.02.C.5.d.1 and Elimination of the Quint</li> </ul>		LS	\$ 2,650.00		2,650.00
3 Elimination of the Spare Hydraulic Pump Assy		LS	\$ 2,250.00		2,250.00
4		LS	\$ 2,250.00	\$	2,230.00
ECTION 3 - SCHEDULE					
ECTION 3 - SCHEDULE					
lentify the duration of the following schedule activities:		_Wks/Days			-
	Duration 8/140	_Wks/Days			
lentify the duration of the following schedule activities:		_Wks/Days			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution):	8/140	_Wks/Days _			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS	8/140 20/140	- · ·			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS cknowledge Receipt of Addenda by Adding Date Issued and Initial below:	8/140 20/140 Initial	- Date			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS cknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1	8/140 20/140 Initial BG	Date 10/22/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS cknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2	8/140 20/140 Initial BG BG	Date 10/22/2024 11/6/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS Ecknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2 Addendum No. 3	8/140 20/140 Initial BG	Date 10/22/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS cknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2	8/140 20/140 Initial BG BG	Date 10/22/2024 11/6/2024			
<ul> <li>Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication &amp; Delivery (from Approval of Submittals):</li> <li>ECTION 4 - ADDENDA &amp; BID CLARIFICATIONS</li> <li>cknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2 Addendum No. 3 Addendum No. 4</li> </ul>	8/140 20/140 Initial BG BG	Date 10/22/2024 11/6/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECKnowledge 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	8/140 20/140 Initial BG BG	Date 10/22/2024 11/6/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - ADDENDA & BID CLARIFICATIONS cknowledge 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	8/140 20/140 Initial BG BG BG	Date 10/22/2024 11/6/2024 11/12/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - ADDENDA & BID CLARIFICATIONS Ecknowledge 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 Ecknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	8/140 20/140 Initial BG BG BG	Date 10/22/2024 11/6/2024 11/12/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - 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 Ectnowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1	8/140 20/140 Initial BG BG BG	Date 10/22/2024 11/6/2024 11/12/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - ADDENDA & BID CLARIFICATIONS Ecknowledge 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 Ecknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1 Bid Clarification No. 2	8/140 20/140 Initial BG BG BG	Date 10/22/2024 11/6/2024 11/12/2024			
Jentify the duration of the following schedule activities: UV Disinfection System Submittal Development (from date of PO Execution): UV Disinfection System Fabrication & Delivery (from Approval of Submittals): ECTION 4 - ADDENDA & BID CLARIFICATIONS ECTION 4 - ADDENDA & BID CLARIFICATIONS Ecknowledge 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 Ecknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3	8/140 20/140 Initial BG BG BG	Date 10/22/2024 11/6/2024 11/12/2024			

#### SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS

1

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

See enclosed trojan 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): 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	Zuelk Zor -	

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

# EWP1-01.16 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





# <u>Work Package Recommendation</u> 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 abovementioned 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 DRI M THICKENERS | Spec. Sec. 46 71 33 46 33 33

			Bid Package EWP1	_01.16 - ROTAI	RY DRUM THICKE	NERS   Spec. S	ec. 46 /1 33, 46	33 33					
Bid Tabulation			ANDRI	TZ	AFLA L	AVAL	PARK	SON	BDP IND	USTRIES			
			HARTW	/ELL	El	2	GLOBA	L WET	HRM ENVIR	ONMENTAL			
	BUD	GETED	BIDDE	R 1	BIDDI	ER 2	BIDDI	ER 3	BIDD	ER 4	BI	DDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Tota	al 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		\$-	15,500.00			\$	-
Division 46 - Rotary Drum Thickeners	2	EA	\$ 241,074.00	\$ 482,148.00		\$ 496,111.40	273,152.00	\$ 546,304.00	305,500.00			\$	-
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:	<b>Triston Young, PLW Waterworks</b>

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

# **Bid Cost Normalization**

Description	Bid	der 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



Addendum No. 4 Addendum No. 5 Addendum No. 6

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:						
				Thousand, Eight Hu	Indre	ed and Seventeen
Ir	Figures: \$			598,817		
ECTION 1 - DIRECT COST						
ITEM DESCRIPTION		QTY	UNIT	UNIT COST		TOTAL COST
1 Division 1 - General Conditions Included in Item 3		1 LS	i I	Included in Item 3		
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services) In	ncluded in I	1 LS		Included in Item 3		
3 Division 46 - Rotary Drum Thickeners		2 EA	<b>\</b>	\$ 273,152.00	\$	546,304.0
4 Division 46 - Polymer Blending and Feed System		1 EA	1	\$ 52,513.00	\$	52,513.0
ONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$	598,817.0
5 Taxes (non-permanent material) - Taxes are exlcuded per CMAR Agreement 5.1.2	.4				\$	-
	TOTAL BA	SE PROPO	SAL PRICE		\$	598,817.0
SECTION 2 - ALTERNATES & VALUE ENGINEERING					_	
LECTION 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 a	bove	1 LS		\$ (229,931.00)	\$	(229,931.0
2		1 LS		\$-	\$	-
3		1 LS		\$-	\$	-
4		1 LS		\$-	\$	-
SECTION 3 - SCHEDULE						
Identify the duration of the following schedule activities:	Du	uration W	ks/Days			
Rotary Drum Thickeners Submittal Development (from date of PO Execution):		to 10 w	-			
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	18	3 to 22 w	eeks			
Polymer Blending and Feed System Submittal Development (from date of PO Exect	ution): 4 t	to 6 w	eeks			
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Subm	ittals): 10	) to 12 w	eeks			
SECTION 4 - ADDENDA & BID CLARIFICATIONS						
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Ini	itial Da	ate			
Addendum No. 1	AT		10/22/2024			
Addendum No. 2	AT		11/6/2024			
Addendum No. 3	AT		11/12/2024			
	/11		,, _04			



#### Request For Proposal Bid Form - Suppliers

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

Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	In the I	Data
Bid Clarification No. 1	Initial	Date
Bid Clarification No. 2	AT`	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 Section 40 90 02.01 was not included in the project specification manual and there	fore we take except	ion to any requirements related to that section
<sup>2</sup> Section 26 29 23.11 specifies drives for the influent pumps, digester sludge feed pu are providing standard RDT vendor supplied VFD's with line reactors for the RDT co		nps, and blowers. We take exception to this section as we
3 Please refer to the Parkson Supplied "Bid Scope - Tomball South, TX" Document for	Buyer/Owner Resp	onsibilities
4 RDT Drain Valve shall be provided by others		
5 Section 46 71 33 Section 2.14 references Bushing spare parts, these are not applica	ble to Parkson and	are therefore excluded.
6 P&ID PI-15 - The following equipment was not detailed with an asterisk and shall th pressure indicators, balls valves and isolation rings	erefore be provide	d by others: Pressure relief valves, low presure switch,
7		
8		
9		
10		
11		
12		
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 and The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice	price, time, or changes e CMAR reserves the rig responsive, or the Bidd qualifications of the Bid	nt to reject the Bid of any Bidder if the CMAR believes that it would not er is unqualified or of doubtful financial ability or fails to meet any other
PLW TERMS & CONDITIONS:		
Agreed to PLW Terms and Conditions (yes or no):	NO	(see attachment)
Agreed to PLW Terms and Conditions (yes or no): If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	NO	(see attachment)
	NO	(see attachment)
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	NO ny Name:	(see attachment) Parkson Corporation
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	ny Name:	
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	ny Name:	Parkson Corporation Andrew Singer, Contracts Manager 954-974-6610
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid. Compa Contact Name Contact Phone	ny Name:	Parkson Corporation Andrew Singer, Contracts Manager 954-974-6610
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid. Compa Contact Name Contact Phone	ny Name: and Title Number:	Parkson Corporation Andrew Singer, Contracts Manager
If NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid. Compa Contact Name Contact Phone	ny Name: and Title Number:	Parkson Corporation Andrew Singer, Contracts Manager 954-974-6610
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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

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	s	\$ -	\$ -
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Se	vices) 1 LS	s	\$ 15,656.00	\$ 15,656.00
3 Division 46 - Rotary Drum Thickeners	2 E	A	\$ 241,074.00	\$ 482,148.00
4 Division 46 - Polymer Blending and Feed System	1 E/	A	\$ 47,196.00	\$ 47,196.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL				\$ 545,000.00
5 Taxes (non-permanent material)				\$ -
	TOTAL BASE PROPOSA	AL PRICE		\$ 545,000.00

#### SECTION 2 - ALTERNATES & VALUE ENGINEERING

ITEM DESCRIPTION	QTY L	INIT	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

dentify 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
ECTION 4 - ADDENDA & BID CLARIFICATIONS	
cknowledge 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	



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

nowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Initia	l Date	
Bid Clarification No. 1	SRW		2/24
Bid Clarification No. 2			
Bid Clarification No. 3			
Bid Clarification No. 4			
Bid Clarification No. 5			
Bid Clarification No. 6			
TON 5 - ASSUMPTIONS AND CLARIFICATIONS			
ION 5 - ASSUMPTIONS AND CLARIFICATIONS se list all Assumptions & Clarifications below (Add additional line items as neces:	sary)		
1			
2			
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TION 6 - ADDITIONAL TERMS AND PROVISIONS This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Da The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not in the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Als best interest of the Project to make an award to that Bidder, whether because the Bid is not re standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the a	volving price, time, or changes in th o, the CMAR reserves the right to re sponsive, or the Bidder is unqualifi	eject the Bid of ied or of doubt	any Bidder if the CMAR believes that it would not be in ful financial ability or fails to meet any other pertinent
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# AFLA LAVAL



#### Request For Proposal Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

PACKAGE NO.:	EWP1-01.16
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.

	In Words:	Fi	ive hundred i	ninety	eight thousan	d dol	lars 0/100
	In Figures: \$				598,000		
ECTION 1 - DIRECT COST							
TEM DESCRIPTION		QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - General Conditions		1	L LS	\$	-	\$	-
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacture	er's Services)	1	L LS	\$	40,401.98	\$	40,401.98
3 Division 46 - Rotary Drum Thickeners		2	2 EA	\$	248,055.70	\$	496,111.40
4 Division 46 - Polymer Blending and Feed System		1	L EA	\$	61,486.62	\$	61,486.62
ONSTRUCTION BASE PRICE PROPOSAL TOTAL						\$	598,000.00
5 Taxes (non-permanent material)		NOTE: N	o taxes are i	nclude	ed in our bid	\$	-
	TOTAL BA	ASE PROF	POSAL PRIC	E		\$	598,000.00
ECTION 2 - ALTERNATES & VALUE ENGINEERING							
TEM DESCRIPTION		QTY	UNIT		UNIT COST		соѕт
1 Removal of Second Rotary Drum Thickener			L LS	\$	-	\$	-
2			L LS	\$	-	\$	-
3			l LS	\$	-	\$	-
		-	l LS	\$		\$	-
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ECTION 3 - SCHEDULE			_	Ş	-	Ļ	
ECTION 3 - SCHEDULE lentify the duration of the following schedule activities:		Duration	Wks/Days		-	Ŷ	_
ECTION 3 - SCHEDULE Ientify the duration of the following schedule activities: Rotary Drum Thickeners Submittal Development (from date of PO Ex	ecution):	Duration 8-12 wee	<b>Wks/Days</b> <u>k</u> s from fully	execu			
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### Request For Proposal Bid Form - Suppliers

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

se list all Assumptions & Clarifications below (Add additional line items as necessary)		
1 See attached list of clarifications and exception	ns	
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ION 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 Succe	ssful
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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 Attach Company Name: Contact Name and TitleJoh Contact Phone Number: Signature John Mumber: Bid Evaluation Criteria: Description	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205	ion
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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 Attach Company Name: Contact Name and Title Joh Contact Phone Number: Signature Bid Evaluation Criteria: Description	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Jlin. Ken Medlin, Director of Water 281-253-1353	ion
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 Attach         Company Name:         Contact Name and Title         Joh         Contact Phone Number:         Signature         Etid Evaluation Criteria:         Description         Cost Proposal         Complete Bid Package Cost	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Juin. Ken Medlin, Director of Water 281-253-1353 Weighting Value	ion
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 Attach         Company Name:         Contact Name and Title         Job         Contact Name and Title         Job         Contact Name and Title         Job         Contact Phone Number:         Signature         Job         Cost Proposal         Complete Bid Package Cost         (Lowest Price/Evaluated Proposal Price) × Points Available = Score	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Ken Medlin, Director of Water 281-253-1353 <b>Weighting Value</b> 70 Points	ion
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 Attach         Company Name:         Contact Name and Title         Joh         Contact Phone Number:         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	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Juin. Ken Medlin, Director of Water 281-253-1353 Weighting Value	ion
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 Attach         Company Name:         Contact Name and Title         Job         Contact Name and Title         Job         Contact Name and Title         Job         Contact Phone Number:         Signature         Job         Cost Proposal         Complete Bid Package Cost         (Lowest Price/Evaluated Proposal Price) × Points Available = Score	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Ken Medlin, Director of Water 281-253-1353 <b>Weighting Value</b> 70 Points	ion
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 Attach         Company Name:         Contact Name and Title         Joh         Contact Phone Number:         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	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Ken Medlin, Director of Water 281-253-1353 <b>Weighting Value</b> 70 Points	ion
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 Attach         Company Name:         Contact Name and Title         Job         Contact Name and Title         Job         Contact Name and Title         Job         Contact Phone Number:         Signature         Job         Cost Proposal         Complete Bid Package Cost         (Lowest Price/Evaluated Proposal Price) × Points Available = Score         Technical Proposal         Experience and Qualifications         (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)         Compliance with Proposal Terms and Conditions         Conformance with Bid Package Requirements	Award. ached Request for Modifications/Sample Subcont Alfa Laval, Inc. hn Moccero, Capital Sales Manager - Western Reg 832-683-7205 Ken Medlin, Director of Water 281-253-1353 <b>Weighting Value</b> 70 Points	ion
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 Attach         Company Name:         Contact Name and Title         Joint         Contact Name and Title         Joint         Contact Phone Number:         Signature         Joint         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 Subcontrator/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	Award. Award. Acheed Request for Modifications/Sample Subcont Alfa Laval, Inc. An Moccero, Capital Sales Manager - Western Reg 832-683-7205 Culture Ken Medlin, Director of Water 281-253-1353 Weighting Value 70 Points 15 Points	ion
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 Attach         Company Name:         Contact Name and Title         Job         Contact Name and Title         Job         Contact Name and Title         Job         Contact Phone Number:         Signature         Job         Cost Proposal         Complete Bid Package Cost         (Lowest Price/Evaluated Proposal Price) × Points Available = Score         Technical Proposal         Experience and Qualifications         (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)         Compliance with Proposal Terms and Conditions         Conformance with Bid Package Requirements	Award. Award. Acheed Request for Modifications/Sample Subcont Alfa Laval, Inc. An Moccero, Capital Sales Manager - Western Reg 832-683-7205 Culture Ken Medlin, Director of Water 281-253-1353 Weighting Value 70 Points 15 Points	ion
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 Attach         Company Name:         Contact Name and Title         Joint         Contact Name and Title         Joint         Contact Phone Number:         Signature         Joint         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 Subcontrator/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	Award. Award. Acheed Request for Modifications/Sample Subcont Alfa Laval, Inc. An Moccero, Capital Sales Manager - Western Reg 832-683-7205 Culture Ken Medlin, Director of Water 281-253-1353 Weighting Value 70 Points 15 Points	ion

# BDP INDUSTRIES



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

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:

IOTAL BASE PROPOSAL PRICE:	ords: Six	hundred seve	nty s	six thousand, fiv	/e hu	indred dollars
In Figur				676,500.00		
ECTION 1 - DIRECT COST						
TEM DESCRIPTION	QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - General Conditions		1 <b>LS</b>	\$	-	\$	-
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)		1 <b>LS</b>	\$	15,500.00	\$	15,500.0
3 Division 46 - Rotary Drum Thickeners		2 <b>EA</b>	\$	305,500.00	\$	611,000.0
4 Division 46 - Polymer Blending and Feed System		1 <b>EA</b>	\$	50,000.00	\$	50,000.0
CONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$	676,500.0
5 Taxes (non-permanent material)					\$	-
ΤΟΤΑΙ	L BASE PRO	POSAL PRICE			\$	676,500.0
ECTION 2 - ALTERNATES & VALUE ENGINEERING						
TEM DESCRIPTION	QTY	-		UNIT COST		COST
1 Removal of Second Rotary Drum Thickener		1 LS	\$	296,500.00		296,500.0
2		1 LS	\$	-	\$	-
3		1 LS	\$	-	\$	-
4		1 LS	\$	-	\$	-
ECTION 3 - SCHEDULE						
den tife she dunation of the following achedula estimistor.						
dentify the duration of the following schedule activities:		on Wks/Days	5			
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	8-10					
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	45 - 50					
Polymer Blending and Feed System Submittal Development (from date of PO Execution)	): 8-10					
Delawar Diandian and Fard Castory Fabrication (). Delivery (from According to Cabry Harley						
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submittals)	): 24-30					
ECTION 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						



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### **Request For Proposal Bid Form - Suppliers**

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

cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial	below: Initial	Date
Bid Clarification No. 1	NA	NA
Bid Clarification No. 2	AJS	11/12/2024
Bid Clarification No. 3	~15	11/12/2024
Bid Clarification No. 4		
Bid Clarification No. 5		
Bid Clarification No. 6		
ECTION 5 - ASSUMPTIONS AND CLARIFICATIONS		
ease list all Assumptions & Clarifications below (Add additional line items	as necessary)	
1 BDP recommends revising the capture rate to 95%;	3DP can confirm with bench testi	ng if representative sludge is available.
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
ECTION 6 - ADDITIONAL TERMS AND PROVISIONS		
This Proposal shall be valid for a period of not less than ninety (90) days from the B The CMAR reserves the right to reject any and all Bids, to waive any and all informa Successful Bidder and the right to disregard all nonconforming, nonresponsive, unb believes that it would not be in the best interest of the Project to make an award to financial ability or fails to meet any other pertinent standard or criteria established Bids comply with the prescribed requirements, and such alternates, unit prices and	lities not involving price, time, or chang alanced, or conditional Bids. Also, the C o that Bidder, whether because the Bid i by the CMAR. In evaluating Bids, the CM	MAR reserves the right to reject the Bid of any Bidder if the CMAR s not responsive, or the Bidder is unqualified or of doubtful MAR will consider the qualifications of the Bidders, whether the
···· p ···· p ··· · p ··· · · · · · · ·		
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.
C	ontact Name and Title	A.J. Schmidt - President
Cc	ontact Phone Number:	518-695-6851
	Signature	A.J. Schmidt - President
		A 1_ Schmidt
Bid Evaluation Criteria:		A Crumuan
Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
(Lowest Price/Evaluated Proposal Price) × Points Available = Score Technical Proposal		
		15 Points
Technical Proposal	d Schedule)	15 Points

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p	lw
wa	terworks

### Request For Proposal Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP)

Expansion Project - CMAR

<b>Compliance with Proposal Terms and Conditions</b> 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

## EWP1-01.18 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## <u>Work Package Recommendation</u> 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 abovementioned 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 B				. Sec. 44 42 56.1	•	-j			
Bid Tabulation			NETZS					-				
			GLOBAL									
	BUD	GETED	BIDDE	R 1	BIDE	DER 2	BIDD	ER 3	BI	DDER 4	BID	DER 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	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		\$0.0
				\$-		\$-		\$-		\$-		\$-
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	We	eight	NETZSCH	0	0	0	0					
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points												
Available = Score	7	0%	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!
			ACCEPTANCE		
Data of Basammandation:	12/06/24		France & Nichola		

Date of Recommendation:	12/06/24
Recommended Vendor	NETZSCH
Contract Value:	\$22,117.00
Recommended By:	Triston Young, PLW Waterworks

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

#DIV/0!

