

City of Pflugerville



**Wilbarger Creek Regional Wastewater
Treatment Facility Phase 1**

Guaranteed Maximum Price (GMP) #1

September 20, 2023



RECORD OF AMENDMENT

Rev	Revision Description	Revision Date	Checker	Approver
0	GMP1 Proposal to CoP	9/20/23	T. Young	P. Bailey
1	Update to Address City Team 9/26/23 comments	10/5/23	T. Young	P. Bailey
2	Update to Address City Team 10/16/23 comments	10/18/23	T. Young	P. Bailey
3	Final Update to Address City Team 10/19/23 comments	10/24/23	T. Young	P. Bailey

**CURRENT REVISION
APPROVAL TO ISSUE**

Revision Description

Final GMP1 Proposal

Date

October 24, 2023

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 Vice President

PLW Waterworks, LLC

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

Cover Letter

October 24, 2023

Mr. Brandon Pritchett
Public Utility Director, City of Pflugerville
15500 Sun Light Near Way , Pflugerville, TX 78691

Re: City of Pflugerville – WCRWWTF Phase 1 Construction – Guaranteed Maximum Price Proposal #1

Dear Mr. Pritchett:

PLW Waterworks is pleased to submit our Guaranteed Maximum Price (GMP 1) Proposal for the initial phase of work, referred to as Early Work Packages, to construct the referenced project.

GMP #1 includes the following major work items:

- Procurement of process equipment, generator systems, switchgear, and motor control systems.
- Site Development Work to prepare the greenfield site for construction of treatment plant structures, which will commence in mid-2024.
- Installation of all structural drilled piers.
- Establishment of project management infrastructure and site logistics (trailers, power, water, utilities, etc.)
- General Conditions – Construction Management Personnel to directly manage the site works and project establishment activities from January 2, 2024 through July 31, 2024.

This GMP Proposal Includes:

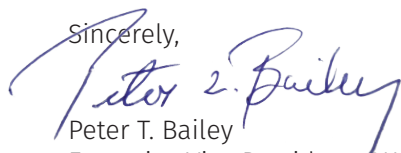
- Section 1 provides a full cost breakdown for all direct construction costs (Tier 1 subcontracts and purchase orders), general conditions cost summary, logistics cost summary, and summary of all allowance items.
- Section 2 provides a schedule summary of all GMP 1 work activities.
- Section 3 provides a summary of all plans, specifications, assumptions, and clarifications used to develop this GMP.

Based on our collaborative negotiations over the past few weeks, the following notable GMP assumptions are noted for clarity:

- GC labor will be billed based on actual time worked at the rates established in the City's contract with PLW.
- All allowances have been clearly defined in this proposal. Any funds included as allowances that are not used will be fully tracked as Project Savings to be used at the City's direction and discretion for the overall project. All unused funds are fully returned to the City at project completion prior to reconciling final project costs for Bonds & Insurance and CMAR Fee.
- All logistics costs will be tracked and billed on a "cost reimbursable" basis.
- PLW has the responsibility to provide complete and fully operational process systems. For all process equipment that has been selected and approved by the City, defined allowances may be used to cover cost overages. If additional costs are incurred, the City can approve additional amounts to be paid with the contingency funds.
- Bonds & Insurance and Contingency cost, as defined by contract, are 2.5% of Contract Value. If the final cost of work is lower than the GMP amount, then this cost would be adjusted accordingly.
- CMAR Fee, per the City's Contract with PLW, is calculated as a mark up on the total cost of work.

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

Sincerely,



Peter T. Bailey
Executive Vice President, PLW Waterworks, LLC



GUARANTEED MAXIMUM PRICE CONTENTS

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Exhibit C.3 – Assumptions and Clarifications

Section 1: Cost

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



City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Guaranteed Maximum Price 1 Proposal Cost Summary					
Purchase Phase	Bid Pkg	Description	PO / SA	Recommended Vendor	GMP Price
GMP 1	EWP1-01.01	Electrical Distribution Equipment - Design Changes	PO	T. Morales Company	\$ 102,537.00
GMP 1	EWP1-01.03	UV Disinfection System	PO	Trojan Technologies	\$ 698,130.00
GMP 1	EWP1-01.04	Synthetic Media Disk Filter	PO	Aqua-Aerobics / Hartwell	\$ 2,120,505.00
GMP 1	EWP2-01.01	Chemical Feed System	PO	Prominent/Blue-White / Macaulay Controls	\$ 483,770.00
GMP 1	EWP2-01.02	Fabricated Gates & Operators ²	PO	WACO Products / GlobalWET	\$ 1,072,329.00
GMP 1	EWP2-01.03	Filament-Wound FRP Tanks	PO	Midwestern Fabricators / Vision Equipment	\$ 110,000.00
GMP 1	EWP2-01.04	Process Valves (greater than 24")	PO	Municipal Valve	\$ 838,466.10
GMP 1	EWP2-09.01	Yard piping Critical Items	Self-Perform	PLW Waterworks	\$ 1,370,525.00
GMP 1	EWP2-09.01	Yard piping Critical Items - Trench Safety	Self-Perform	PLW Waterworks	\$ 22,541.00
GMP 1	EWP2-10.01	Submersible Pumps	PO	KSB / Pump Solutions	\$ 733,427.00
GMP 1	EWP2-12.01	Vortex Grit Removal Equipment and Grit Washer	PO	Huber Technology/ EI2	\$ 303,512.00
GMP 1	EWP2-12.02	Induced Flow (Recessed Impeller) Centrifugal Pumps	PO	Wemco/Trillium	\$ 66,712.00
GMP 1	EWP2-12.03	Mechanical Screen and Washer Compactor System ²	PO	Vulcan/HRM	\$ 543,800.00
GMP 1	EWP2-31.01	Submersible Mixers ²	PO	Xylem / Flygt	\$ 297,595.02
GMP 1	EWP2-31.02	Fine Bubble Fixed-Grid Aeration Equipment	PO	Aquarius Technologies / EI2	\$ 371,500.00
GMP 1	EWP2-31.03	Axial Flow Pumps	PO	Xylem / Flyght	\$ 193,634.10
GMP 1	EWP2-38.01	Blowers and Control System	PO	Gardner-Denver / Newman	\$ 2,130,160.47
GMP 1	EWP2-45.01	Spiral Type Clarifier Mechanisms and Weirs and Baffles	PO	ClearStream / Newman	\$ 1,608,312.00
GMP 1	EWP2-46.01-B	Self-Priming Centrifugal Pumps	PO	Gorman Rupp / Zone Industries	\$ 297,000.00
GMP 1	EWP2-53.01	UV Weir Troughs	PO	NEFCO / Newman	\$ 171,970.00
GMP 1	EWP2-55.01	Positive Displacement Blowers	PO	Universal Blower / EI2	\$ 83,376.00
GMP 1	EWP2-55.02	Supplemental Post Aeration System	PO	Environmental Dynamic International / Newman	\$ 62,400.00
GMP 1	EWP2-56.01	Non-Potable Water System - Vertical Turbine Pumps	PO	SIMFLO / Pump Solutions	\$ 212,586.00
GMP 1	EWP2-70.01	Jet Aeration System, recirculation pumps and blowers	PO	Mass Transfer Systems / Newman	\$ 475,300.00
GMP 1	EWP2-72.01	Centrifuge Equipment	PO	Flottweg / HRM	\$ 1,294,342.00
GMP 1	EWP3-01.01	SWPPP, Demolition and Site Preparation	SA	WPM Construction Services	\$ 6,089,400.00
GMP 1	EWP3-01.01	SWPPP, Demolition and Site Preparation - Trench Safety	SA	WPM Construction Services	\$ 2,400.00
GMP 1	EWP4-01.01	Drilled Piers Supply and install	SA	Beaird Drilling	\$ 4,318,805.00
GMP 1	Allowance 1	GMP1 Allowance	AL		\$ 1,703,550.00
GMP 1	GC	General Conditions	N/A		\$ 2,028,051.00
SUBTOTAL COST OF WORK					\$ 29,806,635.69
CONTRACTOR FEES					
		CMAR Fee	9.00%		\$ 3,472,245.87
		Bonds & Insurance	2.50%		\$ 1,106,651.46
		Contingency	2.50%		\$ 1,106,651.46
GMP1 SUBTOTAL					\$ 35,492,184.49
EWP1 01.01 Electrical Distribution Equipment Package ¹					\$ 7,106,645.00
EWP1 01.02 Generator ¹					\$ 1,667,229.00
Preconstruction Services ¹					\$ 1,502,344.00
Total Contract Value (Preconstruction + GMP1)					\$ 45,768,402.49

1 - Previously Approved by Council

2 - City Selected Vendor

Exhibit A.2 Cost Detail

Work Package 1-01.04

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Cloth Media Filter System | EWP1-01.04
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Cloth Media Filter System | EWP1-01.04
PLW Project #: P5K

Recommended Bidder: Aqua-Aerobics

This package was sole sourced to the below bidder per Sole Source Selection Letter dated December 13, 2022, and direction from the City of Pflugerville. As a sole source package, no additional companies were solicited to bid this scope of work to Furnish complete synthetic media disk filter systems (section 44 61 15) including all related equipment, material, accessories, and appurtenances for fully operational systems.

Three (3) companies (the named manufacturer and two (2) unsolicited alternates) fully submitted a bid on time.

Bidder 1: Aqua-Aerobics

The bidder was the only bidder that fully met scope and design requirements.

Bidder 2: GlobalWET (Manufacturer: Veolia)

The bidder was not scored since the bid did not comply with the scope of work for this package.

Bidder 3: Vision Equipment (Manufacturer: Beacon H20)

The bidder was not scored since the bid did not comply with the scope of work for this package.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP1_01.04 - Cloth Media Filter System Package | Spec. Sec. 44 61 15

Bid Tabulation	AquaAerobics		Veolia (Alternate)		Beacon H2O (Alternve)		Global Wet					
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
Synthetic Media Disk Filtration (Outside in Filtration) Complete System	1	LS	2,120,505.00	\$ 2,120,505.00	1,648,892	\$ 1,648,892	\$ 1,112,000.00	\$ 1,112,000.00		-		-
				\$ -		\$ -		\$ -		-		-
				\$ -		\$ -		\$ -		-		-
				\$ -		\$ -		\$ -		-		-
Total: Base Bid				\$ 2,120,505.00		\$ 1,648,892.00		\$ 1,112,000.00		-		-
	1	LS		\$ -		\$ -		\$ -		-		-
Total: Base Bid + Alt. 1				\$2,120,505.00		\$1,648,892.00		\$1,112,000.00		\$0.00		\$0.00
												0.00%
Submittals		WK	6-8	WK		WK		WK				
Fabrication & Delivery		WK	24-36	WK		WK		WK				
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N		Y		N				
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y		Y				
Agreed American Iron & Steel Req.	Y/N			N/A		N/A		N/A				
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y		Not properly answered				
Agreed to EPA Fair Share Policy	Y/N			Y		Y		Not properly answered				
% MWBE Participation	%			0%		0		0%				
Qualification Forms Submitted	Y/N			Y		Y		Y				
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y				

Ranking Tabulation		1	2	3		
Bid Item	Weight	AquaAerobics	Veolia (Alternate)	Beacon H2O (Alternve)		
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00	Not Scored	Not Scored		
Experience and Qualifications	15%	15.00	Not Scored	Not Scored		
Compliance with Proposal Terms and Conditions (See list above)	15%	13.00	Not Scored	Not Scored		
Total Points	100%	98.00	0.00	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	AquaAerobics
Contract Value:	\$2,120,505.00
Recommended By:	Triston Young, PLW Waterworks

Aqua Aerobics

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Cloth Media Filter System | EWP1-01.04

PLW Project #: P5K

SUMMARY:

Furnish complete synthetic media disk filter systems (section 44 61 15) including all related equipment, material, accessories, and appurtenances for fully operational systems, including but not necessarily limited to submittals, equipment delivery, labels, control panels, spare parts, start-up, balancing, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and Contract Documents. Some items are to be supplied by installing contractor per contract documents. Please see Section 11, AASI Scope of Supply drawings to help with this differentiation. Please also see Exceptions document following this form.

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

No. 1. <u>ADD</u>	No. 3	No. 5
No. 2. <u>ADD</u>	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Synthetic Media Disk Filtration (Outside in Filtration) Complete System	1	LS		\$2,120,505
	Total				\$2,120,505

Submittals: *	8-10 Weeks
Fabrication & Delivery: *	17-23 Weeks
*Weeks quoted are actual working weeks. 31-37 Weeks**	
**Control panel lead time based on supply chain delays.	