# Netzsch Pumps



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:

IUTAL BASE PI	ROPOSAL PRICE:	In Morda	Twonts	wo thousa	nd or	o hundord cour	onte	on and zero conte
		In words: In Figures: \$		wo thousai		e nundera seve \$22,117.00	ente	en and zero cents
		in Figures: \$				\$22,117.00		
SECTION 1 - DIRECT CO	ST							
ITEM	DESCRIPTION		QTY	UNIT		UNIT COST		TOTAL COST
1 Division 1 - Gene	ral Conditions		1	LS	\$	1,315.00	\$	1,315.00
2 Division 1 - Startu	ip & Commissioning, Testing, Training (Manufacturer's Servic	es)	1	LS	\$	4,000.00	\$	4,000.00
3 Division 44 - Prog	ressing Cavity Pumps		1	EA	\$	16,802.00	\$	16,802.00
CONSTRUCTION BASE PE	RICE PROPOSAL TOTAL						\$	22,117.00
4 Taxes (non-perm	anent material)						\$	-
		TOTAL BAS	SE PROPO	SAL PRICE			\$	22,117.00
SECTION 2 - ALTERNAT	ES & VALUE ENGINEERING							
ITEM	DESCRIPTION		QTY	UNIT		UNIT COST	T	COST
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				
-	y Pumps Submittal Development (from date of PO Execution)	:	Duration	WKS/ Duys	,			
	y Pumps Fabrication & Delivery (from Approval of Submittals			-				
SECTION 4 - ADDENDA		,-						
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 N	lo. 1							
Bid Clarification N	lo. 2							
Bid Clarification N	lo. 3							
Bid Clarification N	lo. 4							
Bid Clarification N	lo. 5							
Bid Clarification N								



SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	
1 attached	
2	
3	
4	
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8	
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10	
11	
12	
13	
14	
15	
SECTION 6 - ADDITIONAL TERMS AND PROVISIONS	
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes i Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves 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 respon or fails to meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to <b>PLW TERMS &amp; CONDITIONS:</b> 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: Contact Name and Title Contact Phone Number:	the right to reject the Bid of any Bidder if the CMAR believes sive, or the Bidder is unqualified or of doubtful financial ability ie qualifications of the Bidders, whether the Bids comply with the Notice of Award.
Signature	Stewart Shaffer
0. <u>8</u>	citorial citalio.
Bid Evaluation Criteria: Description	Weighting Value
Cost Proposal	weighting value
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Proposal	
Experience and Qualifications	15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)	
Convertise on a visite December of Constitutions	
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements	15 Points
(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

## EWP1-01.19 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## 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 abovementioned 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

				-	PLVV OPCC EStin	. ,				
Bid Tabulation			ATLAS C	OPCO	AERZEI	N USA	GARDNER DENVER			
			EI2		HART	WELL	PINNACLE INDUSTRIES			
	BUDG	GETED	BIDDE	R 1	BIDD	ER 2	BIDDER 3	BIDDER 4		BIDDER 5
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Total Cost Price	Unit 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	, ,			\$ -	\$	-	\$ -
Division 43 - Rotary Lobe Positive Displacement Blowers	2	EA	35,100.00	\$ 70,200.00	\$ 73,037.00	\$ 146,074.00	\$ 92,500.00 \$ 185,000.0	- \$	-	\$-
Taxes (non-permanent material)				\$-		\$-	\$ -	\$	-	\$-
Total: Base Bid				\$ 79,200.00		\$ 156,374.00	\$ 185,000.0	0 \$	-	\$-
Normalization				\$-		\$-	\$ -	\$	-	\$-
				\$-		\$-	\$ -	\$	-	\$-
Total: Base Bid + Normalization				\$ 79,200.00		\$ 156,374.00	\$ 185,000.0	0	\$0.00	\$0.00
Two (2) Starter Panel NEMA 4X 316 Stainless Enclosure	1	LS		\$-		\$-	\$ 50,000.00 \$ 50,000.0	0 \$	-	\$ -
				\$-		\$-	\$ -	\$	-	\$ -
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		Ν		N	Y			

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	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	Muli Kunh 12/20/24
Murali Erat City of Tomball	
David Esquivel	

# Atlas-Copco



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

In Words: Seventy-nine thousand two-hundred

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 Figu						
ECTION 1 - DIRECT (	COST						
TEM	DESCRIPTION	QTY	UNIT	ļ	UNIT COST		TOTAL COST
1 Division 1 - Ger	neral Conditions	1	LS	\$	-	\$	-
2 Division 1 - Sta	rtup & Commissioning, Testing, Training (Manufacturer's Services)	1	LS	\$	9,000.00	\$	9,000.0
3 Division 43 - Ro	otary Lobe Positive Displacement Blowers	2	EA	\$	35,100.00	\$	70,200.0
CONSTRUCTION BASE	PRICE PROPOSAL TOTAL					\$	79,200.0
4 Taxes (non-per	manent material)					\$	-
	70	TAL BASE PROI	POSAL PRICE			\$	79,200.0
ECTION 2 - ALTERNA	ATES & VALUE ENGINEERING						
ITEM	DESCRIPTION	QTY	UNIT	I	UNIT COST		соят
1			LS	\$	-	\$	-
2			LS	\$	-	\$	-
3		1	LS	, \$	-	, \$	-
4			LS	Ś	-	Ś	-
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### Request For Proposal Bid Form - Suppliers

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

Waterworks Expansion Project - CMAR	
SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS	
<ul> <li>Please list all Assumptions &amp; Clarifications below (Add additional line items as necessary)</li> <li>1 Installation, piping, elbows, spool pieces, piping hardware, piping gaskets, anchor bolts, housekeeping p</li> <li>2 Blowers require proper electrical protection.</li> </ul>	
<ul> <li>3 2.02.A – Manufacturer does not provide or recommend washable filters. Improper maintenance can receive 4 2.02.B – Proposed blower includes integral inlet filter/silencer. No external silencer will be provided.</li> <li>5 2.04.C – Blowers are indicated in this specification and shown in the drawings installed outdoors. No flater states are indicated in this specification and shown in the drawings installed outdoors.</li> </ul>	
6 2.04.D – In lieu of gauges, these parameters are monitored and displayed in the integral local controller	r.
7	
8 9	
10 11	
12	
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 Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves 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 meet any other pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualific requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Av	the right to reject the Bid of any Bidder if the CMAR believes that it or the Bidder is unqualified or of doubtful financial ability or fails to rations of the Bidders, whether the Bids comply with the prescribed
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:	Atlas Copco Compressors LLC
Contact Name and Title	Gatlin Gold
Contact Phone Number:	(281)-776-4941
Signature Gatll	m Gdd
	0
Bid Evaluation Criteria:	
Description Cost Proposal	Weighting Value
Complete Bid Package Cost	70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	
Technical Proposal	
Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)	15 Points
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

# Arzen USA



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:

ls: one hund	lred fifty-six	thousa	and three hundr	red se	eventy-four dollar
\$					
			,		
QTY	UNIT	l	JNIT COST		TOTAL COST
1	LS	\$	-	\$	-
1	LS	\$	10,300.00	\$	10,300.0
2	EA	\$	73,037.00	\$	146,074.0
				\$	156,374.0
				\$	-
BASE PROPO	SAL PRICE			\$	156,374.0
QTY	UNIT		JNIT COST		соѕт
1	LS		-	\$	-
1	LS		-		-
		\$	-		-
1	LS	\$	-	\$	-
4 - 6 weel		i			
_		_		_	
Initial	Date				
Initial LPD	Date 31-Oct				
LPD	31-Oct				
LPD LPD	31-Oct 12-Nov				
LPD LPD	31-Oct 12-Nov				
LPD LPD	31-Oct 12-Nov				
LPD LPD	31-Oct 12-Nov				
LPD LPD LPD	31-Oct 12-Nov 18-Nov				
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Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR

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.

#### 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	Rach	

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

# Gardner Denver



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

PACKAGE NO.:	EWP1-01.19
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:

TOTAL BASE PROPOSAL PRICE:								
	In Words:		Blower	r \$185,000; Starter \$50,000				
	In Figures: \$		Blower	\$185,	,000; Starter \$5	0,00	0	
SECTION 1 - DIRECT COST								
ITEM DESCRIPTION		QTY	UNIT		UNIT COST		TOTAL COST	
1 Division 1 - General Conditions			LS	\$	-	\$	-	
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Service	es)	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)						\$	-	
	TOTALB	ASE PRO	POSAL 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	\$	-	\$	-	
		1	LS	\$	-	\$	-	
4 SECTION 3 - SCHEDULE							-	
SECTION 3 - SCHEDULE Identify the duration of the following schedule activities: Rotary Lobe Positive Displacement Blowers Submittal Development (from date Execution):	e of PO	Duration	Wks/Days					
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SECTION 3 - SCHEDULE Identify the duration of the following schedule activities: Rotary Lobe Positive Displacement Blowers Submittal Development (from date Execution): Rotary Lobe Positive Displacement Blowers Fabrication & Delivery (from Appro Submittals): 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 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3	e of PO oval of - J J J J J J J J J J J J J J J	23 20 nitial Z Z Z	Date 11/8/2024 11/12/2024 Date 11/12/2024	1 1 1				



SECTIO	N 5 - ASSUMPTIONS AND CLARIFICATIONS	
	st 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		
3		
4		
5		
6		
7		
8		
9		
10		
11 12		
12		
14		
15		
SECTIO	16 - ADDITIONAL TERMS AND PROVISIONS	
T A I	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 and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserve be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or pertinent standard or criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of uch alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.	is the right to reject the Bid of any Bidder if the CMAR believes that it would not the Bidder is unqualified or of doubtful financial ability or fails to meet any other
	PLW TERMS & CONDITIONS:	
	Agreed to PLW Terms and Conditions (yes or no): NO- Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	lo
	Company Name	Pinnacle Industries LLC
	Company Name: _ Contact Name and Title	
	Contact Value and Title Contact Phone Number:	713-805-1153
	Signature	James Zieutek
		· ·

	Weighting Value
	70 Points
	15 Points
	15 Points
TOTAL	100 Points
	TOTAL

## EWP1-01.20 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





## 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 abovementioned 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

			BIO	Package EWP1	$_01.20 - CENTRI$	FUGE   Spec. Sec. 4	0/033						
Bid Tabulation			ANDRITZ SEP	ARATION	ALFA	A LAVAL							
			HARTW	/ELL	ENVIRONMENT	AL IMPROVEMENTS							
	BUDGE	TED	BIDDE	R 1	BIC	DDER 2	BID	DER 3	BIC	DDER 4	BI	DDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Co	st
Division 1 - General Conditions	1	LS		\$ -		\$ -		\$ -		\$-		\$	-
Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's													
Services)	1	LS	20,131.00					\$-		\$ -		\$	-
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									
		<u> </u>	++	N 0%		N 0%							
% MWBE Participation Qualification Forms Submitted		<u>%</u> Y/N		<u> </u>		0% V							
Acknowledge Receipt of Addenda		Y/N Y/N	++	Y Y		Y Y						+	
Acknowledge Receipt of Bid Clarifications		Y/N Y/N		Y		r V							
		Y/N		Y		Ŷ							
Ranking Tabulation			1	2	3	4	5	1					
Bid Item	Weigh	nt	ANDRITZ SEPARATION	ALFA LAVAL	0	0	0						
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points								1					
Available = Score	70%		70.00	56.76	#DIV/0!	#DIV/0!	#DIV/0!	1					
Experience and Qualifications	15%		15.00	12.00									
								1					

Date of Recommendation:	12/06/24
Recommended Vendor	ANDRITZ SEPARATION
Contract Value:	\$349,500.00
Recommended By:	Triston Young, PLW Waterworks

15%

100%

12.00

97.00

12.00

80.76

Compliance with Proposal Terms and Conditions (See list above)

**Total Points** 

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

#DIV/0!

#DIV/0!

#DIV/0!

# ANDRITZ SEPARATION

\$

s

349,500.00



PACKAGE NO.:	E NO.: EWP1-01.16						
PACKAGE DESCRIPTION:	Dewatering Centrifuge						
PROPOSER'S COMPANY NAME:	ANDRITZ SEPARATION TECHNOLOGIES INC.						

TOTAL BASE PROPOSAL PRICE

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:

SECT

	in Wa In Figure	-	A CARACTER AND A CARACTER ANTER AN					
SECTION 1 - DIRECT COS	T.	A PATTORNY	10.02			1183	Sec. 1	
ITEM	DESCRIPTION	QTY	UNIT		UNIT COST	т	OTAL COST	
1 Division 1 - Genera	al Conditions	1 ال		\$	ě.	\$	3	
2 Division 1 - Startur	p & Commissioning, Testing, Training (Manufacturer's Services)	1 <b>LS</b>		\$	20,131.00	\$	20,131.00	
3 Division 46 - Dewatering Centrifuge	itering Centrifuge	1 EA		\$	329,369.00	\$	329,369.00	
		_				\$		
CONSTRUCTION BASE PRI	ICE PROPOSAL TOTAL	and Miller		1.11	300 1101	\$	349,500.00	

5 Taxes (non-permanent material)

ION 2 -	ALTERNATES &	VALUE ENGINEERING	

ITEM	DESCRIPTION	QTY	UNIT	UNI	т соят	COST
1		1 LS		\$	÷ \$	9
2		1 LS		\$	⊚ \$	
3		1 LS		\$		
4		1 LS		\$	- \$	

### SECTION 3 - SCHEDULE

ntify the duration of the following schedule activities:	Duration Wks/Da	γs					
Rotary Drum Thickeners Submittal Development (from date of PO Execution):	4 to 6 weeks	4 to 6 weeks					
Rotary Drum Thickeners Fabrication & Delivery (from Approval of Submittals):	26 to 32 weeks after	26 to 32 weeks after receipt of approved submittals					
Polymer Blending and Feed System Submittal Development (from date of PO Execution	Slending and Feed System Submittal Development (from date of PO Execution): 4 to 6 weeks						
Polymer Blending and Feed System Fabrication & Delivery (from Approval of Submitte	als): 26 to 32 weeks afte	26 to 32 weeks after receipt of approved submittals					
ECTION 4 - ADDENDA & BID CLARIFICATIONS							
cknowledge Receipt of Addenda by Adding Date Issued and Initial below:	initial Date						
cknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1	initial Date	10/22/2024					
		10/22/2024 11/6/2024					
Addendum No. 1	SRW						
Addendum No. 1 Addendum No. 2	SRW SRW	11/6/2024					
Addendum No. 2 Addendum No. 3	SRW SRW	11/6/2024					



### Request For Proposal Bid Form - Suppliers 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 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)	
1	and the second
2	가슴 옷 이 일 것 같이 많았습니 않는 것이 다.
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9	302월 27일, 이미 20일 20일 - 11일을 위도 (U) 11일
10	
11	
12	
13	
14	
15	
SECTION 6 - ADDITIONAL TERMS AND PROVISIONS	
disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financia evaluating Bids, the CMAR will consider the qualifications of the Bidders, whether the Bids comply with the prescribed requir prior to the Notice of Award. PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): I NO Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	I ability or fails to meet any other pertinent standard or criteria established by the CMAR. In
	1
Company Name:	ANDRITZ SEPARATION TECHNOLOGIES INC.
Contact Name and Title	Steve Walden Regional Sales Manager
Contact Phone Number:	817-419-1768
Signature	
Bid Evaluation Criteria:	
Description	Weighting Value
Cost Proposal	
Complete Bid Package Cost	70 P-1-1-
(Lowest Price/Evaluated Proposal Price) x Points Available = Score	70 Points
	70 Points
Technical Proposal	70 Points
Technical Proposal Experience and Qualifications	70 Points 15 Points
Experience and Qualifications	
Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) Compliance with Proposal Terms and Conditions	15 Points
Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements	
Experience and Qualifications (Provide Subcontrator/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	15 Points
Experience and Qualifications (Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule) Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements	15 Points
Experience and Qualifications (Provide Subcontrator/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	15 Points





### Request For Proposal Bid Form - Suppliers

Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project - CMAR 11/18/2024

PACKAGE NO.:	EWP1-01.20
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.

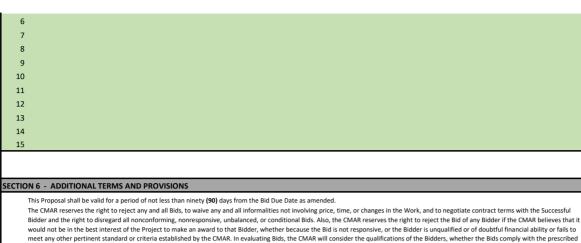
ΤΟΤΑΙ	BASE	PROP	OSAL	PRICE:
IVIAL	DROL		OORL	THUCE.

In Words:	Four Hundred and Thirty-one Thousand Dollars
In Figures: \$	431,000.00

ECTION 1 - DIRECT COST TEM 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
ONSTRUCTION BASE PRICE PROPOSAL TOTAL					\$	431,000.00
4 Taxes (non-permanent material)	NOTE: N	lo taxes are in	clude	d in our bid	\$	-
	TOTAL BASE PRO	POSAL PRICE			\$	431,000.00
ECTION 2 - ALTERNATES & VALUE ENGINEERING						
TEM DESCRIPTION	QTY	UNIT		UNIT COST		COST
1		1 LS	\$	-	\$	-
2		1 LS	\$	-	\$	-
3		1 LS	\$	-	\$	-
4		1 LS	\$	-	\$	-
ECTION 3 - SCHEDULE						
lentify the duration of the following schedule activities:	Duration	Wks/Days				
Dewatering Centrifuge Submittal Development (from date of PO Execution):	8-12 wee	eks from fully e	execu	ted PO		
Dewatering Centrifuge Fabrication & Delivery (from Approval of Submittals):	34-38 we	eeks from rece	ipt of	approved sub	mitta	Is and/or release
ECTION 4 - ADDENDA & BID CLARIFICATIONS						·
cknowledge Receipt of Addenda by Adding Date Issued and Initial below:	Initial	Date				
Addendum No. 1	BD	10/22/2024	Ļ			
Addendum No. 2	BD	11/6/2024	ļ.			
Addendum No. 2 Addendum No. 3	BD BD	11/6/2024 11/12/2024				
		11/6/2024 11/12/2024				
Addendum No. 3						
Addendum No. 3 Addendum No. 4						
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6	BD	11/12/2024				
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6 cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:						
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6	BD Initial	11/12/2024 Date	1			
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6 <b>cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:</b> Bid Clarification No. 1 Bid Clarification No. 2	BD	11/12/2024	1			
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6 <b>cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:</b> Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3	BD Initial	11/12/2024 Date	1			
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6 <b>cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:</b> Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3 Bid Clarification No. 4	BD Initial	11/12/2024 Date	1			
Addendum No. 3 Addendum No. 4 Addendum No. 5 Addendum No. 6 <b>cknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:</b> Bid Clarification No. 1 Bid Clarification No. 2 Bid Clarification No. 3	BD Initial	11/12/2024 Date	1			



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



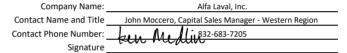
requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

**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



Ken Medlin, Director of Water 281-253-1353

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

## EWP1-01.22 Package

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder Bid Form



Construction Manager at Risk for the City of Tomball Tomball South Wastewater Treatment Plant Expansion Project





# 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 abovementioned 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 F	Package EWP1_(	01.22 - SLIDE GA	TES   Spec. Sec. 4	0 05 50					
Bid Tabulation			RW G	ATE	FONTAINE	-AQUANOX	GOLDEN HA	RVEST	WHIPPS, INC			
					<b>ENVIRONMENTA</b>	L IMPROVEMENTS	MUNICIPAL	VALVE				
	BUD	GETED	BIDDE	R 1	BIDI	DER 2	BIDDER	3	BIDDER 4		BIDD	DER 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		\$-		\$ - ¢	\$ 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	5 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	5 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	5 78,054.00		\$ -
Division 40 - Portable Electric Operator	2	EA		\$ -	\$ 4,697.00	\$ 9,394.00	\$	-	5	- S		\$ -
Division 40 - Freight Charges	1	EA		\$-	\$ 6,941.00	\$ 6,941.00	\$	-	Ş	- 5		\$ -
Taxes (non-permanent material)				\$ -	· ·	\$ -	\$	-	Ş	- 5		\$ -
Total: Base Bid				\$ 218,799.00		\$ 220,199.99	\$	240,000.00	ć	298,500.00		\$ -
Normalization	1	1 LS		\$ -		\$ -	\$	-		0		<u>\$</u> -
				\$ -		\$ -	\$		Ś	-		\$ -
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	2 EA		\$ -	11,245.00	\$ 22,490.00	\$		9	-		\$-
				\$ -	,	\$ -	Ś		9	5 -		\$ -
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	Muli Kunh 12/20/24
City of Tomball	
David Esquivel	

# **RW GATE**



PACKAGE NO.:	EWP1-01.22
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:

IVIAL DAJE FROFOJAL FRIGE.	In Words: wo	Hundre	d EighteenTho	usar	nd Seven Hund	red I	Ninenty Nine Dolla
	In Figures: \$				218,799		
SECTION 1 - DIRECT COST							
ITEM DESCRIPTION		QTY	UNIT		UNIT COST	r .	TOTAL COST
1 Division 1 - General Conditions			LS	\$	-	\$	-
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)			LS	\$	1,500.00		1,500.00
3 Division 40 - Fabricated Gates 12" x 12"			EA	\$	7,540.00		7,540.00
4 Division 40 - Fabricated Gates 24" x 18"			EA	\$	8,122.00		8,122.00
5 Division 40 - Fabricated Gates 24" x 24"			EA	\$	8,033.25		32,133.00
6 Division 40 - Fabricated Gates 26" x 26"			EA	\$	8,127.66		24,383.00
7 Division 40 - Fabricated Gates 36" x 36"			EA	\$	10,570.66		31,712.00
8 Division 40 - Fabricated Gates 42" x 42"			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)	70741.040					\$	-
	TUTAL BAS	EPROF	POSAL PRICE			\$	218,799.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING							
ITEM DESCRIPTION		QTY	UNIT		UNIT COST	r	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:	Du	ration	Wks/Days				
Slide Gates Submittal Development (from date of PO Execution):		5 weeks					
Slide Gates Fabrication & Delivery (from Approval of Submittals):		-18 wee	•				
SECTION 4 - ADDENDA & BID CLARIFICATIONS							
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		tial.	Data				
Addendum No. 1		tial	Date				
Addendum No. 2	D		10/22/2024				
Addendum No. 2 Addendum No. 3	D		11/6/2024				
	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:		41-1	Data				
Bid Clarification No. 1	Ini	tial	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 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 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 3 innel (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 finifhes flush w 4 innel (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 finifhes flush w 5 PLEASE READ PROVIDED QUOTATION DOCUMENT (#QT01024329 rev 1) FOR FURTHER INFORMATION 6

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

# FONTAINE-AQUANOX



### Request For Proposal Bid Form - Suppliers

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

PACKAGE NO.:	EWP1-01.22
PACKAGE DESCRIPTION:	SLIDE GATES
PROPOSER'S COMPANY NAME:	Fontaine-Aquianox, a division of ISE Metal

two hundred thirty-two thousand six hundred ten

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.

In Words:

### TOTAL BASE PROPOSAL PRICE:

	In Figures: \$			2	232,610.00		
						_	
ECTION 1 - DIRECT COST TEM DESCRIPTION	Q1	v	UNIT		JNIT COST	_	TOTAL COST
1 Division 1 - General Conditions		1		\$	-	\$	
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services) (1 visi	t 2 days on site)	1		\$	6 764.00		6 764.0
3 Division 40 - Fabricated Gates 12" x 12"	, 2 days on site)	1		\$	5 367.00		5 367.0
4 Division 40 - Fabricated Gates 24" x 18"		1		\$	5 727.00		5 727.0
5 Division 40 - Fabricated Gates 24" x 44"		4		\$	7 783.00		31 132.
6 Division 40 - Fabricated Gates 26" x 26"		3		\$	7 818.00		23 454.
7 Division 40 - Fabricated Gates 36" x 36"		3		\$	9 572.00		28 716.
8 Division 40 - Fabricated Gates 42" x 42"			EA	\$	12 086.33		36 259.
9 Division 40 - Fabricated Gates 72" x 36"		4		\$	19 714.00		78 856.
10 Division 40 - Portable Electric Operator		2		\$	4 697.00		9 394.
11 Division 40 - Freight Charges		1		.⊅ \$	6 941.00		6 941.
DNSTRUCTION BASE PRICE PROPOSAL TOTAL				ψ	0 741.00	\$	232 610.
						.⊅ \$	232 010.
12 Taxes (non-permanent material)	TOTAL BASE PR	າກຸດເ				\$ \$	232 610.
	TOTAL DAJE T K	105				Ψ	232 010.
ECTION 2 - ALTERNATES & VALUE ENGINEERING							
	QI		UNIT		JNIT COST	1	COST
1	נס	1	LS	\$	JNIT COST	\$	COST
	01		LS		JNIT COST - -	\$ \$	COST - -
1 2 3	۵۱	1   1   1	LS LS LS	\$ \$ \$	-	\$ \$	COST - - -
1 2	01	1   1	LS LS LS	\$ \$	-	\$	- -
1 2 3	01	1   1   1	LS LS LS	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4	01	1   1   1	LS LS LS	\$ \$ \$	- - -	\$ \$	COST
1 2 3	01	1   1   1	LS LS LS	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4		1   1   1   1	LS LS LS	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4 ECTION 3 - SCHEDULE		1   1   1	_S _S _S _S	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4 CTION 3 - SCHEDULE entify the duration of the following schedule activities:	Dura	1   1   1   1   1	_S _S _S _S Wks/Days	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4 ECTION 3 - SCHEDULE Entify the duration of the following schedule activities: Slide Gates Submittal Development (from date of PO Execution): Slide Gates Fabrication & Delivery (from Approval of Submittals):	<b>Dura</b> <u>3-4 w</u>	1   1   1   1   1	_S _S _S _S Wks/Days	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4 ECTION 3 - SCHEDULE Entify the duration of the following schedule activities: Slide Gates Submittal Development (from date of PO Execution):	<b>Dura</b> <u>3-4 w</u>	1   1   1   1   1	_S _S _S _S Wks/Days	\$ \$ \$	- - -	\$ \$	- -
1 2 3 4 ECTION 3 - SCHEDULE Entify the duration of the following schedule activities: Slide Gates Submittal Development (from date of PO Execution): Slide Gates Fabrication & Delivery (from Approval of Submittals):	<b>Dura</b> <u>3-4 w</u>	1 1 1 tion weeks week	_S _S _S _S Wks/Days	\$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Fabrication & Delivery (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS	Dura <u>3-4 w</u> 12-14 Initia	1   1   1   1   1   1   1   1	_S _S _S Wks/Days _S _S	\$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Fabrication & Delivery (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Exnowledge Receipt of Addenda by Adding Date Issued and Initial below:	<b>Dura</b> <u>3-4 w</u> <u>12-14</u>	1   1   1   1   1   1   1   1   1   1	_S _S _S _S <b>Wks/Days</b> _S	\$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Exhowledge Receipt of Addenda by Adding Date Issued and Initial below:         Addendum No. 1	Dura <u>3-4 w</u> 12-12 Initia ES	1 1 1 1 eeks week	_S _S _S _S _S _S _S _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Ecknowledge Receipt of Addenda by Adding Date Issued and Initial below:         Addendum No. 1       Addendum No. 2	Dura 3-4 w 12-12 Initia ES ES	1 1 1 1 eeks week	_S _S _S _S _Wks/Days _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Sknowledge Receipt of Addenda by Adding Date Issued and Initial below:         Addendum No. 1       Addendum No. 2         Addendum No. 3       3	Dura 3-4 w 12-12 Initia ES ES	1 1 1 1 eeks week	_S _S _S _S _Wks/Days _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Eentify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Schowledge Receipt of Addenda by Adding Date Issued and Initial below:         Addendum No. 1       Addendum No. 2         Addendum No. 3       Addendum No. 4	Dura 3-4 w 12-12 Initia ES ES	1 1 1 1 eeks week	_S _S _S _S _Wks/Days _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Exhowledge 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	Dura 3-4 w 12-14 Initia ES ES ES	1   1   1   1   1   1   1   1   1   1	_S _S _S _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Fabrication & Delivery (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         EXnowledge 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         Exnowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	Dura 3-4 w 12-12 Initia ES ES	1   1   1   1   1   1   1   1   1   1	_S _S _S _S _Wks/Days _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -
1         2         3         4         ECTION 3 - SCHEDULE         Entify the duration of the following schedule activities:         Slide Gates Submittal Development (from date of PO Execution):         Slide Gates Submittal Development (from Approval of Submittals):         ECTION 4 - ADDENDA & BID CLARIFICATIONS         ECTION 4 - ADDENDA & BID CLARIFICATIONS         Exhowledge 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	Dura 3-4 w 12-14 Initia ES ES ES	1   1   1   1   1   1   1   1   1   1	_S _S _S _S _S 	\$ \$ \$ \$	- - -	\$ \$	- -



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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<sup>1</sup> 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, operator installed and long self contained gate frames (>10ft - 3m) assembled. This is part of gate installation and common to all manufacturers, per industry standards. Detaile instructions are available in our manuals available online.
<sup>2</sup> Fontaine-Aquanox guide member has a design in which water loads are transferred through the assembly bolts.
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 frame
<sup>4</sup> 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 bee specifically excluded from the list of equipment covered by AIS requirements.
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**Request For Proposal Bid Form - Suppliers** 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 ct Markup to this bid.



Fontaine-Aquianox, a division of ISE Metal

Company Name: Contact Name and Title

Contact Phone Number:

Enrique Scoccimarro, Inside Sales Rep

819-769-0157

Signature

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

# GOLDEN HARVEST



PACKAGE NO.:	EWP1-01.22	
PACKAGE DESCRIPTION:	SLIDE GATES	
PROPOSER'S COMPANY NAME:	Municipal Valve & Equipment	

Two Hundred Forty Thousand

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.

In Words:

#### TOTAL BASE PROPOSAL PRICE:

	In Figures: \$		240,000	usune	
ECTION 1 - DIRECT COST					
ITEM DESCRIPTION	<b>ΩΤΥ U</b>	NIT	UNIT COST		TOTAL COST
1 Division 1 - General Conditions	1 <b>LS</b>	\$	12,000.00	\$	12,000.0
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)	1 LS	\$	3,400.00	\$	3,400.0
3 Division 40 - Fabricated Gates 12" x 12"	1 <b>EA</b>	\$	6,800.00	\$	6,800.0
4 Division 40 - Fabricated Gates 24" x 18"	1 <b>EA</b>	\$	8,800.00	\$	8,800.0
5 Division 40 - Fabricated Gates 24" x 24"	4 EA	\$	9,600.00	\$	38,400.0
6 Division 40 - Fabricated Gates 26" x 26"	3 EA	\$		100 C	27,000.
7 Division 40 - Fabricated Gates 36" x 36"	3 EA	\$	13,200.00	\$	39,600.0
8 Division 40 - Fabricated Gates 42" x 42"	3 EA	\$		1.0	40,800.0
9 Division 40 - Fabricated Gates 72" x 36"	4 EA	\$	-	1.1	63,200.0
CONSTRUCTION BASE PRICE PROPOSAL TOTAL	and the second second second second		1.12193.5	\$	240,000.0
10 Taxes (non-permanent material)				\$	-
	TOTAL BASE PROPOSAL F	RICE		\$	240,000.0
SECTION 2 - ALTERNATES & VALUE ENGINEERING		and the second			
SECTION 2 - ALTERINATES & VALUE ENGINEERING					
ITEM DESCRIPTION		NIT	UNIT COST	<b>T</b> .	COST
1	1 LS	\$		\$	-
2	1 LS	\$		\$	-
3 4	1 LS 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):	6 wks				
Slide Gates Fabrication & Delivery (from Approval of Submittals):	22 wks				
SECTION 4 - ADDENDA & BID CLARIFICATIONS		2			
SECTION 4 - ADDENDA & BID CLARIFICATIONS	22 wks	e .5-Nov			
SECTION 4 - ADDENDA & BID CLARIFICATIONS Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:	22 wks Initial Date MW 1	.5-Nov			
SECTION 4 - ADDENDA & BID CLARIFICATIONS Acknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1	22 wks Initial Date MW 1 MW 1	.5-Nov .5-Nov			
SECTION 4 - ADDENDA & BID CLARIFICATIONS Acknowledge Receipt of Addenda by Adding Date Issued and Initial below: Addendum No. 1 Addendum No. 2	22 wks Initial Date MW 1 MW 1	.5-Nov			
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	22 wks Initial Date MW 1 MW 1	.5-Nov .5-Nov			
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	22 wks Initial Date MW 1 MW 1	.5-Nov .5-Nov			
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	22 wks Initial Date MW 1 MW 1 MW 1	.5-Nov .5-Nov .5-Nov			
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 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:	22 wks Initial Date MW 1 MW 1	.5-Nov .5-Nov .5-Nov			
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 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1	22 wks Initial Date MW 1 MW 1 MW 1	.5-Nov .5-Nov .5-Nov			
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 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1 Bid Clarification No. 2	22 wks Initial Date MW 1 MW 1 MW 1	.5-Nov .5-Nov .5-Nov			
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 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below: Bid Clarification No. 1	22 wks Initial Date MW 1 MW 1 MW 1	.5-Nov .5-Nov .5-Nov			

x



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

Bid Clarification No. 6

SECTION 5 - ASSUMPTIONS AND CLARIFICATIONS		
Please list all Assumptions & Clarifications below (Add additional line items as necessary)	No Pore	
1 Quote is valid for 30 days		
2 Stainless steel anchor bolts are included, epxoy 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 c	contractor.	
5		
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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 n right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CMAR reserves the right to reject the Bid of any Bic	negotiate contr	ract terms with the Successful Bidder and the
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 final	ncial 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 pr other data, as may be requested in the Bid Form or prior to the Notice of Award.	rescribed requi	rements, and such alternates, unit prices and
otiel data, as may be requested in the bid Form of prior to the Notice of Award.		
PLW TERMS & CONDITIONS:	1	
Agreed to PLW Terms and Conditions (yes or no): No If NO-Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	1	
Company Name:	Munie	cipal Valve & Equipment
Contact Name and Title		David McGoodwin
Contact Phone Number:		972-248-2600
Signature	un	· Jood
Bid Evaluation Criteria:		
Description		Weighting Value
Cost Proposal		
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		
Technical Proposal		
Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule)		
Convellence with Despect Towns and Constitutions		
Compliance with Proposal Terms and Conditions Conformance with Bid Package Requirements		15 Dointe
(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and		15 Points
submitted with the proposal.)		
	TOTAL	100 Points
	L	