Additional Information:	
Have your firms Pre-Quals been submitted? (yes or no):	Y
% MWBE participation provided as a part of this bid: %	N/A

OWNER REQUIRED- Due to TWDB being the project funding source:	
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no):	Y
Agreed to American Iron & Steel Requirements of this Contract (yes or no):	Y
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no):	Y
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no):	Y

BIDDER NAME & SIGNATURE:
Angelica Davila Application Engineer Supervisor <i>Angelica Davila</i>

PLW TERMS & CONDITIONS:	
Agreed to PLW Terms and Conditions (yes or no):	N
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no)	N
If NO- Please attach a Request for Modifications to this bid. See Exceptions following this Form.	

TAXES: State and/or local taxes are not included in the price but will be charged unless we receive a valid sales exemption certificate, direct pay permit, or other documentation required specifically by the taxing entity prior to shipment.

Named Equipment Manufacturers:

Aqua Aerobics	
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All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name:	Aqua-Aerobic Systems, Inc.	Contact Name and Title:	Angelica Davila Application Engineer Supervisor
Contact Phone Number:	815-639-4563	Contact Email:	adavila@aqua-aerobic.com

Veolia

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Cloth Media Filter System | EWP1-01.04

PLW Project #: P5K

SUMMARY:

Furnish complete synthetic media disk filter systems (section 44 61 15) including all related equipment, material, accessories, and appurtenances for fully operational systems, including but not necessarily limited to submittals, equipment delivery, labels, control panels, spare parts, start-up, balancing, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and Contract Documents.

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

No. 1. <u>August 4, 2023</u>	No. 3	No. 5
No. 2. <u>August 16, 2023</u>	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Synthetic Media Disk Filtration (Outside in Filtration) Complete System	1	LS		\$1,648,892
	Total				\$1,648,892

Submittals:	<u>6 - 8</u> Weeks
Fabrication & Delivery:	<u>24 - 36</u> Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u> % MWBE participation provided as a part of this bid: % _____</p>
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<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u></p>

<p>BIDDER NAME & SIGNATURE: Global WET  o/b/o Joju Abraham</p>

<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>Yes</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____ If NO- Please attach a Request for Modifications to this bid.</p>

Named Equipment Manufacturers:

Aqua Aerobics	
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The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Global WET

Contact Name and Title: Joju Abraham, President

Contact Phone Number: 512-560-9952

Contact Email: jabraham@globalwet.com

Beacon Water Technologies

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Cloth Media Filter System | EWP1-01.04

PLW Project #: P5K

SUMMARY:

Furnish complete synthetic media disk filter systems (section 44 61 15) including all related equipment, material, accessories, and appurtenances for fully operational systems, including but not necessarily limited to submittals, equipment delivery, labels, control panels, spare parts, start-up, balancing, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and Contract Documents.

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

No. 1. August 4, 2023	No. 3	No. 5
No. 2. August 16, 2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Synthetic Media Disk Filtration (Outside in Filtration) Complete System	1	LS	\$1,112,000.00	\$1,112,000.00
Total					

Submittals:	10	Weeks
Fabrication & Delivery:	24	Weeks

Additional Information:	See info
Have your firms Pre-Quals been submitted? (yes or no): <u>included</u>	
% MWBE participation provided as a part of this bid: % <u>N/A</u>	

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): n/a
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): n/a
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): n/a

BIDDER NAME & SIGNATURE:
 Stuart F. Humphries


PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): no
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) no
 If NO- Please attach a Request for Modifications to this bid. **Terms & Conditions to be negotiated.**

Named Equipment Manufacturers:

Aqua Aerobics	
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Beacon Water Technologies LLC	
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All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

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The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Beacon Water Technologies Contact Name and Title: Stuart Humphries
 Contact Phone Number: (770) 880-0590 Contact Email: shumphries@beacoh2o.com

Work Package 2-01.01

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



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Chemical Feed System | EWP2-01.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Chemical Feed System | EWP2-01.01
PLW Project #: P5K

Recommended Bidder: Macaulay Controls

Twenty-four (24) companies were solicited to bid this scope of work to furnish all Chemical Feed System (section 44 44 20) material, equipment and accessories required.

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

Bidder 1: Macaulay Controls

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 Macaulay Controls based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Macaulay Controls for this package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_01.01 - Chemical Feed System | Spec. Sec. 44 44 20

Bid Tabulation	Macaulay Controls (WBE)											
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
Chemical Feed Pumps – Sodium Hypochlorite (601-MP-301, 601-MP-302, 601-MP-303, 601-MP-304) – Including Control Panels	4	EA	45,712.50	\$ 182,850.00		\$ -		\$ -		\$ -		\$ -
Chemical Feed Pumps – Aluminum Sulfate (602-MP-301, 602-MP-302, standby) – Including Control Panels	3	EA	50,990.00	\$ 152,970.00		\$ -		\$ -		\$ -		\$ -
Chemical Feed Pumps – Dewatering Polymer (721-PTP-101, 721-PTP-102) – Including Control Panels	2	EA	69,975.00	\$ 139,950.00		\$ -		\$ -		\$ -		\$ -
Manufacturer's Services	1	LS	8,000.00	\$ 8,000.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 483,770.00		\$ -		\$ -		\$ -		\$ -
	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alt. 1				\$483,770.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0.00%				0.00%
Submittals		WK		6 - 8								
Fabrication & Delivery		WK		10 - 12								
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N*								
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y								
Agreed American Iron & Steel Req.	Y/N			Y								
Agreed to Davis-Bacon Wage Rates	Y/N			Y								
Agreed to EPA Fair Share Policy	Y/N			Y								
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y								
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y								

*: Final terms to be negotiated

Ranking Tabulation		1			
Bid Item	Weight	Macaulay Controls (WBE)			
Total Base Bid (Lowest Price/Evaluated Proposal Price)					
x Points Available = Score	70%	70.00			
Experience and Qualifications	15%	15.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00			
Total Points	100%	95.00			

Date of Recommendation:	10/05/23
Recommended Vendor	Macaulay Controls (WBE)
Contract Value:	\$483,770.00
Recommended By:	Triston Young, PLW Waterworks

Macaulay Controls

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Chemical Feed System | EWP2-01.01

PLW Project #: P5K

SUMMARY:

Furnish all Chemical Feed System (section 44 44 20) material, equipment and accessories required for positive displacement chemical metering pumps, motors and coordinated control systems as hereinafter specified. The station shall be complete with pumps, motors, piping, valves, electrical work (including motor controls), structures, connections, and appurtenances, required for a fully operational system, including but not necessarily limited to submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>6/30/23</u> <i>JTA</i>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/23</u> <i>JTA</i>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Chemical Feed Pumps – Sodium Hypochlorite (601-MP-301, 601-MP-302, 601-MP-303, 601-MP-304) – Including Control Panels	4	EA	\$45,712. ⁰⁰	\$182,850. ⁰⁰
2	Chemical Feed Pumps – Aluminum Sulfate (602-MP-301, 602-MP-302, standby) – Including Control Panels	3	EA	\$50,990. ⁰⁰	\$152,970. ⁰⁰
3	Chemical Feed Pumps – Dewatering Polymer (721-PTP-101, 721-PTP-102) – Including Control Panels	2	EA	\$69,975. ⁰⁰	\$139,950. ⁰⁰
4	Manufacturer's Services	1	LS	\$8,000. ⁰⁰	\$8,000. ⁰⁰
Total					\$483,770.⁰⁰

Submittals: 6-8 Weeks
 Fabrication & Delivery: 10-12 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): N
 % MWBE participation provided as a part of this bid: % 0

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): ✓
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): ✓
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): ✓
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): ✓

Becky Roberts

SEE ATTACHED PRICED SCOPE FOR DETAILS

PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) NO

If NO- Please attach a Request for Modifications to this bid. YES

Named Equipment Manufacturers:

PROMINENT	BLUE WHITE
JACOBS	ASHEROFT

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name:

MACAULAY CONTROLS

Contact Name and Title:

JIM HOLLWAY - VP
JHOLLWAY@MACAULAY
CONTROLS.COM

Contact Phone Number:

713-299-4221

Contact Email:

PLW-Bid Form -PO

PLW # - Work Package EWP2_01.01

Rev. 05/2023

Work Package 2-01.02

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal
- » Bidder 4
 - Bid Form
 - Proposal
- » Bidder 5
 - Bid Form
 - Proposal
- » Bidder 6
 - Bid Form
 - Proposal
- » Bidder 7
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Gates| EWP2-01.02
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Gates & Operators | EWP2-01.02
PLW Project #: P5K

Selected Bidder: Global Wet

Based on feedback from the City of Pflugerville and the Engineer regarding technical compliance and preferences, the selected bidder is Global Wet.

Recommended Bidder: Vision Equipment

Twenty-five (25) companies were solicited to bid this scope of work to furnish fabricated slide and sluice gates (section 40 23 46) including required manual valve and gate operators (section 40 92 16) and motorized operators (section 40 92 13), material, equipment and accessories required.

Seven (7) companies fully submitted a bid on time.

Bidder 6: Vision Equipment (Manufacturer – Dynamic Gates)

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

Bidder 1: Fontaine Aquanox

This bidder was the highest in price and was non-compliant with proposal terms and conditions, thus received the lowest score on cost and considered tabulation.

Bidder 2: WwaterTech (Manufacturer – RW Gate)

This bidder was fourth lowest in price, however, received the maximum points for experience and qualifications, thus scored third based on considered tabulation.

Bidder 3: EI2 (Manufacturer – Rodney Hunt)

This bidder was fifth lowest in price and was ranked fifth on cost and considered tabulation.

Bidder 4: Golden Harvest



This bidder was the third lowest in price, , however, did not receive maximum points for experience and qualifications, thus scored fourth based on considered tabulation

Bidder 5: Global Wet (Manufacturer – Waco Products)

This bidder was second lowest in price and was ranked second on cost and considered tabulation.

Bidder 7: Whipps

This bidder was the second highest, thus received the second lowest score on cost and considered tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_01.02 - Gates & Operators | Spec. Sec. 40 23 46, 40 92 16, 40 92 13

Bid Tabulation			Fontaine Aquanox		RW Gate		Rodney Hunt		Golden Harvest (Alternate)		Waco Products		Dynamic Gates (Alternate)		Whipps	
			BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5		BIDDER 6	
Bid Item	Units	UOM	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals
Influent Pump Station	1	EA	477,542.00	\$ 477,542.00		\$ -		\$ -	62,175	\$ 435,225.00			Varies	\$ 193,826.00	\$ 76,787.14	\$ 537,510.00
Headworks	1	EA	454,312.00	\$ 454,312.00		\$ -		\$ -	24,425	\$ 293,100.00			Varies	\$ 235,516.00	\$ 31,066.75	\$ 372,801.00
Aeration Basin Inlet	1	EA	90,289.00	\$ 90,289.00		\$ -		\$ -	12,225	\$ 24,450.00			Varies	\$ 54,482.00	\$ 19,284.50	\$ 38,569.00
Internal Mixed Liquor Recycle	1	EA		\$ -		\$ -		\$ -	11,050	\$ 22,100.00				\$ 33,999.00	\$ 16,999.50	\$ 33,999.00
MLSS Splitter Box	1	EA	79,030.00	\$ 79,030.00		\$ -		\$ -	12,575	\$ 50,300.00			Varies	\$ 48,208.00	\$ 21,424.25	\$ 85,697.00
Secondary Clarifiers	1	EA	40,891.00	\$ 40,891.00		\$ -		\$ -	12,975	\$ 25,950.00			Varies	\$ 19,614.00	\$ 18,811.50	\$ 37,623.00
UV Disinfection	1	EA	120,667.00	\$ 120,667.00		\$ -		\$ -	16,275	\$ 81,375.00			Varies	\$ 83,315.00	\$ 27,107.20	\$ 135,536.00
Effluent Facility	1	EA	283,826.00	\$ 283,826.00		\$ -		\$ -	17,000	\$ 119,000.00			Varies	\$ 125,986.00	\$ 29,937.43	\$ 209,562.00
NPW Pump Station Inlet	1	EA	11,917.00	\$ 11,917.00		\$ -		\$ -	7,025	\$ 7,025.00				\$ 15,844.00	\$ 15,844.00	\$ 15,844.00
Filter Inlet	1	EA	53,716.00	\$ 53,716.00		\$ -		\$ -	9,350	\$ 28,050.00			12,879	\$ 38,637.00	\$ 20,581.33	\$ 61,744.00
Manufacturer's Services	1	LS	11,945.00	\$ 11,945.00		\$ -		\$ -	6,500.00	\$ 6,500.00						\$ -
				\$ -		\$ -		\$ -		\$ -						\$ -
Total: Base Bid				\$ 1,624,135.00	1,124,000.00	\$ 1,124,000.00	\$ 1,336,950.00	\$ 1,336,950.00		\$ 1,093,075.00		\$ 1,072,329.00		\$ 849,427.00		\$ 1,528,885.00
Total: Base Bid + Alt. 1				\$ 1,624,135.00	\$ 1,124,000.00	\$ 1,124,000.00	\$ 1,336,950.00	\$ 1,336,950.00		\$ 1,093,075.00		\$ 1,072,329.00		\$ 849,427.00		\$ 1,528,885.00
% Variance from Low Bid				91%	32.32%	57.39%	28.68%	26.24%	0.00%	79.99%						
Submittals		WK		4 to 6	4 to 6			14 to 16	4 to 6							
Fabrication & Delivery (Gates)		WK		16 to 18	14 to 18			14 to 16	18 to 20							
Fabrication & Delivery (Electric Actuators)		WK		32 to 36	32 to 36			28 to 30								
Proposal Terms and Conditions:																
Agreed to PLW T&C	Y/N			N	Y	Y	Y	Y	Y	N	Y					
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y	Y	Y	Y	Y	Y	Y	Y					
Agreed American Iron & Steel Req.	Y/N			Y	Y	Y	Y	Y	Y	Y	Y					
Agreed to Davis-Bacon Wage Rates	Y/N			NA	Y	Y	Y	Y	Y	Y	Y					
Agreed to EPA Fair Share Policy	Y/N			Y	Y	Y	Y	Y	Y	Y	Y					
% MWBE Participation	%									Y	Y					
Qualification Forms Submitted	Y/N			Y	Y	0	Y	Y	Y	0%	Y					
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y	Y	Y	Y	Y	Y	Y	Y					

Ranking Tabulation		1	2	3	4	5	6	7
Bid Item	Weight	Fontaine Aquanox	RW Gate	Rodney Hunt	Golden Harvest (Alternate)	Waco Products	Dynamic Gates (Alternate)	Whipps
Total Base Bid (Lowest Price/Evaluated Proposal Price)								
x Points Available = Score	70%	36.61	52.90	44.47	54.40	55.45	70.00	38.89
Experience and Qualifications	15%	15.00	15.00	15.00	5.00	15.00	5.00	15.00
Compliance with Proposal Terms and Conditions (See list above)	15%	0.00	13.00	15.00	15.00	15.00	13.00	15.00
Total Points	100%	51.61	80.90	74.47	74.40	85.45	88.00	68.89

Date of Recommendation:	10/05/23
Recommended Vendor	Dynamic Gates (Alternate)
Contract Value:	\$849,427.00
Recommended By:	Triston Young, PLW Waterworks

Dynamic Gates

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. August 4, 2023	No. 3	No. 5
No. 2. August 16, 2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station	7	EA	Varies	\$193,826.00/lot
2	Headworks	12	EA	Varies	\$235,516.00/lot
3	Aeration Basin Inlet	4	EA	Varies	\$54,482.00/lot
4	Internal Mixed Liquor Recycle	N/A	EA	N/A	N/A
5	MLSS Splitter Box	4	EA	Varies	\$48,208.00/lot
6	Secondary Clarifiers	2	EA	Varies	\$19,614.00/lot
7	UV Disinfection	5	EA	Varies	\$83,315.00/lot
8	Effluent Facility	7	EA	Varies	\$125,986.00/lot
9	NPW Pump Station Inlet	N/A	EA	N/A	N/A
10	Filter Inlet	3	EA	\$12,879.00	\$38,637.00/lot
11	Manufacturer's Services	1	LS	\$5000.00	\$5000.00/lot
	Total				\$804,584.00/lot

Submittals:	4-6 Weeks
Fabrication & Delivery:	18-20 Weeks

Additional Information:	
Have your firms Pre-Quals been submitted? (yes or no):	Y
% MWBE participation provided as a part of this bid: %	N/A

OWNER REQUIRED- Due to TWDB being the project funding source:	
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no):	Y
Agreed to American Iron & Steel Requirements of this Contract (yes or no):	Y
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no):	Y

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Y



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) N

If NO- Please attach a Request for Modifications to this bid.

No holdbacks longer than 75 days (5% owners acceptance).

Named Equipment Manufacturers:

Dynamic Water Control Gates Inc	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Dynamic Water Control Gates Inc Contact Name and Title: Chris Quinn / VP
Contact Phone Number: 514-630-1588 Contact Email: cquinn@dynamicsslidegates.com

Fontaine Aquanox

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. August 4, 2023 <u> </u>	No. 3 <u> </u>	No. 5 <u> </u>
No. 2. August 16, 2023 <u> </u>	No. 4 <u> </u>	No. 6 <u> </u>

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station		EA	477 542	477 542
2	Headworks		EA	454 312	454 312
3	Aeration Basin Inlet		EA	90 289	90 289
4	Internal Mixed Liquor Recycle		EA	N/A	N/A
5	MLSS Splitter Box		EA	79 030	79 030
6	Secondary Clarifiers		EA	40 891	40 891
7	UV Disinfection		EA	120 667	120 667
8	Effluent Facility		EA	283 826	283 826
9	NPW Pump Station Inlet		EA	11 917	11 917
10	Filter Inlet		EA	53 716	53 716
11	Manufacturer's Services	1	LS	11 945	11 945
	Total			1 624 144	1 624 144

Submittals:	4 - 6 Weeks
Fabrication & Delivery:	16 - 18 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Attached</u>
% MWBE participation provided as a part of this bid: % <u>N/A</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>N/A</u>

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

Global WET
Daytha Rogers
o/b/o Joju Abraham

PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): Yes
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Waco Products	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Fontaine-Aquanox

Contact Name and Title: José Luis Estévez/Sales Rep.

Contact Phone Number: 819-769-0157

Contact Email: jose.estevez@iseaquanox.com

RW Gate

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. <u>08/07/2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>08/16/2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station		EA		
2	Headworks		EA		
3	Aeration Basin Inlet		EA		
4	Internal Mixed Liquor Recycle		EA		
5	MLSS Splitter Box		EA		
6	Secondary Clarifiers		EA		
7	UV Disinfection		EA		
8	Effluent Facility		EA		
9	NPW Pump Station Inlet		EA		
10	Filter Inlet		EA		
11	Manufacturer's Services	1	LS		
	Total				\$1,124,000.00

Submittals: <u>4-6</u> Weeks
Fabrication & Delivery: <u>14-18</u> Weeks
Electric Actuators 32-36 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>yes</u>
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>yes</u>

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): _____



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

RW Gate	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: RW Gate via WWaterTech Contact Name and Title: Wes Holt - Salesman

Contact Phone Number: (713) 253-9253 Contact Email: wholt@wwatertechinc.com

Rodney Hunt

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. <u>Acknowledged</u>	No. 3. <u>Not applicable</u>	No. 5. <u>Not applicable</u>
No. 2. <u>Acknowledged</u>	No. 4. <u>Not applicable</u>	No. 6. <u>Not applicable</u>

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station		EA		
2	Headworks		EA		
3	Aeration Basin Inlet		EA		
4	Internal Mixed Liquor Recycle		EA		
5	MLSS Splitter Box		EA		
6	Secondary Clarifiers		EA		
7	UV Disinfection		EA		
8	Effluent Facility		EA		
9	NPW Pump Station Inlet		EA		
10	Filter Inlet		EA		
11	Manufacturer's Services	<u>1</u>	LS		
	Total	45			\$1,336,950.00

Submittals:	<u>8</u> Weeks
Fabrication & Delivery:	<u>34</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): _____
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u>

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Jash USA dba Rodney Hunt	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Rodney Hunt

Contact Name and Title: Ranjit Nair, President

Contact Phone Number: 281-962-6364

Contact Email: rnair@rodneyhunt.com

Golden Harvest

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. Dated 08.04.2023	No. 3	No. 5
No. 2. Dated 08.15.2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station	7	EA		\$435,225.00
2	Headworks	12	EA		\$293,100.00
3	Aeration Basin Inlet	2	EA		\$24,450.00
4	Internal Mixed Liquor Recycle	2	EA		\$22,100.00
5	MLSS Splitter Box	4	EA		\$50,300.00
6	Secondary Clarifiers	2	EA		\$25,950.00
7	UV Disinfection	5	EA		\$81,375.00
8	Effluent Facility	7	EA		\$119,000.00
9	NPW Pump Station Inlet	1	EA	\$7,025.00	\$7,025.00
10	Filter Inlet	3	EA		\$28,050.00
11	Manufacturer's Services	1	LS		\$6,500.00
	Total				\$1,093,075.00

Submittals:	3-5 Weeks
Fabrication & Delivery:	14-20 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u> </u>
% MWBE participation provided as a part of this bid: % <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>yes</u>

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Golden Harvest Inc.	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Golden Harvest Inc. Contact Name and Title: David Wise
Contact Phone Number: (360) 757-4334 Contact Email: davidw@goldenharvestinc.com

Waco Products

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. <u>August 4, 2023</u>	No. 3. _____	No. 5. _____
No. 2. <u>August 16, 2023</u>	No. 4. _____	No. 6. _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station	7	EA		
2	Headworks	12	EA		
3	Aeration Basin Inlet	4	EA		
4	Internal Mixed Liquor Recycle	2	EA		
5	MLSS Splitter Box	4	EA		
6	Secondary Clarifiers	2	EA		
7	UV Disinfection	5	EA		
8	Effluent Facility	7	EA		
9	NPW Pump Station Inlet	1	EA		
10	Filter Inlet	3	EA		
11	Manufacturer's Services	1	LS		\$7,750.00
	Total				\$1,072,329.00

Submittals:	<u>14 - 16</u> Weeks
Fabrication & Delivery:	<u>14 - 16</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u>
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u>

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

Global WET
Daytha Rogers
o/b/o Joju Abraham

PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Waco Products	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract TeamCMAR right to reject the Bid of any Bidder if the Contract Team believes thaCMARt 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of thCMAREther 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Global WET

Contact Name and Title: Joju Abraham, President

Contact Phone Number: 512-560-9952

Contact Email: jabraham@globalwet.com

Whipps

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Gates & Operators | EWP2-01.02

PLW Project #: P5K

SUMMARY:

Furnish Fabricated Slide and Sluice Gates (section 40 23 46) including required Manual Valve and Gate Operators (section 40 92 16) and Motorized Operators (section 40 92 13), all related material, equipment, and appurtenances for a fully operational system, including but not necessarily limited submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. <u>8/4/23 G.B.</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/23 G.B.</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Pump Station	7	EA	N/A	\$537,510
2	Headworks	12	EA	N/A	\$372,801
3	Aeration Basin Inlet	2	EA	N/A	\$38,569
4	Internal Mixed Liquor Recycle	2	EA	N/A	\$33,999
5	MLSS Splitter Box	4	EA	N/A	\$85,697
6	Secondary Clarifiers	2	EA	N/A	\$37,623
7	UV Disinfection	5	EA	N/A	\$135,536
8	Effluent Facility	7	EA	N/A	\$209,562
9	NPW Pump Station Inlet	1	EA	N/A	\$15,844
10	Filter Inlet	3	EA	N/A	\$61,744
11	Manufacturer's Services	1	LS		Divided into gates
Total					\$1,526,885

Submittals: 8-10 Weeks
 Fabrication & Delivery: 36-42 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): G.B.
 % MWBE participation provided as a part of this bid: % na

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): G.B.
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): G.B.
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): _____

"Whipps Inc is 100% owned by Women"

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): G.B.



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) G.B.

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

<u>Whipps Inc.</u>	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract Team CMAR right to reject the Bid of any Bidder if the Contract Team believes that CMAR 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 Contract Team. In evaluating Bids, the CMAR will consider the qualifications of the CMAR either 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.

The following criteria will be used in the evaluation process when selecting Bidders.