# WHIPPS, INC



PACKAGE NO.:	EWP1-01.22	
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:	1	Two Huni	dred Ni	nty I	Eight Thousan	d Fiv	e Hundred
	In Figures: \$					298,500		
SECTION 1 - DIRECT COST	S. 18 12 19	2.5	10	.215"	1-3	The second		
ITEM DESCRIPTION		QTY	U	NIT	Ű	INIT COST	10	TOTAL COST
1 Division 1 - General Conditions			1 LS		\$	30	\$	30
2 Division 1 - Startup & Commissioning, Testing, Training (Manufacturer's Services)			1 <b>LS</b>		\$	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		N 7		1. 241		The state of	\$	298,500.00
10 Taxes (non-permanent material)							\$	
	TOTAL BAS	E PRO	POSAL P	RICE			\$	298,500.00
SECTION 2 - ALTERNATES & VALUE ENGINEERING			0.00		11.			- 105
ITEM DESCRIPTION		QTY	, 11	NIT		JNIT COST		COST
		QII	1 L\$		\$		\$	
			115		\$ \$	28 72	\$	181
2			1 LS		\$ \$		\$	
3 4			115		ş		ŝ	
			<u> </u>		<i>Y</i>		Ļ	
SECTION 3 - SCHEDULE	a The second		L.K.	59.02	10		2.	Constaller 1
					-			
Identify the duration of the following schedule activities:		Durati	on Wks,	/Days				
Slide Gates Submittal Development (from date of PO Execution):		5-7 We	eks					
Slide Gates Fabrication & Delivery (from Approval of Submittals):		24-28						
SECTION 4 - ADDENDA & BID CLARIFICATIONS		and the	201	See.	16		10	
Acknowledge Receipt of Addenda by Adding Date Issued and Initial below:		Initial	Date					
Addendum No. 1		GB			2			
Addendum No. 2		GB	114	8/24				
Addendum No. 3		GB	11/18	124				
Addendum No. 4		99	סיוןוו	1-1				
Addendum No. 5								
Addendum No. 6								
Addendum No. 6 Acknowledge Receipt of Bid Clarification by Adding Date Issued and Initial below:		Initial	Date		_		_	
Bid Clarification No. 1		andi	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)		
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		AND A REAL PROPERTY OF
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SECTION 6 - ADDITIONAL TERMS AND PROVISIONS	and the state of the second	A LE MARKET ALL MARKET
This Proposal shall be valid for a period of not less than ninety (90) days from the Bid Due Date as a	mended	
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involv right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, the CM Interest of the Project to make an award to that Bidder, whether because the Bid is not responsive criteria established by the CMAR. In evaluating Bids, the CMAR will consider the qualifications of th other data, as may be requested in the Bid Form or prior to the Notice of Award. PLW TERMS & CONDITIONS:	AR reserves the right to reject the Bid of any Bidder if th or the Bidder is unqualified or of doubtful financial abi	ne CMAR believes that it would not be in the best lity or fails to meet any other pertinent standard or
Agreed to PLW Terms and Conditions (yes or no):	yes	
If NO-Please attach a Request for Modifications/Sample Subcontract Markup to this bid.	yes	
	Company Name:	Whines Inc.
	Company Name:	Whipps Inc.
	Contact Name and Title Ga Contact Phone Number:	rrick Bassett Sales Estimator 978-249-7924
		210
	Signature	ASUN
Bid Evaluation Criteria:		
Description Cost Proposal	÷	Weighting Value
Complete Bid Package Cost		70 Points
(Lowest Price/Evaluated Proposal Price) x Points Available = Score		, o . o
Technical Proposal Experience and Qualifications		15 Points
(Provide Subcontrator/Supplier Information Form, Scope of Supply and Schedule		13 FORIES
······································		
Compliance with Proposal Terms and Conditions		
Conformance with Bid Package Requirements		15 Points

TOTAL

100 Points

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

# Exhibit A.3 Basis of Allowances





### Basis of GMP 1 Allowance Summary

Item	Туре	Source (Location/Package)	Company	Item Description	Cost
1.01	Equipment Finalization	EWP1-01.18	Netzsch	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 I	Expansion	
		Preconstruction Sche	dule	
Activity ID	Activity Name	Original Start	Finish	
		Duration		ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug S
Tomball So	with WW/TP Expansion Proconstruction LIVE	331d 21-Jan-25	13-May-26	
	outh WWTP Expansion - Preconstruction - LIVE			
GMP1 Propo	osal	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	n Phase-1	340d 23-Jan-25	13-May-26	
		340d 23-Jan-25	13-May-26	
Early Work Pac Purchasing	ckayes (EWP)	340d 23-Jan-25	13-May-26	
	_ Electrical Distribution Equipment Packages	3400 23-Jan-25 340d 23-Jan-25	13-May-26 13-May-26	
	_ Electrical Distribution Equipment Packages	340d 23-Jan-25 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	
A1780 A2440	EWP1_01.01_Switchboards—Submittal Preparation and Submission EWP1_01.01_Switchboards—Submittal Review and Approval	204 20-reb-25 20d 01-May-25	28-May-25	
			-	
A2450	EWP1_01.01_Switchboards—Fabrication and Delivery	250d 29-May-25	13-May-26	
	I_Distribution Panelboards	210d 23-Jan-25	12-Nov-25	
A8090	EWP1_01.01_Distribution PanelboardsExecute Purchase Order	20d 23-Jan-25	19-Feb-25	
A8100	EWP1_01.01_Distribution PanelboardsSubmittal Preparation and submission	20d 20-Feb-25	19-Mar-25	
A8110	EWP1_01.01_Distribution PanelboardsSubmittal Review and Approval	20d 20-Mar-25	16-Apr-25	
A8120	EWP1_01.01_Distribution PanelboardsFabrication and Delivery	150d 17-Apr-25	12-Nov-25	
EWP1_01.01	I_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	<b>3</b>
	1_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	17-50 17-50 15-May-25	-	
EWP1_01.01	_	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 EquipmentSubmittal 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	
	Fine Screens and Screening Washer Compactors	160d 23-Jan-25	03-Sep-25	
A7450	EWP1_01.05_Fine Screens and Screening Washer Compactors		19-Feb-25	
A7460	EWP1_01.05_Fine Screens and Screening Washer CompactorsSubmittal Prepara		19-Mar-25	
A7470	EWP1_01.05_Fine Screens and Screening Washer CompactorsSubmittal Review		16-Apr-25	
A7480	EWP1_01.05_Fine Screens and Screening Washer CompactorsFabrication and I	Delivery 100d 17-Apr-25	03-Sep-25	
	1			
	g Level of Effort Actual Work Critical Remaining Work	Page 1 of 3		Date         Revision         Checked         Approve           10-Dec-24         Preconstruction Schedule
Actual Lev	vel of Effort Remaining Work   Milestone			10-Dec-24     Preconstruction Schedule

Remaining Level of Effort	Actual Work	Critical Remaining Work	Page 1 of 3	Date
Actual Level of Effort	Remaining Work		Tage Toro	10-Dec-24
Actual Level of Ellon	Remaining work			

		Tomball - South WWTP E Preconstruction Sched	•	
y ID	Activity Name	Original Start	Finish	
		Duration		2025 2026
				ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul .
	Vortex Grit Removal System	270d 23-Jan-25	04-Feb-26	
A7490	EWP1_01.06_Vortex Grit Removal System-Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7500	EWP1_01.06_Vortex Grit Removal System-Submittal Preparation and submission	60d 20-Feb-25	14-May-25	
A7510	EWP1_01.06_Vortex Grit Removal System—Submittal Review and Approval	20d 15-May-25	11-Jun-25	
A7520	EWP1_01.06_Vortex Grit Removal SystemFabrication and Delivery	170d 12-Jun-25	04-Feb-26	
EWP1_01.07_F	Fine Bubble Disc Diffusers	130d 23-Jan-25	23-Jul-25	
A7530	EWP1_01.07_Fine Bubble Disc Diffusers-Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7540	EWP1_01.07_Fine Bubble Disc Diffusers—Submittal Preparation and submission	30d 20-Feb-25	02-Apr-25	
A7550	EWP1_01.07_Fine Bubble Disc Diffusers—Submittal Review and Approval	20d 03-Apr-25	30-Apr-25	
A7560	EWP1_01.07_Fine Bubble Disc Diffusers—Fabrication and Delivery	60d 01-May-25	23-Jul-25	
	Submersible Mixers	150d 23-Jan-25	20-Aug-25	
A7570	EWP1 01.08 Submersible Mixers—Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7570		30d 20-Feb-25		
	EWP1_01.08_Submersible Mixers—Submittal Preparation and submission		02-Apr-25	
A7590	EWP1_01.08_Submersible Mixers—Submittal Review and Approval	20d 03-Apr-25	30-Apr-25	
A7600	EWP1_01.08_Submersible Mixers—Fabrication and Delivery	80d 01-May-25	20-Aug-25	
EWP1_01.09_A	Aeration Basin Blowers	210d 23-Jan-25	12-Nov-25	
A7610	EWP1_01.09_Aeration Basin BlowersExecute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7620	EWP1_01.09_Aeration Basin BlowersSubmittal Preparation and submission	30d 20-Feb-25	02-Apr-25	
A7630	EWP1_01.09_Aeration Basin BlowersSubmittal Review and Approval	20d 03-Apr-25	30-Apr-25	
A7640	EWP1_01.09_Aeration Basin BlowersFabrication and Delivery	140d 01-May-25	12-Nov-25	
EWP1 01.10 F	Final Clarifiers Equipment	240d 23-Jan-25	24-Dec-25	
	Circular Clarifier Sludge Collector	240d 23-Jan-25	24-Dec-25	
A7650	EWP1_01.10_Circular Clarifier Sludge Collector—Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7660	EWP1_01.10_Circular Clarifier Sludge Collector—Submittal Preparation and subn		14-May-25	
A7670	EWP1_01.10_Circular Clarifier Sludge Collector—Submittal Review and Approval	20d 15-May-25	11-Jun-25	
A7680	EWP1_01.10_Circular Clarifier Sludge Collector—Fabrication and Delivery	140d 12-Jun-25	24-Dec-25	
	FRP Weirs and Scum Baffels	240d 23-Jan-25	24-Dec-25	
A8250	EWP1_01.10_FRP Weirs and Scum Baffels—Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A8260	EWP1_01.10_FRP Weirs and Scum Baffels—Submittal Preparation and submission	60d 20-Feb-25	14-May-25	
A8270	EWP1_01.10_FRP Weirs and Scum BaffelsSubmittal Review and Approval	20d 15-May-25	11-Jun-25	
A8280	EWP1_01.10_FRP Weirs and Scum Baffels—Fabrication and Delivery	140d 12-Jun-25	24-Dec-25	
EWP1_01.11_S	Scum Pumps	140d 23-Jan-25	06-Aug-25	
A7690	EWP1_01.11_Scum PumpsExecute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7700	EWP1_01.11_Scum PumpsSubmittal Preparation and submission	30d 20-Feb-25	02-Apr-25	
A7710	EWP1_01.11_Scum PumpsSubmittal Review and Approval	20d 03-Apr-25	30-Apr-25	
A7720	EWP1 01.11 Scum Pumps—Fabrication and Delivery	70d 01-May-25	06-Aug-25	
	RAS and WAS Pumps	105d 23-Jan-25	18-Jun-25	
A7730	EWP1_01.12_RAS and WAS Pumps—Execute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7740	EWP1_01.12_RAS and WAS Pumps—Submittal Preparation and submission	15d 20-Feb-25	12-Mar-25	
A7750	EWP1_01.12_RAS and WAS Pumps—Submittal Review and Approval	20d 13-Mar-25	09-Apr-25	
			-	
A7760	EWP1_01.12_RAS and WAS Pumps—Fabrication and Delivery	50d 10-Apr-25	18-Jun-25	
	Automatic Backwash Disk Filters	210d 23-Jan-25	12-Nov-25	
A7770	EWP1_01.14_Automatic Backwash Disk FiltersExecute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7780	EWP1_01.14_Automatic Backwash Disk FiltersSubmittal Preparation and subm		28-May-25	
A7790	EWP1_01.14_Automatic Backwash Disk FiltersSubmittal Review and Approval	20d 29-May-25	25-Jun-25	
A7800	EWP1_01.14_Automatic Backwash Disk FiltersFabrication and Delivery	100d 26-Jun-25	12-Nov-25	
EWP1_01.15_U	UV Systems	230d 23-Jan-25	10-Dec-25	
A7810	EWP1_01.15_UV SystemsExecute Purchase Order	20d 23-Jan-25	19-Feb-25	
A7820	EWP1_01.15_UV SystemsSubmittal Preparation and submission	60d 20-Feb-25	14-May-25	
A7830	EWP1_01.15_UV SystemsSubmittal Review and Approval	20d 15-May-25	11-Jun-25	

A7890 A7900 A7910 A7920	Activity Name         EWP1_01.15_UV Systems—Fabrication and Delivery         6_Rotatory Drum Thickeners         EWP1_01.16_Rotatory Drum Thickeners—Execute Purchase Order         EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         8_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	200d 20d 50d 20d 110d 190d 20d 30d 20d 120d	Start 12-Jun-25 23-Jan-25 20-Feb-25 01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25 03-Apr-25	Finish 10-Dec-25 29-Oct-25 19-Feb-25 30-Apr-25 28-May-25 29-Oct-25 15-Oct-25 19-Feb-25 29-0 4 25		b Mar		May	2025 Jun J	ul Aug	Sep C	Oct N	Nov De	c Jan	Feb	2026 Mar /	Apr May
EWP1_01.1 A7850 A7860 A7870 A7870 A7880 EWP1_01.1 A7900 A7900 A7910 A7920 EWP1_01.1 A7930 A7930 A7940 A7950 A7960	6       Rotatory Drum Thickeners         EWP1_01.16_Rotatory Drum Thickeners—Execute Purchase Order         EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         8_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	200d 20d 50d 20d 110d 190d 20d 30d 20d 120d	23-Jan-25 23-Jan-25 20-Feb-25 01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25	29-Oct-25           19-Feb-25           30-Apr-25           28-May-25           29-Oct-25           15-Oct-25           19-Feb-25		1 1		May	Jun J	ul Aug	Sep (			<u>c Jan</u>	Feb	Mar A	<u>vpr May</u>
EWP1_01.1 A7850 A7860 A7870 A7870 A7880 EWP1_01.1 A7900 A7900 A7910 A7920 EWP1_01.1 A7930 A7930 A7940 A7950 A7960	6       Rotatory Drum Thickeners         EWP1_01.16_Rotatory Drum Thickeners—Execute Purchase Order         EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         8_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	200d 20d 50d 20d 110d 190d 20d 30d 20d 120d	23-Jan-25 23-Jan-25 20-Feb-25 01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25	29-Oct-25           19-Feb-25           30-Apr-25           28-May-25           29-Oct-25           15-Oct-25           19-Feb-25		]											
A7850 A7860 A7870 A7880 EWP1_01.13 A7890 A7900 A7910 A7920 EWP1_01.11 A7930 A7940 A7950 A7960	EWP1_01.16_Rotatory Drum Thickeners—Execute Purchase Order         EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         8_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	20d 50d 20d 110d 190d 20d 30d 20d 120d	23-Jan-25 20-Feb-25 01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25	19-Feb-25           30-Apr-25           28-May-25           29-Oct-25           15-Oct-25           19-Feb-25		]											
A7860 A7870 A7880 EWP1_01.1 A7890 A7900 A7910 A7920 EWP1_01.1 A7930 A7940 A7950 A7960	EWP1_01.16_Rotatory Drum Thickeners—Submittal Preparation and submission         EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         8_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	50d           20d           110d           190d           20d           190d           20d           190d           20d           100d           100d           100d           100d           100d           100d           100d           100d           100d	20-Feb-25 01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25	30-Apr-25 28-May-25 29-Oct-25 15-Oct-25 19-Feb-25													
A7870 A7880 EWP1_01.1 A7890 A7900 A7910 A7920 EWP1_01.1 A7930 A7940 A7950 A7960	EWP1_01.16_Rotatory Drum Thickeners—Submittal Review and Approval         EWP1_01.16_Rotatory Drum Thickeners—Fabrication and Delivery         B_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         B_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	20d 110d 190d 20d 30d 20d 120d	01-May-25 29-May-25 23-Jan-25 23-Jan-25 20-Feb-25	28-May-25 29-Oct-25 15-Oct-25 19-Feb-25					8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		1 2 1 3 1 3 1 3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4			1 1 1 1		1	1
EWP1_01.13 A7890 A7900 A7910 A7920 EWP1_01.13 A7930 A7940 A7950 A7960	B_Digested Sludge Pumps         EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	190d           20d           30d           20d           120d	23-Jan-25 23-Jan-25 20-Feb-25	15-Oct-25 19-Feb-25		<del>-</del>		Ļ		· · ·			1	1			1
A7890 A7900 A7910 A7920 EWP1_01.11 A7930 A7940 A7950 A7960	EWP1_01.18_Digested Sludge Pumps—Execute Purchase Order         EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	20d 30d 20d 120d	23-Jan-25 20-Feb-25	19-Feb-25		<del>-</del>							1	1			1
A7900 A7910 A7920 EWP1_01.11 A7930 A7940 A7950 A7960	EWP1_01.18_Digested Sludge Pumps—Submittal Preparation and submission         EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	30d 20d 120d	20-Feb-25								· · · · · · · · · · · · · · · · · · ·						
A7910 A7920 EWP1_01.11 A7930 A7940 A7950 A7960	EWP1_01.18_Digested Sludge Pumps—Submittal Review and Approval         EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	20d 120d		00 0 05		]											
A7920 EWP1_01.11 A7930 A7940 A7950 A7960	EWP1_01.18_Digested Sludge Pumps—Fabrication and Delivery         9_Digester Blowers         EWP1_01.19_Digester Blowers—Execute Purchase Order	120d	03-Apr-25	02-Apr-25					1							1	
EWP1_01.13 A7930 A7940 A7950 A7960	9_Digester Blowers EWP1_01.19_Digester Blowers—Execute Purchase Order			30-Apr-25		5 5 5		:			* * * *	:	5 5 5	1		5 5 5	
A7930 A7940 A7950 A7960	EWP1_01.19_Digester Blowers—Execute Purchase Order	150d	01-May-25	15-Oct-25		<del>-</del>	¦			;;	· · · · · · · · · · · · · · · · · · ·	<b>_</b> ; ;				·	
A7940 A7950 A7960			23-Jan-25	20-Aug-25					:		1 1 1 1 1 1		: : :			: : :	
A7950 A7960	EWP1_01.19_Digester Blowers—Submittal Preparation and Submission		23-Jan-25	19-Feb-25							* * * * * *		8	1		: :	
A7960	EWP1_01.19_Digester Blowers—Submittal Review and Approval		20-Feb-25 03-Apr-25	02-Apr-25 30-Apr-25									1	1		1	1
	EWP1_01.19_Digester Blowers—Fabrication and Delivery		03-Apr-25 01-May-25	20-Aug-25	_	1			1				1	1		1	
U1.2			23-Jan-25	10-Dec-25										·		·	
A7970	EWP1_01.20_Centrifuge—Execute Purchase Order		23-Jan-25	19-Feb-25					1				1			1	1
A7980	EWP1_01.20_Centrifuge—Submittal Preparation and submission		20-Feb-25	02-Apr-25		1			5 5 5			-	1	1		1 1 1	
A7990	EWP1_01.20_Centrifuge—Submittal Review and Approval		03-Apr-25	30-Apr-25		: :		:	:		1 1 1 1 1 1	-	:			:	
A8000	EWP1_01.20_Centrifuge—Fabrication and Delivery		01-May-25	10-Dec-25		: :		;			• • • •	;				5 2 2	8
	2_Slide Gates and Weirs		23-Jan-25	03-Sep-25				· · · · · ·									
A8010	EWP1_01.22_Slide Gates and Weirs—Execute Purchase Order	20d	23-Jan-25	19-Feb-25		]			1				1	1		1	
A8020	EWP1_01.22_Slide Gates and WeirsSubmittal Preparation and submission	30d	20-Feb-25	02-Apr-25										1			
A8030	EWP1_01.22_Slide Gates and WeirsSubmittal Review and Approval	20d	03-Apr-25	30-Apr-25		1			1				1	1		1	
A8040	EWP1_01.22_Slide Gates and Weirs—Fabrication and Delivery	90d	01-May-25	03-Sep-25		1			1				I I			1	