Bid Evaluation Criteria:

Weighting Value

Cost Proposal

- Complete Bid Package Cost
(Lowest Price/Evaluated Proposal Price) x Points Available = Score

70 Points

Technical Proposal

- Experience and Qualifications *(Complete Attachment I)*

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

Company Name:

Whipps Inc

Contact Name and Title:

^{Sales}
Garrick Bassett

Contact Phone Number:

978-249-7924

Contact Email:

GarrickB@Whipps.com

Work Package 2-01.03

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



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Filament-Wound FRP Tanks | EWP2-01.03
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Filament-Wound FRP Tanks | EWP2-01.03
PLW Project #: P5K

Recommended Bidder: Midwestern Fabricators

Twenty-five (25) companies were solicited to bid this scope of work to and install complete, the Filament-Wound Fiberglass Reinforced Plastic (FRP) tanks including all related equipment, (section 43 41 16) material, and appurtenances and accessories required.

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

Bidder 1: Midwestern Fabricators (Alternate)

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 Midwestern Fabricators based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Midwestern Fabricators for this package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_01.03 - Filament-Wound FRP Tanks | Spec. Sec. 43 41 16

Bid Tabulation												
Midwestern Fabricators (Alternate)												
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
Storage Tank No.1 - Sodium Hypochlorite	1	EA	16,500.00	\$ 16,500.00		\$ -		\$ -		\$ -		\$ -
Storage Tank No.2 – Aluminum Sulfate	1	EA	53,625.00	\$ 53,625.00		\$ -		\$ -		\$ -		\$ -
Storage Tank No.3 – Dewatering Polymer	1	EA	28,875.00	\$ 28,875.00		\$ -		\$ -		\$ -		\$ -
Storage Tank No.4 – Dewatering Polymer	1	EA	11,000.00	\$ 11,000.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 110,000.00		\$ -		\$ -		\$ -		\$ -
	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alt. 1				\$110,000.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0.00%		0.00%		0.00%
Submittals		WK	4	WK								
Fabrication & Delivery		WK	19	WK								
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N								
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y								
Agreed American Iron & Steel Req.	Y/N			N/A								
Agreed to Davis-Bacon Wage Rates	Y/N			Y								
Agreed to EPA Fair Share Policy	Y/N			Y								
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y								
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y								

Ranking Tabulation		1				
Bid Item	Weight	Midwestern Fabricators (Alternate)				
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	70.00				
Experience and Qualifications	15%	0.00				
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00				
Total Points	100%	85.00	0.00	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	Midwestern Fabricators (Alternate)
Contract Value:	\$110,000.00
Recommended By:	Triston Young, PLW Waterworks

Midwestern Fabricators

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Filament-Wound FRP Tanks | EWP2-01.03

PLW Project #: P5K

SUMMARY:

Furnish complete Filament-Wound Fiberglass Reinforced Plastic (FRP) tanks (section 43 41 16) including all related equipment, material and appurtenances required for a fully operational system, including but not necessarily limited to submittals, equipment delivery, labels, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents.

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

No. 1. _____	No. 3 _____	No. 5 _____
No. 2. _____	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Storage Tank No.1 - Sodium Hypochlorite	1	EA		
2	Storage Tank No.2 – Aluminum Sulfate	1	EA		
3	Storage Tank No.3 – Dewatering Polymer	1	EA		
4	Storage Tank No.4 – Dewatering Polymer	1	Ea		
	Total				

Submittals: _____ Weeks
Fabrication & Delivery: _____ Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____</p>

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): _____ Agreed to American Iron & Steel Requirements of this Contract (yes or no): _____ Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): _____ Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): _____</p>

<p><u>BIDDER NAME & SIGNATURE:</u></p>

<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): _____ If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____ If NO- Please attach a Request for Modifications to this bid.</p>
--

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: _____

Contact Name and Title: _____

Contact Phone Number: _____

Contact Email: _____

Work Package 2-01.04

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal
- » Bidder 4
 - Bid Form
 - Proposal
- » Bidder 5
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Valves | EWP2-01.04
PLW Project #: P5K

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

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Valves | EWP2-01.04
PLW Project #: P5K

Recommended Bidder: Municipal Valve

Twenty (20) companies were solicited to bid this scope of work to furnish all Process Valves (24" and greater) (section 44 23 43 and 40 05 36.13) material, equipment and accessories required.

Five (5) companies fully submitted a bid on time.

Bidder 2: Municipal Valve

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

Bidder 1: Core & Main

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

Bidder 3: J&S

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

Bidder 4: KLP/EI2

This bidder is considered non-responsive.

Bidder 5: Ferguson

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



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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_01.04 - Process Valves (24" and greater) | Spec. Sec. 40 23 43 & 40 05 36.13

Bid Tabulation											
		Core & Main		Municipal Valve		J&S		KLP/Ei2		Ferguson	
BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price
Influent Lift Station Plug Valves	1	LS	6 @ 34,000.00	\$ 204,000.00	6 @ 23,661.45	\$ 141,968.70	6 @ 32,871.00	\$ 197,226.00	\$ -	6 @ 28,019.75	\$ 168,119.00
Influent Lift Station Check Valves	1	LS	3 @ 26,000.00	\$ 78,000.00	3 @ 37454.40	\$ 112,363.20	3 @ 43,494.00	\$ 130,482.00	\$ -	3 @ 31,116.70	\$ 93,350.00
Headworks Plug Valve	1	LS	2 @ 72,000.00	\$ 144,000.00	2 @ 78,980.40	\$ 157,960.80	2 @ 71,444.00	\$ 142,888.00	\$ -	2 @ 99,728.00	\$ 199,456.00
Aeration Basin 1&2 - Base Bid - Check Valves	1	LS	4 @ 46,000.00	\$ 184,000.00	4 @ 30,172.50	\$ 120,690.00	4 @ 44,358.00	\$ 177,432.00	\$ -	4 @ 41,927.85	\$ 167,711.00
Aeration Basin 1&2 - Base Bid - Plug Valves	1	LS	4 @ 34,000.00	\$ 136,000.00	8 @ \$23,661.45	\$ 189,291.60	4 @ 32,871.00	\$ 131,484.00	\$ -	4 @ 28,019.75	\$ 112,079.00
Aeration Basin Butterfly Valve	1	LS	\$ 32,000.00	\$ 32,000.00	\$ 33,841.80	\$ 33,841.80	\$ 18,486.00	\$ 18,486.00	\$ -	1 @ 40,531.75	\$ 40,532.00
Aeration Blower Facility Butterfly Valve	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 55,347.30	\$ 55,347.30	\$ 18,486.00	\$ 18,486.00	\$ -	1 @ 27,203.25	\$ 27,203.00
Manufacturer's Services	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 1,500.15	\$ 27,002.70		\$ -	\$ -		
Total: Base Bid				\$ 833,000.00		\$ 838,466.10		\$ 816,484.00	\$ 962,882.64	\$ 962,882.64	\$ 808,450.00
Normalization	1	LS		\$ 136,000.00				\$ 140,784.00			\$ 122,429.00
Normalized Total:				\$969,000.00		\$838,466.10		\$957,268.00	TBD		\$930,879.00
Alt 1 - Aeration Basin 1&2 - Credit Check Valves	1	LS	\$ (320,000.00)	\$ (320,000.00)	\$ (120,690.00)	\$ (120,690.00)	\$ (177,432.00)	\$ (177,432.00)	\$ -	\$ (167,711.00)	\$ (167,711.00)
Alt 12- Aeration Basin 1&2 - Credit Plug Valves	1	LS		\$ -	\$ (189,291.00)	\$ (189,291.00)	\$ (131,484.00)	\$ (131,484.00)	\$ -	\$ (112,079.00)	\$ (112,079.00)
Total: Normalized Bid + Alt. 1 & 2				\$649,000.00		\$528,485.10		\$648,352.00	TBD		\$651,089.00
% Variance from Low Bid				23%		0.00%		22.80%			22.80%
Submittals		WK		4 to 8		2 to 4		1 to 2			4
Fabrication & Delivery		WK		22 to 28		26 to 30		18 to 20			4 to 99 weeks
Proposal Terms and Conditions:											
Agreed to PLW T&C	Y/N			Y		Y					Y
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y			Y		Y
Agreed American Iron & Steel Req.	Y/N			Y		Y			Y		Y
Agreed to Davis-Bacon Wage Rates	Y/N			NA		NA			Y		NA
Agreed to EPA Fair Share Policy	Y/N			Y		Y			Y		Y
% MWBE Participation	%			0%		0%			100%		0%
Qualification Forms Submitted	Y/N			Y		Y			Y		Y
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y					Y

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Core & Main	Municipal Valve	J&S	KLP/Ei2	Ferguson
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	57.00	70.00	57.06	38.42	56.82
Experience and Qualifications	15%	15.00	10.00	10.00	5.00	13.00
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	15.00	15.00	15.00	15.00
Total Points	100%	87.00	95.00	82.06	58.42	84.82

Date of Recommendation:	10/05/23
Recommended Vendor	Municipal Valve
Contract Value:	\$838,466.10
Recommended By:	Triston Young, PLW Waterworks

1) DeZurik.

Bid Cost Normalization

#	Description	Bidder 1	Bidder 2	Bidder 3	Bidder 4	Bidder 5	Notes
1	Manufacturer's Services	\$ -	\$ -	\$ 9,300.00	\$ -	\$ 10,350.00	
2	Aeration Basin 1&2 - Plug Valves - Qty 4	\$ 136,000.00	\$ -	\$ 131,484.00	\$ -	\$ 112,079.00	
3		\$ -	\$ -	\$ -	\$ -	\$ -	
4		\$ -	\$ -	\$ -	\$ -	\$ -	
5		\$ -	\$ -	\$ -	\$ -	\$ -	
6		\$ -	\$ -	\$ -	\$ -	\$ -	
7		\$ -	\$ -	\$ -	\$ -	\$ -	
8		\$ -	\$ -	\$ -	\$ -	\$ -	
9		\$ -	\$ -	\$ -	\$ -	\$ -	
10		\$ -	\$ -	\$ -	\$ -	\$ -	
	TOTAL	\$ 136,000.00	\$ -	\$ 140,784.00	\$ -	\$ 122,429.00	

Municipal Valve

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Process Valves (24" and greater) | EWP2-01.04

PLW Project #: P5K

SUMMARY:

Furnish and deliver all required process valves 24" and greater (section 40 23 43 and 40 05 36.13), and appurtenances for a fully operational system, including but not necessarily limited submittals, delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and contract documents. Any facility not listed in the table below should be added by Bidder.

Per the instruction above in RED, Municipal Valve and Equipment has added BID ITEM #9. We amended this sheet to ensure that PLW gets all 24-in valves and larger.

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

No. 1. <u>AUGUST 4, 2023 - BO</u>	No. 3. <u>SLC</u>	No. 5. _____
No. 2. <u>AUGUST 15, 2023 - BO</u>	No. 4. <u>SLC</u>	No. 6. _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Lift Station Plug Valves	1	LS	\$23,661.45	\$141,968.70
2	Influent Lift Station Check Valves	1	LS	\$37,454.40	\$112,363.20
3	Headworks Plug Valve	1	LS	\$78,980.40	\$157,960.80
4	Aeration Basin 1&2 - Base Bid - Check Valves	1	LS	\$30,172.50	\$120,690.00
5	Aeration Basin 1&2- Credit Bid - Check Valves	1	LS	\$30,172.50	\$120,690.00
6	Aeration Basin Butterfly valve	1	LS	\$33,841.80	\$33,841.80
7	Aeration Blower Facility Butterfly valve	1	LS	\$55,347.30	\$55,347.30
8	Manufacturer's Services	1 (per spec)	LS	\$1,500.15	\$27,002.70
9	<u>24" Plug Valves at Aeration Basins</u>	1	LS	<u>\$23,661.45</u>	<u>\$189,291.60</u>
Total					\$959,156.10

Submittals: <u>2-4</u> Weeks Fabrication & Delivery: <u>26-30</u> Weeks	Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>attached</u> % MWBE participation provided as a part of this bid: <u>0</u> %
--	---

Named Equipment Manufacturers:

CRISPIN and/or ValMatic –	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract Team reserves the right to reject the Bid of any Bidder if the Contract Team 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 Contract Team. In evaluating Bids, the Contract Team 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Municipal Valve and Equipment Contact Name and Title: Blake Ortega
 Contact Phone Number: 281-236-4148 Contact Email: bortega@municipalvalve.com

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): YES
Agreed to American Iron & Steel Requirements of this Contract (yes or no): YES
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): YES
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): YES



PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): YES
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
If NO- Please attach a Request for Modifications to this bid.

Core & Main

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Process Valves (24" and greater) | EWP2-01.04

PLW Project #: P5K

SUMMARY:

Furnish and deliver all required process valves 24" and greater (section 40 23 43 and 40 05 36.13), and appurtenances for a fully operational system, including but not necessarily limited submittals, delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and contract documents. Any facility not listed in the table below should be added by Bidder.

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

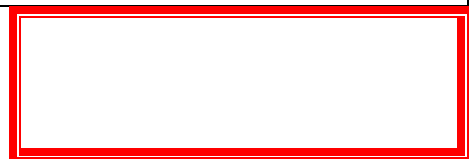
No. 1. <u>GBA</u>	No. 3 _____	No. 5 _____
No. 2. <u>GBA</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Lift Station Plug Valves	1	LS	204,000.00	204,000.00
2	Influent Lift Station Check Valves	1	LS	78,000.00	78,000.00
3	Headworks Plug Valve	1	LS	144,000.00	144,000.00
4	Aeration Basin 1&2 - Base Bid - Check Valves	1	LS	320,000.00	320,000.00
5	Aeration Basin 1&2- Credit Bid - Check Valves	1	LS	-320,000.00	-320,000.00
6	Aeration Basin Butterfly valve	1	LS	32,000.00	32,000.00
7	Aeration Blower Facility Butterfly valve	1	LS	40,000.00	40,000.00
8	Manufacturer's Services	1	LS	15,000.00	15,000.00
	Total				833,000.00

Submittals:	4-8 Weeks
Fabrication & Delivery:	22-28 Weeks

<p><u>Additional Information:</u> Have your firms Pre-Quals been submitted? (yes or no): <u>yes</u> % MWBE participation provided as a part of this bid: % <u>0</u></p>
--

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): YES
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): YES
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): N/A
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): YES



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) yes
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract Team reserves the right to reject the Bid of any Bidder if the Contract Team 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 Contract Team. In evaluating Bids, the Contract Team 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: _____

Contact Name and Title: _____

Contact Phone Number: _____

Contact Email: _____

J&S



2323 1st Street
Huffman, TX 77336
281-324-3990

Minority Company: M/WBE/HUB/WOSB/SBE/WBENC
SALES QUOTATION

Project:	Wilbarger Creek Regional Creek WWTF
Customer:	
Attn:	
Phone:	
Fax:	
E-Mail:	

QUOTE #:	08212023S.1 Wilbarger
F.O.B. FREIGHT:	Pre Pay & Add
TERMS:	To Be Arranged
AVAILABILITY:	Will Advise
VALIDITY:	30 Days
PREPARED BY:	Steven Plummer

Specializing in Valves since 1999!

We are pleased to quote you the following:

QTY	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
		Bid Item 1: Influent Lift Station Plug Valves		\$ -
2	12	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 4,997.00	\$ 9,994.00
6	24	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 32,871.00	\$ 197,226.00
		Bid Item 2: Influent Lift Station Check Valves		\$ -
2	12	J&S Valve, Slambuster Check Valve	\$ 10,646.00	\$ 21,292.00
3	24	J&S Valve, Slambuster Check Valve	\$ 43,494.00	\$ 130,482.00
		Bid Item 3: Headworks Plug Valves		\$ -
1	12	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 4,997.00	\$ 4,997.00
2	36	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 71,444.00	\$ 142,888.00
		Bid Item 4: Aeration Basins 1 & 2 Base Bid- Check Valves		\$ -
4	24	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 32,871.00	\$ 131,484.00
4	24	J&S Valve, L&W Check Valve w/Spring	\$ 44,358.00	\$ 177,432.00
		Bid Item 5: Aeration Basins 1 & 2 Credit Bid- Check Valves		\$ -
4	24	J&S Valve, Plug Valve w/Gear & Handwheel	\$ 32,871.00	\$ 131,484.00
4	24	J&S Valve, L&W Check Valve w/Spring	\$ 44,358.00	\$ 177,432.00
		Bid Item 6: Aeration Basins Butterfly Valves		\$ -
1	36	J&S Valve, Butterfly Valve w/Gear & 20' Chainwheel	\$ 18,486.00	\$ 18,486.00
		Bid Item 7: Blower Facility Butterfly Valves		\$ -
1	36	J&S Valve, Butterfly Valve w/Gear & 20' Chainwheel	\$ 18,486.00	\$ 18,486.00
				\$ -
		Total		\$ 1,161,683.00

Note:	AIS Pricing. J&S Valve is a registered M/WBE manufacturing plant.
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J&S Valve Estimated Lead Time for EWP2

Qty	Description	Stock
2	36" Butterfly Valve SD, FLG, Worm Gear 20' Chainwheel	1
" "	36" Butterfly Valve SB, FLG, Worm Gear 20' Chainwheel	5
3	12" Resilient Seated Plug Valve, Gear and Handwheel	0
14?	24" Resilient Seated Plug Valve, Gear and Handwheel	4
2	36" Resilient Seated Plug Valve, Gear and Handwheel	0
2	12" Slambuster Check Valve	10
3	24" Slambuster Check Valve	5
8	24" Lever & Weight Check Valve with spring	0

SD = Seat on Disc

SB = Seat on Body

Estimated Lead Time:

For valves in stock, 1-3 weeks; subject to prior sales and factory loading at time of order.

For valves in production, 18-20 weeks; subject to prior sales and factory loading at time.

KLP

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Process Valves (24" and greater) | EWP2-01.04

PLW Project #: P5K

SUMMARY:

Furnish and deliver all required process valves 24" and greater (section 40 23 43 and 40 05 36.13), and appurtenances for a fully operational system, including but not necessarily limited submittals, delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the plans, specifications, and contract documents. Any facility not listed in the table below should be added by Bidder.

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

No. 1. _____	No. 3 _____	No. 5 _____
No. 2. _____	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Influent Lift Station Plug Valves	1	LS		
2	Influent Lift Station Check Valves	1	LS		
3	Headworks Plug Valve	1	LS		
4	Aeration Basin 1&2 - Base Bid - Check Valves	1	LS		
5	Aeration Basin 1&2- Credit Bid - Check Valves	1	LS		
6	Aeration Basin Butterfly valve	1	LS		
7	Aeration Blower Facility Butterfly valve	1	LS		
8	Manufacturer's Services	1	LS		
	Total				962,882.64 per quote scope

Submittals: _____ Weeks
Fabrication & Delivery: _____ Weeks

<p><u>Additional Information:</u> Have your firms Pre-Quals been submitted? (yes or no): <u>YES</u> % MWBE participation provided as a part of this bid: % <u>100</u></p>
--

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>YES</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>YES</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>YES</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>YES</u></p>



<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>SEE BELOW</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____ If NO- Please attach a Request for Modifications to this bid. Agree to previously agreed upon terms between KLP and PLW</p>

Named Equipment Manufacturers:

DeZURIK	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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 Contract Team reserves the right to reject the Bid of any Bidder if the Contract Team 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 Contract Team. In evaluating Bids, the Contract Team 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: KLP Commercial, LLC dba KLP Construction Supply Contact Name and Title: Karen Allums (KD)

Contact Phone Number: 512-627-4285 Contact Email: allums@klpsupply.com

Ferguson

Bid Item / Location / System	Addenda	Description	Qty	UOM	Unit Cost	Amount	Item Notes	Tag
						168,119		
01						168,119		
INFLUENT LIFT STATION						168,119		
24" INFLUENT LIFT STATION PLUG VALVE DRWG 89						168,119		
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	6	EA	28,019.75	168,119		
						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
02						93,350		
INFLUENT LIFT STATION						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
24" INFLUENT LIFT STATION CHECK VALVE DRWG 89						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
		24" 125/150LB FLG IRONBODY SURGEBUSTER CHECK VALVE	3	EA	31,116.70	93,350	SECTION 40 23 43 11 F 2 TYPE V605	
						199,456		
03						199,456		
HEADWORKS VALVES						199,456		
36" HEADWORKS PLUG VALVE DRWG 145,152						199,456		
		36" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	2	EA	99,728.00	199,456		
						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
04						167,711		
AERATION BASINS 1-2 VALVES						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
24" AERATION BASIN 1-2 CHECK VALVE DRWG 257						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711	SECTION 40 23 43 11 F 3 TYPE V608	
						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
04 A						112,079		
AERATION BASINS 1-2 VALVES						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
24" AERATION BASIN 1-2 PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
						167,711		
05						167,711		
AERATION BASINS 1-2 VALVES						167,711		
24" AERATION BASIN 1-2 CREDIT CHECK VALVE DRWG 257						167,711		
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711		
						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
05 A						112,079		
AERATION BASINS 1-2 VALVES						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
24" AERATION BASIN 1-2 CREDIT PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
						40,532	SECTION 40 23 43 9 5 TYPE V511	
06						40,532		
AERATION BASINS 1-2 VALVES						40,532	SECTION 40 23 43 9 5 TYPE V511	
AERATION BASIN 1-2 BUTTERFLY VALVE DRWG 257						40,532	SECTION 40 23 43 9 5 TYPE V511	
		36" WAFER STYLE (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ HANDWHEEL	1	EA	40,531.75	40,532	SECTION 40 23 43 9 5 TYPE V511	
						27,203	SECTION 40 23 43 9 4 TYPE V510	
07						27,203		
BLOWER BLDG VALVES						27,203	SECTION 40 23 43 9 4 TYPE V510	
BLOWER BLDG BUTTERFLY VALVE DRWG 30						27,203	SECTION 40 23 43 9 4 TYPE V510	
		36" LUG PATTERN (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ CHAINWHEEL / 16'-0 CHAIN	1	EA	27,203.25	27,203	SECTION 40 23 43 9 4 TYPE V510	
						1,725	SPEC SECTION 40 23 43	
08						1,725		
SUBMITTALS AND O&M MANUALS						-	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						-	SPEC SECTION 40 23 43	
		VALVE SUBMITTAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
		O&M MANUAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
VALVE MANUFACTURE SERVICES						1,725	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						1,725	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE SPARE PARTS	1	EA	-	-	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE START-UP SERVICE	1	DAY	1,725.00	1,725	SPEC SECTION 40 23 43	
Total						1,089,965		

PFLUGERVILLE WWTP IMVPTS - PROCESS VALVES

Yard/Mech / Location / System	Addenda	Description	Qty	UOM	Unit Cost	Amount	Item Notes	Tag
MECH 01						261,469	***	
INFLUENT LIFT STATION						261,469	***	
24" INFLUENT LIFT STATION PLUG VALVE DRWG 89						168,119		
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	6	EA	28,019.75	168,119		
24" INFLUENT LIFT STATION CHECK VALVE DRWG 89						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
		24" 125/150LB FLG IRONBODY SURGEBUSTER CHECK VALVE	3	EA	31,116.70	93,350	SECTION 40 23 43 11 F 2 TYPE V605	
MECH 02						199,456		
HEADWORKS VALVES						199,456		
36" HEADWORKS PLUG VALVE DRWG 145,152						199,456		
		36" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	2	EA	99,728.00	199,456		
MECH 03						600,113	***	
AERATION BASINS 1-2 VALVES						600,113	***	
24" AERATION BASIN 1-2 CHECK VALVE DRWG 257						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711	SECTION 40 23 43 11 F 3 TYPE V608	
24" AERATION BASIN 1-2 PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
24" AERATION BASIN 1-2 CREDIT CHECK VALVE DRWG 257						167,711		
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711		
24" AERATION BASIN 1-2 CREDIT PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
AERATION BASIN 1-2 BUTTERFLY VALVE DRWG 257						40,532	SECTION 40 23 43 9 5 TYPE V511	
		36" WAFER STYLE (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ HANDWHEEL	1	EA	40,531.75	40,532	SECTION 40 23 43 9 5 TYPE V511	
MECH 04						27,203	SECTION 40 23 43 9 4 TYPE V510	
BLOWER BLDG VALVES						27,203	SECTION 40 23 43 9 4 TYPE V510	
BLOWER BLDG BUTTERFLY VALVE DRWG 30						27,203	SECTION 40 23 43 9 4 TYPE V510	
		36" LUG PATTERN (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ CHAINWHEEL / 16'-0 CHAIN	1	EA	27,203.25	27,203	SECTION 40 23 43 9 4 TYPE V510	
MECH 99						1,725	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						-	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						-	SPEC SECTION 40 23 43	
		VALVE SUBMITTAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
		O&M MANUAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
VALVE MANUFACTURE SERVICES						1,725	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						1,725	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE SPARE PARTS	1	EA	-	-	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE START-UP SERVICE	1	DAY	1,725.00	1,725	SPEC SECTION 40 23 43	
Total						1,089,965		