# Section 3: Contract Documents





# Exhibit C.1 List of Plans







Drawing No.         Loss         Loss           Control         0         10/12/202         Event South	Current	Current Drawing Title	Rev	Drawing	Received	Set Name
6-1         CNR 8 MET         0         0.7/1/20.8         1.0/1/20.4         CNR 950LD FOR BD           6-2         NIDES MET I         0.1         0.1/1/20.4         10/1/20.4         LINT X0004         LINT X0004 <th>Drawing No.</th> <th></th> <th></th> <th>Date</th> <th>Date</th> <th></th>	Drawing No.			Date	Date	
9-3         NRPS SHET1         9         10/11/2024         10/11/2024         NRPS SNEETO RD ID           6-4         NCENT KM AD PROCET LOCATION NAP         0         10/11/2024         10/11/2024         10/11/2024         IV/11/2024	GENERAL		T	1		
6-3         NORE NEET II         2         19/27/2004         10/11/2004         ADDRENUM NO.1.           6-4         VICUNT MAP AND REPORT LOCATION MAP         0         30/11/2004         10/11/2004         DVI13/2004         DVII SUBJECT ROBID           6-5         STANDARD ABBERVANTIONS AND LESTING II         0         30/11/2004         10/11/2004         DVII SUBJECT ROBID           6-7         STANDARD ABBERVANTIONS AND LESTING II         0         30/11/2004         10/11/2004         DVII SUBJECT ROBID           6-8         STANDARD ABBERVANTIONS AND LESTING II         0         30/11/2004         10/11/2004         DVII SUBJECT ROBID           6-9         MIDORNAL PROCESS FLOW DAGRAM         0         30/11/2004         10/11/2004         DVII SUBJECT ROBID           6-9         MIDORNAL PROCESS FLOW DAGRAM         0         30/11/2004         10/11/2004         DVII SUBJECT ROBID           6-30         STRUCTURAL NOTES I         0         30/11/2004         DVII SUBJECT ROBID         ROBID           6-41         REPORAL PROCESS FLOW DAGRAM         0         30/11/2004         DVII SUBJECT ROBID         ROBID         ROBID           6-43         REPORAL DROTES ALARTAR         0         30/11/2004         DVII SUBJECT ROBID         ROBID         ROBID         ROBID	G-1	COVER SHEET	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
6.4         VICNITY MAP AND PROCCT OCCUMP MAP         0         10/17/024         DVM SULD PORIND           6.5         GEMPARA KOTS         0         10/17/024         DVM SULD PORIND           6.6         GEMPARA KOTS         0         10/17/024         DVM SULD PORIND           6.7         STANDARD ADDRESTANCING AND LEGENDI         0         10/17/024         DVM SULD PORIND           6.7         STANDARD ADDRESTANCING AND LEGENDI         0         10/17/024         DVM SULD PORIND           6.8         PROFECTOR DECESTANCE AND LEGENDI         0         10/17/024         DVM SULD PORIND           6.9         HOPOALUC PROFILE         0         10/17/024         DVM SULD PORIND           6.9         HOPOALUC PROFILE         0         10/17/024         DVM SULD PORIND           6.9         STELICTURAL NOTES I         0         10/17/024         DVM SULD PORIND           6.4         GEMPARA KOTES ANDROS         0         9/02/024         DVT17/024         EVM SULD PORIND           6.4.4         GEMPARA KOTES ANDROS         0         9/02/024         DVT17/024         EVM SULD PORIND           6.4.4         GEMPARA KOTES ANDROS         0         9/02/024         DVT17/024         EVM SULD PORIND           6.4.4         GEMPAR	G-2	INDEX SHEET I		10/11/2024	10/11/2024	EWP ISSUED FOR BID
6.5         GENTRAL ADVIS         0         10/17/2024         19/17/2024	G-3	INDEX SHEET II	2	10/22/2024	10/11/2024	ADDENDUM NO. 1
6.6         17ANUMA BARSYANDISA ADL LIGNNT         0         10/17/024	G-4	VICINITY MAP AND PROJECT LOCATION MAP	-	10/11/2024	10/11/2024	EWP ISSUED FOR BID
6-7.         STANDARD ABBRINATIONS AND LICERED II         0         10/11/2024         EVEN SUB CORE IN           6-8         ENTIME PROCESS FLOW MARGAM         0         10/11/2024         EVEN SUB CORE INFO           6-10         IPROPEDER PROCESS FLOW MARGAM         0         10/11/2024         EVEN SUB CORE INFO           6-10         IPROPEDER PROCESS FLOW MARGAM         0         10/11/2024         EVEN SUB CORE INFO           6-10         IPROPEDER PROCESS FLOW MARGAM         0         10/11/2024         EVEN SUB CORE INFO           6-11         IPROPEDER PROCESS FLOW MARGAM         0         10/11/2024         EVEN SUB CORE INFO           6-21         ERFINAL MOTSS A SWARDIS         0         9/07/2024         IV/11/2024         EVEN SUB CORE INFO           6-22         ERFINAL MOTSS AND/AS         CORE EVENT         0         9/07/2024         IV/11/2024         EVEN SUB CORE INFO           6-34         ADAMINISTRAND RULDING UF SAFET & CORE REVEN         0         9/07/2024         IV/11/2024         EVEN SUB CORE INFO           6-44         MARCONTS, SYMBOLS & ARREW NUTHIN         0         9/07/2024         IV/11/2024         EVEN SUB CORE INFO           6-45         MARCONTS, SYMBOLS & ARREW NUTHIN         0         9/07/2024         IV/11/2024         EVEN SUB CORE INFO	G-5	GENERAL NOTES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-S         ENSING PROCESS FLOW DAGAMA         D         10/11/2004         EVEN SOLED FOR BD           G-G         PROPOSED PROCESS IN WARAGAMA         D         10/11/2004         EVEN SOLED FOR BD           G-G         MEDRULCHAR NOTES IN WARAGAMA         D         10/11/2004         EVEN SOLED FOR BD           G-G         MEDRULCHAR NOTES IN WARAGAMA         D         10/11/2004         EVEN SOLED FOR BD           G-G         STRUCTURAL NOTES IN WARAGAMA         D         10/11/2004         EVEN SOLED FOR BD           G-G         STRUCTURAL NOTES A YMADOS         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD           G-G         SERVERIAL NOTES A YMADOS         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD           G-G         SERVERIAL NOTES BULDING LIFE SWETT & CODE REVIEW         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD           G-G         ALMANTON BULDING LIFE SWETT & CODE REVIEW         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD           G-G         ALMANTON BULDING LIFE SWETT & CODE REVIEW         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD           G-G         MULDING LIFE SWETT & CODE REVIEW         D         9/20/2011         10/11/2004         EVEN SOLED FOR BD	G-6	STANDARD ABBREVIATIONS AND LEGEND I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-1         PROPOSED PROCESS FLOW MARAMM         D         101/12/2014         EVEN SSUED FOR BID           G-10         IPDRALUC FROM LOTES I         D         101/12/2014         IPML 2014         EVEN SSUED FOR BID           G-13         STINUCTURAL NOTES I         D         101/12/2014         ISML 2014         EVEN SSUED FOR BID           G-14         STINUCTURAL NOTES A         D         101/12/2014         ISML 2014         EVEN SSUED FOR BID           G-43         CONRES SCREEN DUMMS TEL BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G-44         ARANITOR BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G-64         ADRIMISTATION BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G-64         MCC D BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G-64         MCC D BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G-64         MCC D BUILDING LIFE SAFETY & CODE REVEW         D         9/20/2024         101/12/2014         EVEN SSUED FOR BID           G	G-7	STANDARD ABBREVIATIONS AND LEGEND II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-10         MODBALLCROOTLE         D0         19/11/2024         EVEN SIND FOR BID           G-31         STULUTURA NOTES I         D         19/11/2024         EVEN SIND FOR BID           G-20         STULUTURA NOTES I         D         19/11/2024         EVEN SIND FOR BID           G-21         GENRAL NOTES AVMOIS         D         9/20/2031         19/11/2024         EVEN SIND FOR BID           G-22         GENRAL NOTES AVMOIS         D         9/20/2031         19/11/2024         EVEN SIND FOR BID           G-23         GENRAL NOTES AVMOIS         D         9/20/2031         19/11/2024         EVEN SIND FOR BID           G-44         GENRAL NOTES AVMOIS         D         9/20/2031         19/11/2024         EVEN SIND FOR BID           G-45         CARMINITING PURJUNCUE SEARTY & CODE REVEW         D         9/20/2031         19/11/2024         EVEN SIND FOR BID           G-46         MCC D BILDING UNE SAMEWARD         D         19/20/201         EVEN SIND FOR BID           G-41         PUNDING INTERS AVMOIS, SE AVARD SCORE PUNEW         D         9/20/2021         19/11/2024         EVEN SIND FOR BID           G-41         CXITING SITE AAND DEMOLITICAN PLAN         D         10/11/2024         EVEN SIND FOR BID           G-41         CXITING SITE AAND DE	G-8	EXISTING PROCESS FLOW DIAGRAM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
6.1       STRUCTURAL NOTES I       0       30/11/2024       IVII-2024	G-9	PROPOSED PROCESS FLOW DIAGRAM	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
Size         Size <th< td=""><td>G-10</td><td>HYDRAULIC PROFILE</td><td>0</td><td>10/11/2024</td><td>10/11/2024</td><td>EWP ISSUED FOR BID</td></th<>	G-10	HYDRAULIC PROFILE	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
GAL         GENERAL NOTES & SYMBOLS         0         9/20/2024         10/11/2024         EVM END           GA2         GENERAL NOTES & SYMBOLS         0         9/20/2024         10/11/2024         EVM END           GA3         COARSE SCREEN DUMNISTIR BUILDING LIFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM END           GA4         READTON BLOWER LIST AND TAKE CODE REVIEW         0         5/20/2024         10/11/2024         EVM END           GA5         ADMINISTRATION BUILDING LIFE SAFETY & CODE REVIEW         0         5/20/2024         10/11/2024         EVM END           GA6         MCCC D DULIDING LIFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM END           GA6         MCC D DULIDING LIFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM END           GA7         RUMBING MOTTS, SYMBOLS, A SABREVANDONS         0         9/20/2024         10/11/2024         EVM ENDER D RE NO           C2         PROPOSED OVERALISTER FAN         0         10/11/2024         10/11/2024         EVM ENDER D RE NO           C3         ULTIMANT STE UTILIZATION FAN         ND         10/11/2024         10/11/2024         EVM ENDER D RE NO           C4         STE SAMEY CONTROL MAP 2 0F 2	G-S1	STRUCTURAL NOTES I	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
6.42         6478         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.43         CORRES SCREED NUMPER BUILDING LIFE SAFETY & CODE REVIEW         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.44         ARRATION RECVIER BUILDING LIFE SAFETY & CODE REVIEW         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.45         ADMINISTRATION BLADING LIFE SAFETY & CODE REVIEW         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.46         MCC- D BUILDING LIFE SAFETY & CODE REVIEW         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.41         INVANIOS & ABBRIVIATIONS         0         97/07241         10/11/2024         EVM ESSUE PDR ND           6.41         INVANIOS & STE AND DEMOLITION PLAN         0         10/11/2024         EVM ESSUE PDR ND           C-2         INTEGREE         0         10/11/2024         EVM ESSUE PDR ND         EVM ESSUE PDR ND           C-3         ULTMATE STE TURLIZATION PLAN         0         10/11/2024         EVM ESSUE PDR ND           C-3         ULTMATE STE TURLIZATION PLAN         0         10/11/2024         EVM ESSUE PDR ND           C-4         STE SUMMY CONTROL MAP DF 2         D         0         10/11/2024 </td <td>G-S2</td> <td>STRUCTURAL NOTES II</td> <td>0</td> <td>10/11/2024</td> <td>10/11/2024</td> <td>EWP ISSUED FOR BID</td>	G-S2	STRUCTURAL NOTES II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
G-A3         COMES SCREEN DUMPETER BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A4         REATION BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A6         MCC 0 BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A6         MCC 0 BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A6         MCC 0 BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A6         MCC 0 BUILDING LIFE SAFETY & CODE REVIEW         0         9/07/022         1/07/12/024         EVM ESSUED FOR BID           G-A7         PLUMBINE NOTES. STMEOLS, ETAILS, & SCHEDULES         0         9/07/12/024         1/07/12/024         EVM ESSUED FOR BID           C-2         PRODOSEO OFENDIAL STE FLAN         0         10/17/024         EVM ESSUED FOR BID           C-2         MDONDSEO OFENDIAL STE FLAN         0         10/17/024         EVM ESSUED FOR BID           C-3         UTTRAFT STE UTULIZATION PLAN         0         10/17/024         10/17/024         EVM ESSUED FOR BID           C-4	G-A1	GENERAL NOTES & SYMBOLS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-A         APARTON BLOWER BULLING UPE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         FWP ESUED FOR BID           G-AS         ADMINISTRATION BULLING UPE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EWP ESUED FOR BID           G-AG         MCC-D BULLING UPE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EWP ESUED FOR BID           G-AG         MCC-D BULLING UPE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EWP ESUED FOR BID           G-AG         MCC-D BULLING UPE SAFETY & SCHEDULES         0         9/20/2024         10/11/2024         EWP ESUED FOR BID           STEE OVUL         WINSTRO FIRE AND DEMOLITION PLAN         0         10/11/2024         10/11/2024         EWP ESUED FOR BID           C-2         ROPORDID OVERALL STEP PLAN         0         10/11/2024         10/11/2024         EWP ESUED FOR BID           C-3         SURVEY CONTROL MAP 1 OF 2         0         7/13/2024         EWP ESUED FOR BID           C-4         SURVEY CONTROL MAP 2 OF 2         0         9/11/2024         EWP ESUED FOR BID           C-4         SURVEY CONTROL MAP 1 OF 2         0         9/11/2024         EWP ESUED FOR BID           C-5         SURVEY CONTROL MAP 1 OF 2         0         10/	G-A2	GENERAL NOTES, ADA/TAS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
6.45         ADMINISTRATION BUILDING UFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           6.46         MCC-D BUILDING UFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           6.41         HVAC HOTES, SYMBOLS & ABBERVATIONS         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           6.41         HVAC HOTES, SYMBOLS, BETALS, & SCHEDULES         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           7EE CVIL         TEVINING STE AND DEMOLITION FLAN         0         10/11/2024         10/11/2024         EVM PSSUED FOR BID           C-2         PROPOSIGO OVERALLS.STE FLAN         0         10/11/2024         10/11/2024         EVM PSSUED FOR BID           C-3         SUSTEVICON TROIN MAP 10 F 2         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           C-4         STIT SUMPCY CONTROL MAP 20 F 2         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           C-3         SUSTEV CONTROL MAP 20 F 2         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           C-4         STIT SUMPCY CONTROL MAP 20 F 2         0         10/11/2024         10/11/2024         EVM PSSUED FOR BID <td< td=""><td>G-A3</td><td>COARSE SCREEN DUMPSTER BUILDING LIFE SAFETY &amp; CODE REVIEW</td><td>0</td><td>9/20/2024</td><td>10/11/2024</td><td>EWP ISSUED FOR BID</td></td<>	G-A3	COARSE SCREEN DUMPSTER BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-6         MCC D BUILDING LIFE SAFETY & CODE REVIEW         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           G+11         IV/AC NOTES, SYMBOLS & ABBREVATIONS         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           G+12         PULMIBING NOTES, SYMBOLS, DEFIALS, & SCHEDULES         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           STE CVIL         STE SUBJEY CONTES, SYMBOLS, DEFIALS, & SCHEDULES         0         10/11/2024         EVM PSSUED FOR BID           C-2         PROPOSED OVERALL STE PLAN         0         10/11/2024         EVM PSSUED FOR BID           C-3         UITMATE STE FUNCTURATION HAN         0         10/11/2024         EVM PSSUED FOR BID           C-4         STE SURPTY CONTROL MAP 2 OF 2         0         9/20/2024         10/11/2024         EVM PSSUED FOR BID           C-6         BORE LOCATION SAND YARD PIPING PLANI         0         10/11/2024         EVM PSSUED FOR BID           C-7         OVERALL YARD PIPING PLANI         0         10/11/2024         EVM PSSUED FOR BID           C-8         CONTROL POINTS AND YARD PIPING PLANI         0         10/11/2024         EVM PSSUED FOR BID           C-9         CONTROL POINTS AND YARD PIPING PLANI         0         10/11/2024         EVM PSSUED FOR BID	G-A4	AERATION BLOWER BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-H1         HVAC NOTES, SYMBOLS, BABREYLANTONS         0         97272024         10/1/2024         EVM SSUED FOR BID           G-P1         PLUMBING NOTES, SYMBOLS, DETAILS, & SCHEDULES         0         97072024         10/1/2024         EVM SSUED FOR BID           STE CVIL         TSTE VIL         0         10/1/2024         10/1/2024         EVM SSUED FOR BID           C3         RXSTING STE AND DEMOLITION PLAN         0         10/11/2024         EVM SSUED FOR BID           C3         ULTIMATE STE UTILIZATION PLAN         0         10/11/2024         EVM SSUED FOR BID           C4         STE SUBJEC FOR BID         10/11/2024         EVM SSUED FOR BID         EVM SSUED FOR BID           C5         SURVEY CONTROL MAP 2 OF 2         0         9/20/2024         10/11/2024         EVM SSUED FOR BID           C6         BORE LOCATION STE PLAN         0         10/11/2024         EVM SSUED FOR BID         EVM SSUED FOR BID           C7         OVERAL VARD PHING PLAN         0         10/11/2024         EVM SSUED FOR BID         EVM SSUED FOR BID           C4         CONTROL POINTS AND PARD PHING PLAN I         0         10/11/2024         EVM SSUED FOR BID           C5         CONTROL POINTS AND PARD PHING PLAN I         0         10/11/2024         EVM SSUED FOR BID	G-A5	ADMINISTRATION BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
G-11         PLUMBING NOTES, SYMBOLS, DETAILS, & SCHEDULES         0         9/20/2024         10/11/2024         EWP ISSUED FOR BID           STRE CIVIL         STRE CIVIL         10/11/2024         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-2         PROPOSED OVERALL STE PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-3         ULTIMANT STE PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-4         STE EURY CONTROL MAP 1 OF 2         0         7/13/2024         10/11/2024         EWP ISSUED FOR BID           C-4         SURVEY CONTROL MAP 2 OF 2         0         9/20/2024         10/11/2024         EWP ISSUED FOR BID           C-4         BORE LOCATION STE PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-7         OVERALL YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-3         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-4         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-10         CONTROL POINTS AND YARD	G-A6	MCC-D BUILDING LIFE SAFETY & CODE REVIEW	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SITE GVIL         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 SURFEV CONTROL MAP 1 OF 2         0         7/37/2024         10/11/2024         EWP ISSUED FOR BID           C-4         SITE SURFEV CONTROL MAP 2 OF 2         0         9/20/2024         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-7         OVERALL YARD PIPING PLAN I         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-3         CONTROL OPINTS AND YARD PIPING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-10         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-12         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-13         CONTROL POINTS AND YARD PIPING PLAN II         0         1	G-H1	HVAC NOTES, SYMBOLS & ABBREVIATIONS	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
SITE CIVIL         EXISTING SITE AND DEMOLITION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-2         PROPOSIC OVERALLSTE 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 SURFEY CONTROL MAP JO F2         0         7/13/2024         10/11/2024         EWP ISSUED FOR BID           C-4         SITE SURFEY CONTROL MAP JO F2         0         9/20/2024         10/11/2024         EWP ISSUED FOR BID           C-5         SURVEY CONTROL MAP JO F2         0         9/20/2024         10/11/2024         EWP ISSUED FOR BID           C-7         OVERALL YARD PIPING PLAN I         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-9         CONTROL, ONITS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-10         CONTROL, ONITS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-12         CONTROL, ONITS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-13	G-P1	PLUMBING NOTES, SYMBOLS, DETAILS, & SCHEDULES	0	9/20/2024	10/11/2024	EWP ISSUED FOR BID
C-1         EXSTING SITE AND DEMOLITION PLAN         0         10/11/2024         EVM SSUED FOR BID           C-2         PROPOSED OVERAL SITE PLAN         0         10/11/2024         EVM SSUED FOR BID           C-3         ULTIMATE SITE ULTLATION PLAN         0         10/11/2024         EVM SSUED FOR BID           C-4         SITE SURVEY CONTROL MAP 2 OF 2         0         7/3/2024         10/11/2024         EVM FSSUED FOR BID           C-5         SURVEY CONTROL MAP 2 OF 2         0         10/11/2024         EVM FSSUED FOR BID           C-6         BORE LOCATION SITE PLAN         0         10/11/2024         EVM FSSUED FOR BID           C-7         OVERALL YARD PIPING PLAN         0         10/11/2024         EVM FSSUED FOR BID           C-8         CONTROL FOINTS AND YARD PIPING PLAN II         0         10/11/2024         EVM FSSUED FOR BID           C-9         CONTROL FOINTS AND YARD PIPING PLAN II         0         10/11/2024         EVM FSSUED FOR BID           C-10         CONTROL FOINTS AND YARD PIPING PLAN II         0         10/11/2024         EVM FSSUED FOR BID           C-11         CONTROL FOINTS AND YARD PIPING PLAN IV         0         10/11/2024         EVM FSSUED FOR BID           C-12         CONTROL FOINTS AND YARD PIPING PLAN IV         0         10/11/2024<					, ,	
C2         PROPOSED OVERALL SITE PLAN         0         10/11/2024         EVM PISSUED FOR BID           C-3         ULTIMATE SITE UTILKZINON FLAN         0         10/11/2024         EVM PISSUED FOR BID           C-4         SITE SUMP CONTROL MAP 10F 2         0         7/37/024         10/11/2024         EVM PISSUED FOR BID           C-5         SURVEY CONTROL MAP 20 F 2         0         9/7/37/024         10/11/2024         EVM PISSUED FOR BID           C-6         BORE ICOCKTONSTEP AN         0         10/11/2024         10/11/2024         EVM PISSUED FOR BID           C-7         OVERALL YARD PIPING PLAN         0         10/11/2024         10/11/2024         EVM PISSUED FOR BID           C-9         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EVM PISSUED FOR BID           C-10         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EVM PISSUED FOR BID           C-11         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EVM PISSUED FOR BID           C-12         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EVM PISSUED FOR BID           C-13         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EVM PISSUED FOR BID           C-14		EXISTING SITE AND DEMOLITION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
C3         UTIMATE SITE UTILIZATION PLAN         0         10/11/2024         EWP ISSUED FOR BID           C4         SITE SURVEY CONTROL MAP 1 OF 2         0         7/3/2024         10/11/2024         EWP ISSUED FOR BID           C5         SURVEY CONTROL MAP 2 OF 2         0         9/70/2024         10/11/2024         EWP ISSUED FOR BID           C6         BORE LOCATION SITE PLAN         0         10/11/2024         EWP ISSUED FOR BID           C6         BORE LOCATION SITE PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C6         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C3         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C4         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C10         CONTROL POINTS AND YARD PIPING PLAN IV         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C11         CONTROL POINTS AND YARD PIPING PLAN VI         0         10/11/2024         EWP ISSUED FOR BID           C12         CONTROL POINTS AND YARD PIPING PLAN VI         0         10/11/2024 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
C4         SITE SURVEY CONTROL MAP 1 OF 2         0         7/12/2024         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 FLAN         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-7         OVERALL YAD PINKO PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-3         CONTROL POINTS AND YARD PINKO PLAN II         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-9         CONTROL POINTS AND YARD PINKO PLAN II         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-10         CONTROL POINTS AND YARD PINKO PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-12         CONTROL POINTS AND YARD PINKO PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-13         CONTROL POINTS AND YARD PINKO PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-14         MAJOR YARD PINKO PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-15         MAJOR YARD PINKO PROFILE II         0         10/11/2024         EWP ISSUED FOR BID <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
C5         SUMPY CONTROL MAP 2 OF 2         0         9/20/204         10/11/204         EWP ISSUED FOR BID           C-6         BORE LOCATION SITE PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-7         OVERALL YAND PIPING PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-8         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-9         CONTROL POINTS AND YARD PIPING PLAN III         0         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 V         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 V         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-14         MAJOR YARD PIPING PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-15         MAJOR YARD PIPING PROFILE III			-			
C-6         BORE LOCATION SITE PLAN         0         10/11/2024         LEWP ISSUED FOR BID           C-7         OVERALL YARD PINING PLAN         0         10/11/2024         EWP ISSUED FOR BID           C-8         CONTROL POINTS AND YARD PINING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-9         CONTROL POINTS AND YARD PINING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-10         CONTROL POINTS AND YARD PINING PLAN II         0         10/11/2024         IEWP ISSUED FOR BID           C-11         CONTROL POINTS AND YARD PINING PLAN II         0         10/11/2024         IEWP ISSUED FOR BID           C-12         CONTROL POINTS AND YARD PINING PLAN V         0         10/11/2024         IEWP ISSUED FOR BID           C-13         CONTROL POINTS AND YARD PINING PLAN V         0         10/11/2024         IEWP ISSUED FOR BID           C-14         MAIOR YARD PINING PLAN VI         0         10/11/2024         IEWP ISSUED FOR BID           C-15         MAIOR YARD PINING PLAN VI         0         10/11/2024         IEWP ISSUED FOR BID           C-14         MAIOR YARD PIPING PROFILE II         0         10/11/2024         IEWP ISSUED FOR BID           C-17         MAIOR YARD PIPING PROFILE III         0         10/11/2024						
C?         OVERALL YARD PIPING PLAN         0         10/11/2024         EWP ISSUED FOR BID           C.8         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-9         CONTROL POINTS AND YARD PIPING PLAN II         0         10/11/2024         EWP ISSUED FOR BID           C-10         CONTROL POINTS AND YARD PIPING PLAN III         0         10/11/2024         EWP ISSUED FOR BID           C-11         CONTROL POINTS AND YARD PIPING PLAN III         0         10/11/2024         EWP ISSUED FOR BID           C-12         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-14         MAIOR YARD PIPING PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-15         MAIOR YARD PIPING PROFILE I         0         10/11/2024         EWP ISSUED FOR BID           C-16         MAIOR YARD PIPING PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-17         MAIOR YARD PIPING PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-18         MAIOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-19         MAIOR YARD PIPING PROFILE VII         0         10/11/2024 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
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 V         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-14         MAJOR YARD PIPING PLAN V         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 II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-17         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-						
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         EWP ISSUED FOR BID           C-11         CONTROL POINTS AND YARD PIPING PLAN IV         0         10/11/2024         EWP ISSUED FOR BID           C-12         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-13         CONTROL POINTS AND YARD PIPING PLAN V         0         10/11/2024         EWP ISSUED FOR BID           C-14         MAJOR YARD PIPING PROFILE I         0         10/11/2024         EWP ISSUED FOR BID           C-15         MAJOR YARD PIPING PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-15         MAJOR YARD PIPING PROFILE II         0         10/11/2024         EWP ISSUED FOR BID           C-16         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-21         MAJOR YARD PIPING PROFILE VI         0						
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         EWP ISSUED FOR BID           C-13         CONTROL POINTS AND YARD PIPING PLAN VI         0         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 VI         0         10/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-20         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         EWP ISSUED FOR BID           C-21         MAJOR YARD PIPING PROFILE VI         0         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 II         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-17         MAJOR YARD PIPING PROFILE V         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-20         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-21         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-22						
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 II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-17         MAJOR YARD PIPING PROFILE II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-19         MAJOR YARD PIPING PROFILE VII         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 VII         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-22			-			
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 II         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-17         MAJOR YARD PIPING PROFILE V         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         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 VII         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						
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         EWP ISSUED FOR BID           C-16         MAJOR YARD PIPING PROFILE II         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-16         MAJOR YARD PIPING PROFILE IV         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-17         MAJOR YARD PIPING PROFILE V         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-18         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-20         MAJOR YARD PIPING PROFILE VI         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-21         MAJOR YARD PIPING PROFILE VII         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-22         PIPE TRENCH DETAILS         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-23         OVERALL PAVING PLAN (1 OF 4)         0         10/11/2024         IO/11/2024         EWP ISSUED FOR BID           C-24         DETAILED PAVING PLAN (1 OF 4)         0						
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 VII         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-22         PIPE TRENCH DETALS         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-23         OVERALL PAVING PLAN         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-24         DETAILED PAVING PLAN (1 OF 4)         0         10/11/2024         EWP ISSUED FOR BID           C-25         DETAILED PAVING PLAN (3 OF 4)         0         10/11/2024						
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 VII         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 (4 OF 4)						
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 VI         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-21         MAJOR YARD PIPING PROFILE VII         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         I0/11/2024         EWP ISSUED FOR BID           C-26         DETAILED PAVING PLAN (3 OF 4)         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-27         DETAILED PAVING PLAN (4 OF 4)			-			
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 VII         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         0         10/11/2024         EWP ISSUED FOR BID           C-28         OVERALL GRADING PLAN         0         10/11/2024 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
C-19         MAJOR YARD PIPING PROFILE VI         0         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 (1 OF 4)         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-24         DETAILED PAVING PLAN (2 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-27         DETAILED PAVING PLAN (3 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 PLAN (4 OF 4)         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-29         PAVING DETAILS         0         10/11/2024			-			
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 (2 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 (4 OF 4)         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 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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           CAS-M1         LIFT STATION DEMOLITION PLAN         4						
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         I0/11/2024         EWP ISSUED FOR BID           C-28         OVERALL GRADING PLAN         4 OF 4)         0         10/11/2024         EWP ISSUED FOR BID           C-29         PAVING DETAILS         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-30         CITY OF TOMBALL DETAILS         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           C-30         CITY OF TOMBALL DETAILS         0         10/11/2024         I0/11/2024         EWP ISSUED FOR BID           CASES SCREEN         CASES SCREEN         CADENDUM NO. 3						
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 (4 OF 4)         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           C-30         CITY OF TOMBALL 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           C-30         CITY OF TOMBALL DETAILS         0						
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         (4 OF 4)         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-29         PAVING DETAILS         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           C-30         LIFT STATION DEMOLITION PLAN         4         11/12/2024         10/11/2024         EWP ISSUED FOR BID           CRS-M1         LIFT STATION DEMOLITION SECTION						
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           C-30         CITY OF TOMBALL 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           C-30         CITY OF TOMBALL DETAILS         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-30         LIFT STATION DEMOLITION PLAN         4         11/12/2024         10/11/2024         ADDENDUM NO. 3           CRS-M3         COARSE SCREEN ISOMETRIC FRONT         0						
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           C-30         CITY OF TOMBALL 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           C-30         CITY OF TOMBALL DETAILS         0         10/11/2024         10/11/2024         EWP ISSUED FOR BID           C-30         LIFT STATION DEMOLITION PLAN         4         11/12/2024         10/11/2024         ADDENDUM NO. 3           CRS-M1         LIFT STATION DEMOLITION SECTION         2         10/11/2024         EWP ISSUED FOR BID           CRS-M3         COARSE SCREEN ISOMETRIC FRONT         0         8/9/2024						
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           C-30         CITY OF TOMBALL 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           C-30         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         ADDENDUM NO. 3           CRS-M5         COARSE SCREEN UPPER PLAN         1         11/12/2024						
C-28OVERALL GRADING PLAN010/11/202410/11/2024EWP ISSUED FOR BIDC-29PAVING DETAILS010/11/202410/11/2024EWP ISSUED FOR BIDC-30CITY OF TOMBALL DETAILS010/11/202410/11/2024EWP ISSUED FOR BIDCOARSE SCREENCRS-M1LIFT STATION DEMOLITION PLAN411/12/202410/11/2024ADDENDUM NO. 3CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3						
C-29PAVING DETAILS010/11/2024EWP ISSUED FOR BIDC-30CITY OF TOMBALL DETAILS010/11/202410/11/2024EWP ISSUED FOR BIDCOARSE SCREENCRS-M1LIFT STATION DEMOLITION PLAN411/12/202410/11/2024ADDENDUM NO. 3CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3	C-27					
C-30CITY OF TOMBALL DETAILS010/11/202410/11/2024EWP ISSUED FOR BIDCOARSE SCREENCRS-M1LIFT STATION DEMOLITION PLAN411/12/202410/11/2024ADDENDUM NO. 3CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3	C-28					
COARSE SCREENCRS-M1LIFT STATION DEMOLITION PLAN411/12/202410/11/2024ADDENDUM NO. 3CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3	C-29					EWP ISSUED FOR BID
CRS-M1LIFT STATION DEMOLITION PLAN411/12/202410/11/2024ADDENDUM NO. 3CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3	C-30	CITY OF TOMBALL DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-M2LIFT STATION DEMOLITION SECTION210/11/202410/11/2024EWP ISSUED FOR BIDCRS-M3COARSE SCREEN ISOMETRIC FRONT08/9/202410/11/2024EWP ISSUED FOR BIDCRS-M4COARSE SCREEN ISOMETRIC BACK111/12/202410/11/2024ADDENDUM NO. 3CRS-M5COARSE SCREEN UPPER PLAN111/12/202410/11/2024ADDENDUM NO. 3	COARSE SCREEN					
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-M1	LIFT STATION DEMOLITION PLAN	4	11/12/2024	10/11/2024	ADDENDUM NO. 3
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-M2	LIFT STATION DEMOLITION SECTION	2	10/11/2024	10/11/2024	EWP ISSUED FOR BID
CRS-M5         COARSE SCREEN UPPER PLAN         1         11/12/2024         10/11/2024         ADDENDUM NO. 3	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-M6         COARSE SCREEN SECTIONS I         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