Item	Addenda	Description	Qty	UOM	Unit Cost	Amount	Item Notes	Tag
2030.000		PLANT VALVE EXTRAS				-	SPEC SECTION 40 23 43	
2030.002		PLANT VALVE EXTRAS - IMP				-	SPEC SECTION 40 23 43	
		VALVE SUBMITTAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
		O&M MANUAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
2235.000		BUTTERFLY VLV - IRON BODY INDUSTRIAL DOM				69,460	***	
2235.004		INDUSTRIAL IRONBODY RESILIENT SEATED WAFER STYLE CL150 GEAR OPERATOR W/ HANDWHEEL DOM				40,532	SECTION 40 23 43 9 5 TYPE V511	
		36" WAFER STYLE (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ HANDWHEEL	1	EA	40,531.75	40,532	SECTION 40 23 43 9 5 TYPE V511	
2235.020		INDUSTRIAL IRONBODY RESILIENT SEATED WAFER STYLE CL150 DOM EXTRAS				1,725	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE START-UP SERVICE	1	DAY	1,725.00	1,725	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE SPARE PARTS	1	EA	-	-	SPEC SECTION 40 23 43	
2235.024		INDUSTRIAL IRONBODY RESILIENT SEATED LUG PATTERN CL150 GEAR OPERATOR W/ CHAINWHEEL DOM				27,203	SECTION 40 23 43 9 4 TYPE V510	
		36" LUG PATTERN (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ CHAINWHEEL / 16'-0 CHAIN	1	EA	27,203.25	27,203	SECTION 40 23 43 9 4 TYPE V510	
2320.000		PLUG VALVES DOM - SECTION 40 23 43 7 D 3 TYPE V406				591,733	***	
2320.015		IRON BODY STD PORT 125LB FLG GEAR OPERATOR W/ HANDWHEEL DOM				591,733	***	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	14	EA	28,019.75	392,277	***	
		36" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	2	EA	99,728.00	199,456		
2440.000		CHECK VALVES DOM				428,773	***	
2440.004		125/150LB FLG IRON BODY AWWA SWING CHECK VALVE OL & S DOM				335,423	***	
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	8	EA	41,927.85	335,423	***	
2440.012		125/150LB FLG IRON BODY SURGEBUSTER CHECK VALVE WITH DISC ACCELERATOR & BACKFLOW ACTUATOR DOM				93,350	SECTION 40 23 43 11 F 2 TYPE V605	
		24" 125/150LB FLG IRONBODY SURGEBUSTER CHECK VALVE	3	EA	31,116.70	93,350	SECTION 40 23 43 11 F 2 TYPE V605	
Total						1,089,965		

System/Location	Addenda	Description	Qty	UOM	Unit Cost	Amount	Item Notes	Tag
24" INFLUENT LIFT STATION PLUG VALVE DRWG 89						168,119		
INFLUENT LIFT STATION						168,119		
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	6	EA	28,019.75	168,119		
24" INFLUENT LIFT STATION CHECK VALVE DRWG 89						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
INFLUENT LIFT STATION						93,350	SECTION 40 23 43 11 F 2 TYPE V605	
		24" 125/150LB FLG IRONBODY SURGEBUSTER CHECK VALVE	3	EA	31,116.70	93,350	SECTION 40 23 43 11 F 2 TYPE V605	
36" HEADWORKS PLUG VALVE DRWG 145,152						199,456		
HEADWORKS VALVES						199,456		
		36" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	2	EA	99,728.00	199,456		
24" AERATION BASIN 1-2 CHECK VALVE DRWG 257						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
AERATION BASINS 1-2 VALVES						167,711	SECTION 40 23 43 11 F 3 TYPE V608	
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711	SECTION 40 23 43 11 F 3 TYPE V608	
24" AERATION BASIN 1-2 PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
AERATION BASINS 1-2 VALVES						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
24" AERATION BASIN 1-2 CREDIT CHECK VALVE DRWG 257						167,711		
AERATION BASINS 1-2 VALVES						167,711		
		24" 125/150LB FLG IRONBODY AWWA SWING CHECK VALVE W/ OL & S	4	EA	41,927.85	167,711		
24" AERATION BASIN 1-2 CREDIT PLUG VALVE DRWG 257						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
AERATION BASINS 1-2 VALVES						112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
		24" 125LB FLG IRON BODY PLUG VALVE STD PORT W/ GEAR OPERATOR/ HANDWHEEL	4	EA	28,019.75	112,079	NO BID ITEM FOR AERATION BASINS 1-2 PLUG VALVES.	
AERATION BASIN 1-2 BUTTERFLY VALVE DRWG 257						40,532	SECTION 40 23 43 9 5 TYPE V511	
AERATION BASINS 1-2 VALVES						40,532	SECTION 40 23 43 9 5 TYPE V511	
		36" WAFER STYLE (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ HANDWHEEL	1	EA	40,531.75	40,532	SECTION 40 23 43 9 5 TYPE V511	
BLOWER BLDG BUTTERFLY VALVE DRWG 30						27,203	SECTION 40 23 43 9 4 TYPE V510	
BLOWER BLDG VALVES						27,203	SECTION 40 23 43 9 4 TYPE V510	
		36" LUG PATTERN (CL 150) IRONBODY RESILIENT SEATED BUTTERFLY VALVE W/ GEAR OPERATOR W/ CHAINWHEEL / 16'-0 CHAIN	1	EA	27,203.25	27,203	SECTION 40 23 43 9 4 TYPE V510	
SUBMITTALS AND O&M MANUALS						1,725	SPEC SECTION 40 23 43	
SUBMITTALS AND O&M MANUALS						-	SPEC SECTION 40 23 43	
		VALVE SUBMITTAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
		O&M MANUAL CHARGE PER SPECIFICATIONS	1	EA	-	-	SPEC SECTION 40 23 43	
VALVE MANUFACTURE SERVICES						1,725	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE SPARE PARTS	1	EA	-	-	SPEC SECTION 40 23 43	
		CL150 IRONBODY RESILIENT SEATED BUTTERFLY VALVE START-UP SERVICE	1	DAY	1,725.00	1,725	SPEC SECTION 40 23 43	
Total						1,089,965		

Work Package 2-09.01

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

**Recommendation Letter to be
provided by City Team**

PLW Self-Perform

Bid Form for Subcontractors

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Yard Piping Critical Items | EWP2-09.01

PLW Project #: P5K

SUMMARY:

Furnish all labor, material, and equipment to install all pipe, fittings, valves and appurtenances that are required for the below critical structures (as indicated in Scope of Work). Subcontractor is also responsible for all labor, material and equipment required to install reinforcement and to pour concrete for encasement of piping. Pricing will need to reflect AIS requirements. The scope of lines for the entire project is not limited to what is summarized below.

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

No. 1. 08/04/23	No. 3 08/24/23	No. 5
No. 2. 08/16/23	No. 4	No. 6

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Mobilization / Demobilization (Max. 3% of Lump Sum Bid Price)	1	LS	\$ 41,452.00	\$ 41,452.00
2	Trench Safety	1	LS	\$ 22,541.00	\$ 22,541.00
3	Facility 45 – Secondary Clarifiers/ Facility 46 – RAS/WAS Pump Stations	1	LS	\$ 860,748.00	\$ 860,748.00
4	Facility 53-31 – UV Facility Aeration Basin #1	1	LS	\$ 185,882.00	\$ 185,882.00
5	Facility 70 – Aerated Sludge Holding Tank	1	LS	\$ 164,001.00	\$ 164,001.00
6	Hot Tap to Existing 16" Manville Waterline	1	LS	\$ 118,442.00	\$ 118,442.00
-	<u>Total</u>	-	-	\$1,393,066.00	\$1,393,066.00

Submittals:	<u>4</u> Weeks
Fabrication & Delivery:	<u>4</u> Weeks
Erection	<u>N/A</u> Weeks
Duration of Construction in ____	<u>16</u> Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>N/A</u> % MWBE Participation Provided as a Part of This Bid: % <u>N/A</u></p>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Yes
 Agreed to American Iron & Steel Requirements of This Contract (yes or no): Yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

<p>BIDDER NAME & SIGNATURE: PLW Waterworks, LLC Peter Bailey, Executive Vice President</p>

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): Yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

Description	<u>Bid Evaluation Criteria:</u> Weighting Value
Cost Proposal	
- Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	50 Points
Technical Proposal	
- Safety (EMR & TRIR) <i>(Provide your current Workers Compensation Experience Rating (EMR) and current Total Recordable Incident Rate (TRIR) and attached additional supporting data)</i>	10 Points
- Experience and Qualifications (Complete Attachment I)	30 Points
Compliance with Proposal Terms and Conditions	
- Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	10 Points
TOTAL	100 Points

Company Name: PLW Waterworks, LLC

Contact Name and Title: Triston Young

Contact Phone Number: 346-573-7668

Contact Email: tbingyoung@plwus.com

Work Package 2-10.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Submersible Pumps | EWP2-10.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Submersible Pumps | EWP2-10.01
PLW Project #: P5K

Recommended Bidder: Pump Solutions

Twenty-eight (28) companies were solicited to bid this scope of supply:
Specification 44 42 56.29 - Submersible Pumps

Only two (2) fully submitted a bid on time.

Bidder 1: Pump Solutions (Manufacturer: KSB)

The bidder was the lowest bidder based on cost and ranked first based on the bid tabulation.

Bidder 2: Xylem (Flyght)

This bidder was the second most responsive bidder based on cost and ranked second on the bid tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_10.01 - Submersible Pumps | Spec. Sec. 44 42 56.29

Bid Tabulation		KSB		Flygt							
		Pump Solutions		Xylem							
		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Influent Lift Station ADF Pumps	3	EA	\$ 604,333.00	203,573	\$ 610,717.68	-	-	-	-	-	-
Influent Lift Station low ADF Pumps	2	EA	\$ 129,094.00	\$ 92,249.29	\$ 184,498.58	-	-	-	-	-	-
Manufacturer's Services	1	Ls	Included	\$ 6,280.00	\$ 6,280.00	-	-	-	-	-	-
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid			\$ 733,427.00	\$ 801,496.00	\$ 801,496.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid + Alt. 1			\$733,427.00	\$801,496.00	\$801,496.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% Variance from Low Bid			0%	9.28%	9.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Submittals		WK	2-3	WK	3-4	WK					
Fabrication & Delivery		WK	22-24	WK	28-30	WK					
Proposal Terms and Conditions:											
Agreed to PLW T&C	Y/N		Y	Y	Y						
Agreed to TWDB-0551 Supplemental Conditions	Y/N		Y	Y	Y						
Agreed American Iron & Steel Req.	Y/N		Y	Y	Y						
Agreed to Davis-Bacon Wage Rates	Y/N		N/A	N/A	N/A						
Agreed to EPA Fair Share Policy	Y/N		Y	Y	Y						
% MWBE Participation	%		0	0	0						
Qualification Forms Submitted	Y/N		Y	Y	Y						
Acknowledge Receipt of Addendum No 001 to 002	Y/N		Y	Y	Y						

Ranking Tabulation		1	2		
Bid Item	Weight	Pumps Solutions - KSB	Flygt - Xylem		
Total Base Bid (Lowest Price/Evaluated Proposal Price)	70%	70.00	64.06		
x Points Available = Score					
Experience and Qualifications	15%	15.00	15.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	15.00		
Total Points	100%	100.00	94.06	0.00	

Date of Recommendation:	10/05/23
Recommended Vendor:	Pumps Solutions
Contract Value:	\$733,427.00
Recommended By:	Triston Young, PLW Waterworks

Pump Solutions

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Submersible Pumps | EWP2-10.01

PLW Project #: P5K

SUMMARY:

Furnish Submersible Pumps (section 44 42 56.29) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, Pump, Motor, Local Control Panels, submittals, equipment delivery, spare parts, start-up, labels, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents. Any equipment not listed in the table below should be added by Bidder.

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

No. 1. <u>8/4/23</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/15/23</u>	No. 4 _____	No. 6 _____

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Influent Lift Station ADF Pumps	1	EA	604,333.00	
2	Influent Lift Station low ADF Pumps	1	EA	129,094.00	
3	Manufacturer's Services	1	LS		
Total					733,427.00

Submittals:	<u>2-3</u> Weeks
Fabrication & Delivery:	<u>22-24</u> Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): _____</p> <p>% MWBE participation provided as a part of this bid: % _____</p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Y

Agreed to American Iron & Steel Requirements of this Contract (yes or no): Y

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Y

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Y

Phil Kowalek

PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

KSB	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Pump Solutions, Inc.

Contact Name and Title: Cole Green - Sales

Contact Phone Number: 512-809-2302

Contact Email: Cole@pumpsolutions.net

Xylem

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Submersible Pumps | EWP2-10.01

PLW Project #: P5K

SUMMARY:

Furnish Submersible Pumps (section 44 42 56.29) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, Pump, Motor, Local Control Panels, submittals, equipment delivery, spare parts, start-up, labels, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents. Any equipment not listed in the table below should be added by Bidder.

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

No. 1. August 4, 2023	BT	No. 3	No. 5
No. 2. August 16, 2023	BT	No. 4	No. 6

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Influent Lift Station ADF Pumps	3	EA	\$203,572.56	\$610,717.68
2	Influent Lift Station low ADF Pumps	2	EA	\$92,249.29	\$184,498.58
3	Manufacturer's Services	1	LS	\$6,280.00	\$6,280.00
Total					\$801,496.2

Submittals:	3-4 Weeks
Fabrication & Delivery:	28-30 Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u></p> <p>% MWBE participation provided as a part of this bid: % <u>0</u></p>

<p>OWNER REQUIRED- Due to TWDB being the project funding source:</p> <p>Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u></p> <p>Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u></p> <p>Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u></p> <p>Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u></p>



<p>PLW TERMS & CONDITIONS:</p> <p>Agreed to PLW Terms and Conditions (yes or no): <u>Yes with Previously used PLW T&C with Xylem see Attachment H as reference</u></p> <p>If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u></p> <p>If NO- Please attach a Request for Modifications to this bid. <u>Attachment H added</u></p>

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Xylem Water Solutions USA, Inc Contact Name and Title: Barrie Hamm - Sales Engineer
 Contact Phone Number: 361.500.8547 Contact Email: barrie.hamm@xylem.com

Work Package 2-12.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vortex Grit Removal Equipment and Grit Washer | EWP2_12.01

PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Vortex Grit Removal Equipment and Grit Washer | EWP2_12.01
PLW Project #: P5K

Recommended Bidder: EI2 (HUBER)

Twenty-five (25) companies were solicited to bid this scope of supply:
Specifications 44 23 23 & 44 42 40 - Vortex Grit Removal Equipment and Grit Washer

Only two (2) fully submitted a bid on time.

Bidder 1: EI2 (Manufacturer: Huber Technology, Inc.)

The bidder was the lowest bidder and received the highest score on cost and considered tabulation.

Bidder 2: Newman (Manufacturer: Smith and Loveless)

This bidder was the second bidder on cost and second in the bid tabulation.

Bidder 3: Vision Equipment (Manufacturer: Envirodyne)

The bidder provided an incomplete bid that did not comply with the scope of work for this package and did not provide satisfactory responses to clarifying questions.

We recommend proceeding with the bid proposal from EI2 based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with EI2 for this Bid Package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer | Spec. Sec. 44 23 23, 44 42 40

Bid Tabulation			Huber	Smith and Loveless		Envirodyne (Alternate)				
			E12	Newman		Vision Equipment				
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3			
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price			
Grinder/Screener	1	EA	\$ 119,858.00	\$ 119,858.00	\$ 184,968.00	\$ 184,968.00				
Grit Washer	1	EA	\$ 72,656.00	\$ 72,656.00	\$ 203,380.00	\$ 203,380.00				
Manufacturer's Services	1	LS	\$ 110,998.00	\$ 110,998.00	\$ 18,400.00	\$ 18,400.00				
				\$ -		\$ -		\$ -		
				\$ -		\$ -		\$ -		
Total: Base Bid				\$ 303,512.00		\$ 406,748.00		NOT COMPLIANT		
Total				\$303,512.00		\$406,748.00		\$ -		
% Variance from Low Bid				0.00%		34.01%				
Submittals		WK	4-6	WK	8	WK				
Fabrication & Delivery		WK	28-32	WK	28-34	WK				
Proposal Terms and Conditions:										
Agreed to PLW T&C	Y/N			N*		N with comments		Not provided		
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y		Not provided		
Agreed American Iron & Steel Req.	Y/N			Y		Y		Not provided		
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y		Not provided		
Agreed to EPA Fair Share Policy	Y/N			Y		Y		Not provided		
% MWBE Participation	%			NA		NA		NA		
Qualification Forms Submitted	Y/N			Y		Y		Not provided		
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Not provided		

Ranking Tabulation		1	2	3	
Bid Item	Weight	E12 - Huber	Newman - Smith and Loveless	Envirodyne	
Total Base Bid (Lowest Price/Evaluated Proposal Price)					
x Points Available = Score	70%	70.00	52.23	Not Scored	
Experience and Qualifications	15%	12.00	12.00	Not Scored	
Compliance with Proposal Terms and Conditions (See list above)	15%	12.00	12.00	Not Scored	
Total Points	100%	94.00	76.23	0.00	

Date of Recommendation:	10/05/23
Recommended Vendor	E12 - Huber
Contract Value:	\$303,512.00
Recommended By:	Triston Young, PLW Waterworks

Huber

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vortex Removal Equipment and Grit Washer | EWP2-12.01

PLW Project #: P5K

SUMMARY:

Furnish one (1) 360-degree vortex grit removal unit (section 44 23 23) and one (1) grit washer unit (section 44 42 40), complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to submittals, equipment delivery, spare parts, labels, start-up, testing, calibration, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. 8-4-23 MP	No. 3	No. 5
No. 2. 8-17-23 MP	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	360-degree vortex grit Removal unit (22-VGC-101)	1	EA	119,858	119,858
2	Grit Washer (122GW102)	1	EA	124,162	124,162
3	Manufacturer's Services	1	LS	157,356	157,356
Total					303,512

Submittals: <u>4-6</u> Weeks Fabrication & Delivery: <u>28-32</u> Weeks	Additional Information: Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____
--	--

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): YES
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): N/A
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): YES
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): YES

Greg Chen
 Contract Administrator

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): X
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: HUBER Technology, Inc. Contact Name and Title: Johan van Ettehoven
 Contact Phone Number: 704-677-3714 Contact Email: johan.vanettekoven@hhusa.net

Smith and Loveless

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vortex Removal Equipment and Grit Washer | EWP2-12.01

PLW Project #: P5K

SUMMARY:

Furnish one 360-degree vortex grit removal unit section and one grit washer unit section complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to submittals, equipment delivery, spare parts, labels, start-up, testing, calibration, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. 08/04/2023	No. 3	No. 5
No. 2. 08/16/2023	No. 4	No. 6

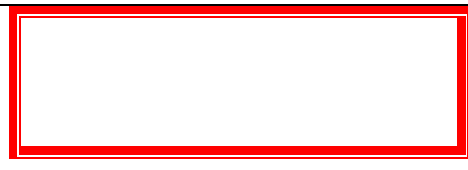
Bid Item	Description	Unit	U/M	Unit Price	Total
1	360-degree vortex grit Removal unit ()	1	EA	\$184,968.00	\$184,968.00 ¹
2	Grit Washer (122GW102)	1	EA	\$203,380.00	\$203,380.00 ¹
3	Manufacturer's Services	1	LS	\$18,400.00	\$18,400.00 ²
Total *					\$406,748.00 ³

Submittals:	~8 Weeks
Fabrication & Delivery:	~28-34 Weeks

See Sales Agreement for Additional Details and Exceptions.

Additional Information:	
Have your firms Pre-Quals been submitted? (yes or no):	No
% MWBE participation provided as a part of this bid: %	N/A

OWNER REQUIRED- Due to TWDB being the project funding source:	
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no):	N/A
Agreed to American Iron & Steel Requirements of this Contract (yes or no):	Yes
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no):	N/A
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no):	N/A



PLW TERMS & CONDITIONS:	
Agreed to PLW Terms and Conditions (yes or no):	No. See Sales Agreement for Additional Details and Exceptions.
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no)	No
If NO- Please attach a Request for Modifications to this bid.	See Sales Agreement for Additional Details and Exceptions.

- ¹ Control panel, spare, and special were split between these line items.
- ² Manufacturer's Services are for start up only.
- ³ All line items must be purchased.

Named Equipment Manufacturers:

Smith and Loveless, Inc	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

<u>Bid Evaluation Criteria:</u>	Weighting Value
Cost Proposal	
<ul style="list-style-type: none"> - Complete Bid Package Cost 	70 Points
<i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	
Technical Proposal	
<ul style="list-style-type: none"> - Experience and Qualifications <i>(Complete Attachment I)</i> 	15 Points
Compliance with Proposal Terms and Conditions	
<ul style="list-style-type: none"> - Conformance with Bid Package Requirements 	15 Points
<i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the proposal.)</i>	
TOTAL	100 Points

Company Name: Smith and Loveless, Inc Contact Name and Title: Ryan Asbury, Manager, Municipal Treatment Systems
 Contact Phone Number: 913-888-5201 x469 Contact Email: rasbury@smithandloveless.com

Work Package 2-12.02

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



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Induced Flow (Recessed Impeller) Centrifugal Pumps | EWP2-12.02
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Induced Flow (Recessed Impeller) Centrifugal Pumps | EWP2-12.02
PLW Project #: P5K

Recommended Bidder: Trillium (Wemco)

Twenty-seven (27) companies were solicited to bid this scope of supply:
Specification 44 42 56.60 - Induced Flow (Recessed Impeller) Centrifugal Pumps

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

Bidder 1: Trillium (Manufacturer: Wemco)

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

We believe we will be able to come to terms and execute a contract with Trillium for this Bid Package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps | Spec. Sec. 44 42 56.60

Bid Tabulation			Wemco									
			Trillium									
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
201 (including control panel, 122-CP-102)	2	EA	33,356.00	\$ 66,712.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Manufacturers Services	1	LS			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid				\$ 66,712.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid + Alt. 1				\$66,712.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% Variance from Low Bid				0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Submittals		WK	6-8	WK								
Fabrication & Delivery		WK	35	WK								
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N								
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y								
Agreed American Iron & Steel Req.	Y/N			N/A								
Agreed to Davis-Bacon Wage Rates	Y/N			N/A								
Agreed to EPA Fair Share Policy	Y/N			Y								
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y								
Acknowledge Receipt of Addendum No 001 to 002	Y/N			N								

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

Date of Recommendation:	10/05/23
Recommended Vendor	Trillium - Wemco
Contract Value:	\$66,712.00
Recommended By:	Triston Young, PLW Waterworks

Wemco

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All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

<u>Bid Evaluation Criteria:</u>		<u>Weighting Value</u>
Cost Proposal		
- Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	70 Points	
Technical Proposal		
- Experience and Qualifications <i>(Complete Attachment I)</i>	15 Points	
Compliance with Proposal Terms and Conditions		
- Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company’s letterhead and submitted with the proposal.)</i>	15 Points	
TOTAL		100 Points

Company Name: Tramm Cos S Contact Name and Title: Mae Snyder
Contact Phone Number: Contact Email: m. Snyder@tramm.com

Work Package 2-12.03

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Mechanical Screen and Washer Compactor System | EWP2-12.03
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Mechanical Screen and Washer Compactor System | EWP2-12.03
PLW Project #: P5K

Selected Bidder: HRM

Based on feedback from the City of Pflugerville and the Engineer regarding technical compliance and preferences, the selected bidder is HRM.

Recommended Bidder: WwaterTech

Twenty-five (25) companies were solicited to bid this scope of supply:
Specification 44 42 27.19 - Mechanical Screen and Washer Compactor System

Only three (3) fully submitted a bid on time.

Bidder 1: HRM (Manufacturer: Vulcan Industries, Inc.)

The bidder was the lowest bidder based on cost and ranked second based on the bid tabulation (majority due to schedule issues as it can be seen in the CompChart).

Bidder 2: WwaterTech (Manufacturer: Headworks International)

This bidder was the second most responsive bidder based on cost and ranked as the best value based on the bid tabulation.

Bidder 3: EI2 (Manufacturer: Huber Technology, Inc.)