Current	Current Drawing Title	Rev	Drawing	Received	Set Name
Drawing No.			Date	Date	oet nume
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 DUMPSETER 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 S			0, 20, 2021		
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 OF EAR PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M4	INFLUENT LIFT STATION ECHIPAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
ILS-M5	INFLUENT LIFT STATION SECTIONS I	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-S1	INFLUENT LIFT STATION SECTIONAL AND TOP PLANS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
	INFLUENT LIFT STATION CANOFT FRAMMING FLAM	0		10/11/2024	EWP ISSUED FOR BID
ILS-S3			10/11/2024		
ILS-S4 ILS-S5	INFLUENT LIFT STATIONS SECTIONS II	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
	INFLUENT LIFT STATION SECTIONS AND DETAILS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
HEADWORKS			40/44/2024	40/44/2024	
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 FOUNDTION 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 DL	JMPSTER 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-S2 SBX-S3	SPLITTER BOX SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
AERATION BASI			-0, -1, 2024	10, 11, 2024	
AER-M1	AERATION BASINS ISOMETRIC I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-M2	AERATION BASINS ISOMETRIC I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AER-M3 AER-M4	AERATION BASINS BASE PLAN	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
	AERATION BASINS SECTIONS I	0	8/9/2024	10/11/2024	EWP ISSUED FOR BID



Drawing No.         Current Drawing Title         Not         Set Name           Rem No.         Address Controls         0         8/9/0218         12/11/2024	Current			Drawing	Received	
Acta And Address Section Site         0         1974224         241/12/204         EVEN Site Dires in Address Section Site Dires in Address Section Site Dires in Address Section Site Dires Site Dires Site Dires in Address Section Site Dires Sit		Current Drawing Title	Rev	Drawing		Set Name
ARE 51         ARAMOND BASINE SOLVIDATION FAN         0         101/12/204         10/12/204			0			
AND S.         Advances Assessment Sectores in         0         10/11/2004 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
ARE-30         Add-ADD BASINS SECTIONS I         0         101/12/204         101/1			-			
ARB-54         4RA-1000 ASSIMPS SCHOODS AND DETAILS I         0         10/11/2024         10/11/2024         10/11/2024         10/11/2024           ARB-55         4REATION ASSIMPS SCHOODS AND DETAILS I         0         10/11/2024 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>			-			
ARB 56         APARION ASSUME SECTIONS AND DETAILS         0         10/11/2024						
AR-MS         APARION NAMES SECTIONS AND DETAILS III         0         10/11/2024         DEVP SSUED OR B           ARB-S7         APARION NAMES SECTIONS AND DETAILS III         0         10/11/2024         DEVP SSUED OR B           ARB-S7         APARION NAMES SECTIONS AND DETAILS IV         0         10/11/2024         DEVP SSUED OR B           ARB-S7         APARION NAMES SECTIONS AND DETAILS IV         0         8/9/2024         10/11/2024         EVP PSSUED OR B           ARB-MA         APARION NAMES SECTIONS AND DETAILS IV         0         8/9/2024         10/11/2024         EVP PSSUED OR B           ARB-MA         APARION NAMES SECTIONS AND ETAILS IV         0         8/9/2024         10/11/2024         EVP PSSUED OR B           ARB-MA         APARION NAMES SECTIONS AND PAN         0         10/11/2024         EVP PSSUED OR B           ARB-A1         APARION NAMES SECTIONS AND PAN         0         10/11/2024         EVP PSSUED OR B           ARB-A1         APARION NAMES BULDING COOR RELECTED DELING & ROP PLANS         0         9/20/2024         10/11/2024         EVP PSSUED OR B           ARB-A1         APARION NAMES BULDING COOR RELECTED DELING & ROP PLANS         0         9/20/2024         10/11/2024         EVP PSSUED OR B           ARB-A1         APARION NAMOVER BULDING COOR RELECTED DELING & ROP PLANS						
ARE-ST         AREADON BASING SECTIONS AND DETAILS III         0         10/11/2024						
ARE Static         APARTON BASINS SECTIONS AND DETAILS IV         0         10/11/2024         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING         0         8/9/024         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING SOME TINC         0         8/9/024         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING SOME TINC         0         8/9/024         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING SOME TINC         0         10/11/2024         EVP ESULE DORS         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING SECTIONS I         0         10/11/2024         EVP ESULE DORS         0         9/0/12/24         EVP ESULE DORS           AREATION BROWNER BUILDING EXECTIONS         0         9/0/12/24         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING EXECTIONS         0         9/0/12/24         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING EXECTIONS         0         9/0/12/24         10/11/2024         EVP ESULE DORS           AREATION BROWNER BUILDING EXECTIONS         0         9/0/12/24         10/11/2024         EVP ESUE DORS           AREATION BROWNER BUILDING EXECTIONS         0         9/0/12/24         10/11/2024         EVP ESUE DORS <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>			-			
AREADING BASINE SCOPER DUILDING         EVEN EXPLOSE         EVEN EXPLOSE           ABB-MU         APATATON BLOWRE BUILDING ISOMETRIC         0         8/9/1224         10/11/2024         EVEN ESSUED FOR BUILDING ISOMETRIC           ABB-M2         APATATON BLOWRE BUILDING ISOMETRIC         0         8/9/1224         10/11/2024         EVEN ESSUED FOR BUILDING ISOMETRIC           ABB-M2         APATATON BLOWRE BUILDING ISOMETRIC         0         8/9/1224         10/11/2024         EVEN ESSUED FOR BUILDING ISOMETRIC           ABB-M2         APATATON BLOWRE BUILDING COOR PLANS         0         10/11/2024         10/11/2024         EVEN ESSUED FOR BUILDING ISOMETRIC         0         9/9/12/204         10/11/2024         EVEN ESSUED FOR BUILDING SCIENCING           ABB-A1         APATATON BLOWRE BUILDING SCIENCINS         0         9/9/02/204         10/11/2024         EVEN ESSUED FOR BUILDING SCIENCINS           ABB-A4         APATATON BLOWRE BUILDING SCIENCINS         0         9/9/02/204         10/11/2024         EVEN ESSUED FOR BUILDING SCIENCINS           ABB-A4         APATATON BLOWRE BUILDING SCIENCINS         0         9/9/02/204         10/11/2024         EVEN ESSUED FOR BUILDING SCIENCINS           ABB-A4         APATATON BLOWRE BUILDING SCIENCINS         0         9/9/02/204         10/11/2024         EVEN ESSUED FOR BUILDING SCIENCINS           <						
ABB-M1         AREATON BLOWER BUILDING SCIENTERIC         0         8/9/2024         10/1/1/2024         EVENSUE FORB           ABB-M2         AFATON BLOWER BUILDING SCIENTISI         0         8/9/2024         10/1/1/2024         EVENSUE FORB           ABB-M3         AREATON BLOWER BUILDING SCIENTISI         0         10/1/1/2024         EVENSUE FORB           ABB-S1         AREATON BLOWER BUILDING SCIENTISI         0         10/1/1/2024         EVENSUE FORB           ABB-S2         AREATON BLOWER BUILDING SCIENTISI         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING SCIENTISI         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING SCIENTISIS         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING KALLSTENDIS         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING KALLSTENDIS         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING KALLSTENDING         0         9/0/0/204         10/1/1/2024         EVENSUE FORB           ABB-S4         AREATON BLOWER BUILDING KALLSTENDING         0 </td <td></td> <td></td> <td>0</td> <td>10/11/2024</td> <td>10/11/2024</td> <td></td>			0	10/11/2024	10/11/2024	
ABB.AV2         APATON BLOWER BUILDING FLOOP FLAN         0         8/7024         10/11/2024         EVM SSUED FOR BUILDING FLOOP FLAN           ABB.AV3         APATON BLOWER BUILDING FOUNDATION PLAN         0         10/11/2024         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN           ABB.AV3         APATON BLOWER BUILDING FOUNDATION PLAN         0         10/11/2024         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN           ABB.AV3         APATON BLOWER BUILDING FOUNDATION PLAN         0         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN           ABB.AV4         APATON BLOWER BUILDING FOUNDATION PLAN         0         8/70/2014         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN           ABB.AV4         APATON BLOWER BUILDING FOOR PLANS         0         9/70/2014         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN           ABB.AV4         APATON BLOWER BUILDING FOOR PLAN         0         9/70/2014         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN         0         8/70/2024         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN         0         8/70/2024         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN         0         8/70/2024         10/11/2024         EVM SSUED FOR BUILDING FOUNDATION PLAN         0         8/70/2024         10/11/2024         EVM SSUED FOR BUI			0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
AB4-MB         AERATION BLOWER BUILDING SECTIONS 1         0         19/12/2021         10/11/2024         EVP SSUED FOR B AB4-S2           ABE-S2         AERATION BLOWER BUILDING FOUNDATION PLAN         0         10/11/2024         10/11/2024         EVP SSUED FOR B AB4-S2           ABE-S2         AERATION BLOWER BUILDING SCITION COD, REFLECTED CELING & ROOF PLANS         0         9/20/2024         10/11/2024         EVP SSUED FOR B AB4-S3           ABE-S3         AERATION BLOWER BUILDING SCITIONS         0         9/20/2024         10/11/2024         EVP SSUED FOR B AB4-S4           ABE-S4         AERATION BLOWER BUILDING SCITIONS         0         9/20/2024         10/11/2024         EVP SSUED FOR B AB4-S1           ABB-A4         AERATION BLOWER BUILDING VALUESCITONS         0         9/20/2024         10/11/2024         EVP SSUED FOR B EVM SSUED FOR B AB4-S1           ABB-A4         AERATION BLOWER BUILDING VALUESCITONS         0         9/20/2024         10/11/2024         EVP SSUED FOR B EVM SSUED FOR						
ABB-51         AERATION BLOWER BUILDING FOUNDATION PLAN         0         10/11/2024         10/11/2024         EVM FISUED FOR BLANES           ABB-52         AERATION BLOWER BUILDING SECTION         0         10/11/2024         EVM FISUED FOR BLANES         0         9/20/2024         10/11/2024         EVM FISUED FOR BLANES           ABB-A2         AERATION BLOWER BUILDING SECTIONS         0         9/20/2024         10/11/2024         EVM FISUED FOR BLANES           ABB-A3         AERATION BLOWER BUILDING SECTIONS         0         9/20/2024         10/11/2024         EVM FISUED FOR BLANES           ABB-A4         AERATION BLOWER BUILDING VALL SECTIONS         0         9/20/2024         10/11/2024         EVM FISUED FOR BLANES           ABB-A1         AERATION BLOWER BUILDING VALL SECTIONS         0         9/20/2024         10/11/2024         EVM FISUED FOR BLANES           FINAL CLARFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EVM FISUED FOR BLANES           FINAL CLARFIERS SECTION ADD ETAILS         0         8/9/2024         10/11/2024         EVM FISUED FOR BLANES           FINAL CLARFIERS NO.3 PLAN         0         8/9/2024         10/11/2024         EVM FISUED FOR BLANES           FINAL CLARFIERS SECTION ADD ETAILS         0         8/9/2024         10/11/2024         EVM FISUED FOR BLANES			-			
ABB-S2         AFARATION BLOWER BULLIDING SECTION         0         10/11/12/024         10/11/22/024         FEWP SSUED FORE           ABB-A1         AFARATION BLOWER BULLIDING RELEXIENCE SELING & RODF PLANS         0         9/20/2204         10/11/2024         FEWP SSUED FORE           ABB-A2         AFARATION BLOWER BULLIDING ELEVATIONS         0         9/20/2024         10/11/2024         FEWP SSUED FORE           ABB-A4         AFARATION BLOWER BULLIDING SECTIONS         0         9/20/2024         10/11/2024         FEWP SSUED FORE           ABB-A4         AFARATION BLOWER BULLIDING SECTIONS         0         9/20/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS BULDING VICE PLAN         0         9/20/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS ISOMETINC         0         8/9/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS ISOMETINC         0         8/9/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS ISOMETINC         0         8/9/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS ISOMETINC         0         8/9/2024         10/11/2024         FEWP SSUED FORE           FINAL CLARIFIERS ISOMETINC         0         8/9/2024         10/11/2024         FEWP SSUE			-			
ABB-A1         AFRATION BLOWER BUILDING FLOOR. REFLETED CELLING & ROOF PLANS         0         97/20/204         10/11/2024         EVER SSUED FOR BLABRA ARRATIONS           ABB-A2         AFRATION BLOWER BUILDING ELEVATIONS         0         97/20/204         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING ELEVATIONS         0         97/20/204         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING WALL SECTIONS         0         97/20/204         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR FLON         0         97/20/2024         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR FLON         0         97/20/2024         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR FLON         0         97/20/2024         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR FLON         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR FLON         0         87/2024         10/11/2024         EVER SSUED FOR BLABRA ARRATION BLOWER BUILDING FLOOR F						
ABB-A2         AREATION BLOWER BUILDING ELEVATIONS         0         97/07/2014         10/11/2014         EVP SSUED FOR BLABBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA						
ABB-A3         AREATION BLOWER BUILDING SECTIONS         0         97/07/2014         10/11/2024         EVP SSUED FOR B ABB-A4           ABB-A4         AFEATION BLOWER BUILDING VALL SECTIONS         0         97/07/2014         10/11/2024         EVP SSUED FOR B ABB-A1           ABB-A1         AFEATION BLOWER BUILDING FLOO PLAN         0         97/07/2014         10/11/2024         EVP SSUED FOR B EVP CM2           FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EVP SSUED FOR B EVP CM2           FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EVP SSUED FOR B EVP CM2           FINAL CLARIFIERS SCITION I         0         8/9/2024         10/11/2024         EVP SSUED FOR B EVP CM2           FINAL CLARIFIERS SCITION AND DETAILS         0         8/9/2024         10/11/2024         EVP SSUED FOR B EVP CM2           FINAL CLARIFIERS SCITIONS AND DETAILS         0         10/11/2024         EVP SSUED FOR B EVP CM2         EVP SSUE FOR B EVP CM2						
RB-A4         REPAID         RUME RELIDING WALL SECTIONS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           ABB-H1         AERATION BLOWER BUILDING FLOOR PLAN         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           FINAL CLARIFIES NO. 3 AND 4         FINAL CLARIFIES NO. 3 AND 4         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FINAL CLARIFIES NO. 4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CMA2         FINAL CLARIFIES NO. 4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CMA2         FINAL CLARIFIES NO. 3 & A SECTIONS AND DETAILS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CAS         FINAL CLARIFIERS NO. 3 & A SECTIONS AND DETAILS I         0         10/11/2024         EWP ISSUED FOR B           FIN-S2         FINAL CLARIFIERS NO. 3 & A SECTIONS AND DETAILS II         0         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2         SCUM FUMP STATION NO. 2         SCUM FUMP STATION NO. 2         EWP ISSUED FOR B           SS-54.1         SCUM FUMP STATION NO. 2         SCUM FUMP STATION NO. 2         EWP ISSUED FOR B           SS-54.1         SCUM FUMP STATION NO. 2         SCUM FUMP STATIO						
ABB-H1         READ         RUM         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           FINAL CLARIFIERS NO.3 AND 4         EWP ISSUED FOR B         8/9/2024         10/11/2024         EWP ISSUED FOR B           FINAL CLARIFIERS NO.3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CM         FINAL CLARIFIERS NO.4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CMAB         FINAL CLARIFIERS NO.4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FIN-CMAB         FINAL CLARIFIERS NO.3 & SECTIONS AND DETAILS I         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO.2         SECTIONS AND DETAILS II         0         10/11/2024         ID/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO.2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SFS-M1         SCUM PUMP STATION NO.2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RAS/WAS PUMP STATION NO.2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RAS/WAS PUMP STATION NO.2 ISOMETRIC         0         8/9/2024         10/11						
FINAL CLARIFIERS NO. 3 AND 4         Proc.Mat.         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FRC-M2         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FRC-M2         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FRC-M3         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M3         FINAL CLARIFIERS SECTIONS AND DETAILS I         0         10/11/2024         EWP ISSUED FOR B           FNC-S2         FINAL CLARIFIERS NO. 3 & A SECTIONS AND DETAILS II         0         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SFS-M2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SFS-M2         SCUM PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSF-M2         RAS/WAS PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSF-M3         RAS/WAS PUMP ST						
FNC-M1         FINAL CLARIFIERS SOUGHTRIC         0         8/9/2024         10/11/2024         EWP PSUED FOR B           FNC-M2         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP PSUED FOR B           FNC-M3         FINAL CLARIFIERS NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP PSUED FOR B           FNC-M3         FINAL CLARIFIERS SECTION S AND DETAILS         0         8/9/2024         10/11/2024         EWP PSUED FOR B           FNC-SS         FINAL CLARIFIERS SECTIONS AND DETAILS         0         10/11/2024         IO/11/2024         EWP PSUED FOR B           FNC-SS         FINAL CLARIFIERS SECTIONS AND DETAILS II         0         10/11/2024         IO/11/2024         EWP PSUED FOR B           SCUM PUMP STATION NO.2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP PSUED FOR B           SPS-M2         SCUM PUMP STATION NO.1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP PSUED FOR B           RS-M4         RAS/WAS PUMP STATION NO.1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP PSUED FOR B           RS-M4         RAS/WAS PUMP STATION NO.1 SCMETRIC         0         8/9/2024         10/11/2024         EWP PSUED FOR B           RS-M4         RAS/WAS PUMP STATION NO.			Ű	572072024	10/11/2024	
FNC-M2         FINAL CLARIFIES NO. 3 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M4         FINAL CLARIFIES NO. 4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M4         FINAL CLARIFIES SECTION I         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M5         FINAL CLARIFIES SECTIONS AND DETAILS I         0         10/11/2024         EWP ISSUED FOR B           FNC-S2         FINAL CLARIFIES NO. 3 & 4 SECTIONS AND DETAILS I         0         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2         SIGUM PUMP STATION NO. 2. ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2. ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSP-M2         SCUM PUMP STATION NO. 2. ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSP-M1         RAS/WAS PUMP STATION NO. 2. ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSP-M2         SCUM PUMP STATION NO. 2. ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUE FOR B           RSP-M3         RAS/WAS PUMP STATI			0	8/9/2024	10/11/2024	EWP ISSUED FOR BID
FINAL CLARIFIERS NO. 4 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M3         FINAL CLARIFIERS SECTION I         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-M3         FINAL CLARIFIERS SECTION AND DETAILS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-S1         FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS I         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 3 & 4 SECTIONS AND DETAILS I         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 1 SCOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RSS-M3         RAS/WAS PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/						EWP ISSUED FOR BID
FNC-M4         FINAL CLARIFIERS SECTION AND DETAILS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-S1         FINAL CLARIFIERS SECTIONS AND DETAILS         0         10/11/2024         EWP ISSUED FOR B           FNC-S2         FINAL CLARIFIERS NO. 3.8 & SECTIONS AND DETAILS I         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B						EWP ISSUED FOR BID
FINAL CLARIFIERS SECTIONS AND DETAILS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           FNC-S1         FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS I         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2         EWP ISSUED FOR B         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 1 SCHOOR PLANS AND SECTIONS         0         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 SCHOOR PLANS AND SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SCHOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B						
PNC-S1         FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS I         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           FRG-S2         FINAL CLARIFIERS NO. 3 & 4 SECTIONS AND DETAILS II         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           SCUM PUMP STATION NO. 2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           Res/M2         SCUM PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           Res/M2         RAS/WAS PUMP STATION NO. 1 ESCTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           Res/M2         RAS/WAS PUMP STATION NO. 1 ESCTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           Res/M3         RAS/WAS PUMP STATION NO. 2 ESCTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           Res/M3         RAS/WAS PUMP STATION NO. 2 ESCTIONS         0         8/9/2024         10/11/2024         EWP						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 B           SCUM PUMP STATION NO. 2         SCUM PUMP STATION NO. 2 LISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 FLOOR PLANS AND SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-51         SCUM PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M1         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         10/11/2024         EWP ISSUED FOR B						EWP ISSUED FOR BID
SCUM PUMP STATION NO. 2         SOUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 FLOOR PLANS AND SECTIONS         0         10/11/2024         EWP ISSUED FOR B           RAS/WAS PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M1         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 FLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4<			-			
SPS-M1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-M2         SCUM PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-S1         SCUM PUMP STATION NO. 2 ISOMETRIC         0         10/11/2024         IEVP ISSUED FOR B           RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M1         RAS/WAS PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 SOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 1 SECTIONS						
SPS-M2         SCUM PUMP STATION NO. 2 FLOOR PLANS AND SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           SPS-51         SCUM PUMP STATION FOUNDATION AND TOP PLANS AND SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RAS/WAS PUMP STATION         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-51         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B           RPS-52         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B           <			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 B           RPS-M1         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B						EWP ISSUED FOR BID
RAS/WAS PUMP STATIONS         EWP ISSUED FOR B           RPS-M1         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/	SPS-S1	SCUM PUMP STATION FOUNDATION AND TOP PLANS AND SECTION	0			EWP ISSUED FOR BID
RPS-M1         RAS/WAS PUMP STATION NO. 1 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M2         RAS/WAS PUMP STATION NO. 1 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 SCOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 ECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 2 ECTIONS         0         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 2 ECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         I0/11/2024         EWP ISSUED FOR B           RPS-S4					, ,	
RPS-M2         RAS/WAS PUMP STATION NO. 1 PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M3         RAS/WAS PUMP STATION NO. 1 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M4         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         EWP ISSUED FOR B           FILTENS FUNCTORY			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 B           RPS-M4         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M5         RAS/WAS PUMP STATION NO. 2 ISOMETRIC         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN         0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           RFETHY         ILI-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC RACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B	RPS-M2		0			EWP ISSUED FOR BID
RPS-M5         RAS/WAS PUMP STATION NO. 2 FLOOR PLAN         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-M6         RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILT	RPS-M3	RAS/WAS PUMP STATION NO. 1 SECTIONS	0	8/9/2024		EWP ISSUED FOR BID
RPS-M6         RAS/WAS PUMP STATION NO. 2 SECTIONS         0         8/9/2024         10/11/2024         EWP ISSUED FOR B           RPS-S1         RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           TERTIARY FILTERS         RIL-MA         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B	RPS-M4	RAS/WAS PUMP STATION NO. 2 ISOMETRIC	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 B           RPS-S2         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RTITARY FILTERS         N         0         10/11/2024         EWP ISSUED FOR B         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS II	RPS-M5	RAS/WAS PUMP STATION NO. 2 FLOOR PLAN	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         IO/11/2024         EWP ISSUED FOR B           RPS-S2         RAS/WAS PUMP STATION NO. 1 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S3         RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           TERTIARY FILTERS          0         10/11/2024         IO/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS II         0 </td <td>RPS-M6</td> <td>RAS/WAS PUMP STATION NO. 2 SECTIIONS</td> <td>0</td> <td>8/9/2024</td> <td>10/11/2024</td> <td>EWP ISSUED FOR BID</td>	RPS-M6	RAS/WAS PUMP STATION NO. 2 SECTIIONS	0	8/9/2024	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 B           RPS-S4         RAS/WAS PUMP STATION NO. 2 SECTION         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           TERTIARY FILTERS         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS FLOOR PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           VD DISINFECTION SUDD PLAN         0         10/11/2024         ISSUED FOR B         ISSUED FOR B           VDV DISINFECTION SOMETRIC FRONT         0         10/11/2024         ISSUED FOR B	RPS-S1	RAS/WAS PUMP STATION NO. 1 FOUNDATION PLAN	0		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 B           TERTIARY FILTERS         5         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M1         FILTERS ISOMETRIC FRONT         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS FLOOR PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         EWP ISSUED FOR B           UV D-M11         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	RPS-S2	RAS/WAS PUMP STATION NO. 1 SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
TERTIARY FILTERS           FIL-M1         FILTERS ISOMETRIC FRONT         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS FLOOR PLAN         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION         EV         0         10/11/2024         EWP ISSUED FOR B           UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/20	RPS-S3	RAS/WAS PUMP STATION NO. 2 FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M1         FILTERS ISOMETRIC FRONT         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M2         FILTERS ISOMETRIC BACK         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS FLOOR PLAN         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS I         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS SECTIONS II         0         \$/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS FOUNDATION PLAN         0         10/11/2024         ID/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS I         0         10/11/2024         ID/11/2024         EWP ISSUED FOR B           UV DISINFECTION         VVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M1         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0	RPS-S4	RAS/WAS PUMP STATION NO. 2 SECTION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
FIL-M2         FILTERS ISOMETRIC BACK         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M3         FILTERS FLOOR PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS II         0         10/11/2024         EWP ISSUED FOR B           VD-S100         FILTERS SECTION PLAN         0         10/11/2024         EWP ISSUED FOR B           VV DISINFECTION         VVD DATION PLAN         0         10/11/2024         EWP ISSUED FOR B           UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	TERTIARY FILTERS					
FIL-M3         FILTERS FLOOR PLAN         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M4         FILTERS SECTIONS I         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION         VVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II <td< td=""><td>FIL-M1</td><td>FILTERS ISOMETRIC FRONT</td><td>0</td><td>5/31/2024</td><td>10/11/2024</td><td>EWP ISSUED FOR BID</td></td<>	FIL-M1	FILTERS ISOMETRIC FRONT	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 B           FIL-M5         FILTERS SECTIONS II         0         5/31/2024         10/11/2024         EWP ISSUED FOR B           FIL-M5         FILTERS SECTIONS II         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           FIL-S1         FILTERS FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION         VVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-M2	FILTERS ISOMETRIC BACK	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 B           FIL-S1         FILTERS FOUNDATION PLAN         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION           UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-M3	FILTERS FLOOR PLAN	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 B           FIL-S2         FILTERS SECTIONS         0         10/11/2024         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-M4	FILTERS SECTIONS I	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
FIL-S2         FILTERS SECTIONS         0         10/11/2024         EWP ISSUED FOR B           UV DISINFECTION         UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-M5	FILTERS SECTIONS II	0	5/31/2024	10/11/2024	EWP ISSUED FOR BID
UV DISINFECTION         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-S1	FILTERS FOUNDATION PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M1         UVD DISINFECTION ISOMETRIC FRONT         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	FIL-S2	FILTERS SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
UVD-M2         UVD DISINFECTION ISOMETRIC BACK         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	UV DISINFECTION					
UVD-M3         UVD DISINFECTION FLOOR PLANS         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M4         UVD DISINFECTION SECTION I         0         9/20/2024         10/11/2024         EWP ISSUED FOR B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	UVD-M1	UVD DISINFECTION ISOMETRIC FRONT	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 B           UVD-M5         UVD DISINFECTION SECTION II         0         9/20/2024         10/11/2024         EWP ISSUED FOR B	UVD-M2	UVD DISINFECTION ISOMETRIC BACK	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 B	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 B	UVD-S2	UVD DISINFECTION T/STRUCTURE PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



Current	Current Drawing Title	Rev	Drawing	Received	Set Name
Drawing No.			Date	Date	See Ruine
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 TH	CKENERS		-		
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
	DING 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
	ECEIVING STATION		40/44/2024	10/11/2024	
VRS-S1	RECEIVING STATION PLAN AND SECTIONS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
MCC-D BUILDING			40/44/2024	40/44/2024	
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	-	9/20/2024	10/11/2024	EWP ISSUED FOR BID
MCD-A2 MCD-A3	MCD-D BUILDING EXTERIOR ELEVATIONS & SECTIONS MCD-D BUILDING WALL SECTIONS	0	9/20/2024 9/20/2024	10/11/2024	EWP ISSUED FOR BID EWP ISSUED FOR BID
MCD-H1	MCD-D BUILDING WALL SECTIONS MCD-D BUILDING FLOOR PLAN	0	9/20/2024	10/11/2024 10/11/2024	EWP ISSUED FOR BID
ADMINISTRATION		0	9/20/2024	10/11/2024	EWF ISSUED FOR BID
ADB-S1	ADMINISTRATION BUILDING TOP PLAN	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
ADB-S1 ADB-S2	ADMINISTRATION BUILDING FOF FLAN	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 REFERENCE 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
	MENTATION DIAGRAMS		-, -, -	-, , -	
PI-1	LEGENDI	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
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Current	Current Drawing Title	Rev	Drawing	Received	Set Name
Drawing No.			Date	Date	
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 DETAIL	LS				
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
00 00					
SD-S4	STANDARD STRUCTURAL DETAILS IV	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID



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







Number	Description	Rev	Issued Date	Received Date	Set
DIVISION 00 - PR	OCUREMENT 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 - GE	NERAL REQUIREMENTS			<u>.</u>	
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
016400	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



Number	Description	Rev	Issued Date	Received Date	Set
DIVISION 00 - PR	OCUREMENT 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 - GE	NERAL REQUIREMENTS			<u>.</u>	
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
016400	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



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
<b>DIVISION 02 - EXI</b>	STING CONDITIONS			-	
02 41 00	DEMOLITION	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
019600	TEMPORARY BYPASS PUMPING	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
<b>DIVISION 03 - CO</b>	NCRETE				
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 - ME	TALS				
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
<b>DIVISION 06 - WO</b>	OD, 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
<b>DIVISION 07 - THE</b>	ERMAL 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 - OP	ENINGS				
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



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
<b>DIVISION 09 - FIN</b>					
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
099100	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
<b>DIVISION 10 - SP</b>	CIALTIES				
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
<b>DIVISION 13 - SP</b>	CIAL CONSTRUCTION	-			
13 34 19	METAL BUILDING SYSTEMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
<b>DIVISION 14 - CO</b>	NVEYING EQUIPMENT				
14 95 00	WINCHES	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
DIVISION 22 - PL	JMBING				
22 00 01	PLUMBING SYSTEMS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
<b>DIVISION 23 - HE</b>	ATING, 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
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Number	Description	Rev	Issued Date	Received Date	Set
<b>DIVISION 26 - EL</b>	ECTRICAL				
26 23 13	LOW VOLTAGE DISTRIBUTION TRANFORMERS	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
<b>DIVISION 31 - EA</b>	RTHWORK				
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
<b>DIVISION 33 - UT</b>	LITIES			-	
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
<b>DIVISION 40 - PR</b>	OCRESS 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



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 CABILING 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 - MA	TERIAL PROCESSING & HANDLING EQUIPMENT	;			
41 22 23.26	TROLLEY HOISTS	0	10/11/2024	10/11/2024	EWP ISSUED FOR BID
<b>DIVISION 43 - PRO</b>	DCESS 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 - PO	LUTION 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



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		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







### City of Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project

# **GMP 1 Assumptions and Clarifications**

Туре	Source (Location/Package)	GMP 1 Description
General	General	Natural Gas Generators will be supplied by the City.
		Schedule included in proposal only includes activities through the fabrication and
General	General	delivery of GMP1 equipment, based on lead times provided in supplier bid
		proposals.
	EWP1-01.04 EWP1-01.04 EWP1-01.04	Spec. Sec. 44 42 56.04, 1.04, D, Qty (4) NP-3171-095 Pump Tags (SP-ILS-01, SP-ILS-
Process Equipment		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. Spec. Sec. 44 42 56.04, 1.04, D, Qty (4) NP-3301.095- Pump Tags (SP-ILS-05, SP-ILS-
Brocoss Equipmont		06,) for Tomball EWP LS can meet 1B acceptance at 3,270 @75' TDH. pump will not
Process Equipment		meet 10 acceptance.
		Spec. Sec. 44 42 56.04, 2.03, H- cooling jacket is self-contained and does not have
Process Equipment		provisions for external cooling and flushing
	EWP1-01.05	Spec. Sec. 26 29 23.11, 1.06, A, calls for a 3-year warranty on the VFD. Please note
Process Equipment		that Headworks has offered a 1-year warranty for the Screen Compactor Panel per
		the equipment section.
		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
Process Equipment	EWP1-01.05	requirement, as the NEMA 7 enclosure is inherently designed for hazardous
		environments and does not require additional protection
		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
Process Equipment	EWP1-01.05	are utilizing smaller VFDs, we are taking exception to the ultra-low harmonic
riocess Equipment		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
		Spec. Sec. 43 11 17, 2.01.D – We have taken exception to the Hach SC4500
Process Equipment	EWP1-01.09	controller since it is suitable for 2 DO sensor inputs only. We have included a Hach
	EWP1-01.09	SC1000 controller which is capable of handling 3 DO sensors as per Section 43 11
		17, Point 2.05.E.
Process Equipment		Spec. Sec. 43 11 17, 2.03.H – Exception is taken to this item. This is provided as part
	EWP1-01.10	of the local controller. Electrical Exceptions - 26 29 13.19_2.05.I: Elapsed time meter is proposed as
Process Equipment		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
· ·	EWP1-01.11	44 42 56.05, 2.01.A- Single Disintegrator won't be provided as this pre-conditioning
Process Equipment		cutting device isn't utilized in municipal wastewater.



### City of Tomball South Wastewater Treatment Plant (TSWWTP) Expansion Project

# **GMP 1 Assumptions and Clarifications**

Туре	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.