This bidder was the third bidder on cost and third in the bid tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_12.03 - Mechanical Screen and Washer Compactor System | Spec. Sec. 44 42 27.19

Bid Tabulation			Vulcan Industries, Inc.			Headworks International			Huber Technology, Inc			
			HRM			WwaterTech, Inc.			EI2			
			BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
Me chanical Fine Screens SRSR	2	EA	\$ 191,000.00	\$ 382,000.00			\$ 183,236.50	\$ 366,473.00		\$ -		\$ -
Bas in er s SRSR	2	EA	\$ 74,200.00	\$ 148,400.00			\$ 47,644.00	\$ 95,288.00		\$ -		\$ -
Man ufacturer's Ser vices	1	LS	\$ 13,400.00	\$ 13,400.00			\$ 95,663.00	\$ 95,663.00		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 543,800.00		\$ 552,246.00		\$ 557,424.00		\$ -		\$ -
										\$ -		\$ -
Total: Base Bid + Alt. 1				\$543,800.00		\$552,246.00		\$557,424.00		\$0.00		\$0.00
% Variance from Low Bid				0%		1.55%		2.51%		0.00%		0.00%
Submittals		WK	10-14	WK	3-4	WK	4-6	WK				
Fabrication & Delivery		WK	44-48	WK	16-20	WK	28-32	WK				
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Y		Y		N				
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y		Y				
Agreed American Iron & Steel Req.	Y/N			N/A		N/A		N/A				
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y		Y				
Agreed to EPA Fair Share Policy	Y/N			Y		Y		Y				
% MWBE Participation	%			0%		0%		0%				
Qualification Forms Submitted	Y/N			N		Y		N				
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y				

Ranking Tabulation		2	1	3	
Bid Item	Weight	HRM	WwaterTech, Inc.	EI2	
Total Base Bid (Lowest Price/Evaluated Proposal Price)					
x Points Available = Score	70%	70.00	68.93	68.29	
Experience and Qualifications	15%	12.00	15.00	13.00	
Compliance with Proposal Terms and Conditions (See list above)	15%	14.00	15.00	13.00	
Total Points	100%	96.00	98.93	94.29	

Date of Recommendation:	10/05/23
Recommended Vendor	WwaterTech, Inc.
Contract Value:	\$552,246.00
Recommended By:	Triston Young, PLW Waterworks

Vulcan

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Mechanical Screen and Washer Compactor System

EWP2-12.03

PLW Project #: P5K

SUMMARY:


Furnish two (2) mechanical screens and two (2) washer compactors with discharge chutes (section 44 42 27.19), including all related equipment and complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. 8-4-23	No. 3	No. 5
No. 2. 8-16-23	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Mechanical Fine Screens (121SCR101, 121SCR201)	2	EA	\$191,000	\$382,000.00
2	Washer Compactors (121WC101, 121WC201)	2	EA	\$74,200	\$148,400.00
3	Manufacturer's Services	1	LS	\$13,400	\$13,400.00
Total					\$543,800.00

Submittals: <u>14</u> Weeks Fabrication & Delivery: <u>48</u> Weeks	Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>N/A</u> % MWBE participation provided as a part of this bid: % <u>N/A</u>
--	--

OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Y</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Y</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Y</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Y</u>	
PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>Y</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____ If NO- Please attach a Request for Modifications to this bid.	

Named Equipment Manufacturers:

Vulcan Industries, Inc.	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Vulcan Industries, Inc. Contact Name and Title: Tim A. Miller
 Contact Phone Number: 612-345-2150 Contact Email: tmiller@vulcanindustries.com

Headworks

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Mechanical Screen and Washer Compactor System

EWP2-12.03

PLW Project #: P5K

SUMMARY:

Furnish two (2) mechanical screens and two (2) washer compactors with discharge chutes (section 44 42 27.19), including all related equipment and complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. 08/07/2023	No. 3	No. 5
No. 2. 08/16/2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Mechanical Fine Screens (<input type="checkbox"/> S <input type="checkbox"/> R <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> R <input type="checkbox"/>	2	EA		
2	Washer Compactors (<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2	EA		
3	Manufacturer's Services	1	LS		
Total					\$552,246.00

Submittals:	3-4 Weeks
Fabrication & Delivery:	16-20 Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>yes</u> % MWBE participation provided as a part of this bid: % _____</p>
--

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>yes</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>yes</u></p>



<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>yes</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____ If NO- Please attach a Request for Modifications to this bid.</p>

Named Equipment Manufacturers:

Headworks, Inc.	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Headworks via WWaterTech Contact Name and Title: Wes Holt - Salesman
 Contact Phone Number: (713) 253-9253 Contact Email: wholt@wwatertechinc.com

Huber

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Mechanical Screen and Washer Compactor System

EWP2-12.03

PLW Project #: P5K

SUMMARY:

Furnish two (2) mechanical screens and two (2) washer compactors with discharge chutes (section 44 42 27.19), including all related equipment and complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. <u>8-4-23 BG</u>	No. 3 _____	No. 5 _____
No. 2. <u>8-17-23 BG</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Mechanical Fine Screens (<input type="checkbox"/> S <input type="checkbox"/> R <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> R <input type="checkbox"/>	2	EA	183,236	366,473
2	Washer Compactors (<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2	EA	47,644	95,288
3	Manufacturer's Services	1	LS	95,663	95,663
Total					557,424

Submittals:	<u>4-6</u> Weeks
Fabrication & Delivery:	<u>28-32</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): _____
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u>



PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): <u>X</u>
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: HUBER Technology, Inc. Contact Name and Title: Johan van Ettehoven
 Contact Phone Number: 704-677-3714 Contact Email: johan.vanettekoven@hhusa.net

Work Package 2-31.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Submersible Mixers | EWP2-31.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Submersible Mixers | EWP2-31.01
PLW Project #: P5K

Selected Bidder: Xylem

Based on feedback from the City of Pflugerville and the Engineer regarding technical compliance and preferences, the selected bidder is Xylem.

Recommended Bidder: Newman

Twenty-six (26) companies were solicited to bid this scope of supply:
Specification 44 42 46.23 - Submersible Mixers

Only three (3) fully submitted a bid on time.

Bidder 1: Newman (Manufacturer: Wilo-EMU USA, LLC)

The bidder was the second lowest bidder based on cost and ranked first based on the bid tabulation.

Bidder 2: Xylem Inc. (Flygt)

This bidder was the third most responsive bidder based on cost and ranked second on the bid tabulation.

Bidder 3: Smith Pump (Manufacturer: Landia)

This bidder was the lowest bidder on cost and ranked third in the bid tabulation. The manufacture was not preapproved and therefore, this is considered as alternate but due to the lack of information and qualifications supplied, we are not able to consider and score them accordingly.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_31.01 - Submersible Mixers | Spec. Sec. 44 42 46.23

Bid Tabulation			Wilo			Xylem - Flygt			Landia (Alternate)			
			Newman				Smith Pump					
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price		Unit Price		Unit Price					
Submersible Mixers	2	EA	\$ 38,840.00	\$ 77,680.00	\$ 48,836.50	\$ 97,673.00	\$ 39,833.33	\$ 79,666.66				
Submersible Mixers	4	EA	\$ 38,840.00	\$ 155,360.00	\$ 48,410.50	\$ 193,642.00	\$ 39,833.33	\$ 159,333.32				
Manufacturer's Services	1	LS	\$ 9,000.00	\$ 9,000.00	\$ 6,280.02	\$ 6,280.02	-	Included				
				\$ -		\$ -		\$ -				
				\$ -		\$ -		\$ -				
Total: Base Bid				\$ 242,040.00		\$ 297,595.02		\$ 238,999.98				
Swing Mixer No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	Ea	38,840.00	\$ 155,360.00	\$ 48,410.50	\$ 193,642.00	\$ 39,833.33	\$ 159,333.32				
Total: Alternate Bid				\$242,040.00		\$297,595.02		\$238,999.98				
% Variance from Low Bid				0%		22.95%						
Submittals		WK	6-8	WK	2-3	WK	4-6	WK				
Fabrication & Delivery		WK	16-20	WK	16-18	WK	18-20	WK				
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Not Properly replied		Y*		Y				
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Note 1		Y		Y				
Agreed American Iron & Steel Req.	Y/N			N/A		N/A		N/A				
Agreed to Davis-Bacon Wage Rates	Y/N			Not Properly replied		Y		Y				
Agreed to EPA Fair Share Policy	Y/N			Not Properly replied		Y		Y				
% MWBE Participation	%			0		0%		0				
Qualification Forms Submitted	Y/N			Y		Y		Y*	(not supplied for Landia)			
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y				

Note 1: They will work with the city/contractor on agreed Terms and Conditions at award of Contract

Ranking Tabulation		1	2	3		
Bid Item	Weight	Newman	Xylem	Smith Pump		
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	70.00	56.93	70.89		
Experience and Qualifications	15%	15.00	15.00	0.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	3.00	15.00	10.00		
Total Points	100%	88.00	86.93	80.89		

Date of Recommendation:	10/05/23
Recommended Vendor	Newman
Contract Value:	\$242,040.00
Recommended By:	Triston Young, PLW Waterworks

Xylem

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Submersible Mixers | EWP2-31.01

PLW Project #: P5K

SUMMARY:

Furnish Submersible Mixers (section 44 42 46.23) complete with all required equipment, material, accessories, and appurtenances for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. August 4, 2023 <i>BT</i>	No. 3	No. 5
No. 2. August 16, 2023 <i>BT</i>	No. 4	No. 6

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Anaerobic Mixerss No.1 & No.2 (31-MIX-110, 31-MIX-210)	2	EA	\$48,836.50	\$97,673.00
2	Anoxic Mixers No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA	\$48,410.50	\$193,642.00
3	Manufacturer's Services	1	LS	\$6,280.02	\$6,280.02
Total: Base Bid					\$297,595.02
Alt1	Swing Mixer No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA	\$48,410.50	\$193,642.00

Submittals:	2-3 Weeks
Fabrication & Delivery:	16-18 Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u></p> <p>% MWBE participation provided as a part of this bid: % <u>0</u></p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes

Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): Yes with Previously used PLW T&C with Xylem

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Xylem Water Solutions USA, Inc Contact Name and Title: Barrie Hamm - Sales Engineer
Contact Phone Number: 361.500.8547 Contact Email: barrie.hamm@xylem.com

Wilo

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Submersible Mixers | EWP2-31.01

PLW Project #: P5K

SUMMARY:

Furnish Submersible Mixers (section 44 42 46.23) complete with all required equipment, material, accessories, and appurtenances for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. 8/7/2023	No. 3	No. 5
No. 2. 8/16/2023	No. 4	No. 6

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Anaerobic Mixerss No.1 & No.2 (31-MIX-110, 31-MIX-210)	2	EA	\$38,840	\$77,680
2	Anoxic Mixers No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA	\$38,840	\$155,360
3	Manufacturer's Services	1	LS		\$9,000
Total: Base Bid					
Alt1	Swing Mixer No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA	\$38,840	\$155,360

Included the following SWilo cope of supply

Submittals:	_6-8_ Weeks
Fabrication & Delivery:	_16-20_ Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): No
% MWBE participation provided as a part of this bid: %N/A_

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Note 1
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): N/A
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): NA
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): N/A

Tom M. Webb

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): N/A
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Wilo	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: _____ Wilo - USA _____

Contact Name and Title: Jennifer Justice AE

Contact Phone Number: 262-204-6630

ContactEmail: Jennifer.justice@wilo.com

Smith Pump

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Submersible Mixers | EWP2-31.01

PLW Project #: P5K

SUMMARY:

Furnish Submersible Mixers (section 44 42 46.23) complete with all required equipment, material, accessories, and appurtenances for a fully operational system, including but not necessarily limited to, control panels, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u> </u> ARK	No. 3 <u> </u>	No. 5 <u> </u>
No. 2. <u> </u> ARK	No. 4 <u> </u>	No. 6 <u> </u>

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Anaerobic Mixerss No.1 & No.2 (31-MIX-110, 31-MIX-210)	2	EA	\$39,833.33	\$79,666.67
2	Anoxic Mixers No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA	\$39,833.33	\$159,333.33
3	Manufacturer's Services	1	LS	N/A	N/A
	Total: Base Bid	1	LS	\$239,000.00	\$239,000.00
Alt1	Swing Mixer No. 1A, 1B, 2A, 2B (31-MIX-120, 31-MIX-125, 31-MIX-220, 31-MIX-225)	4	EA		

Submittals:	4-6 Weeks
Fabrication & Delivery:	18-20 Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____</p>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): Yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Landia	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Smith Pump Company Contact Name and Title: Jeff McHattie, Outside Sales
Contact Phone Number: 254-776-0377 Contact Email: JeffM@smithpump.com

Work Package 2-31.02

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Fine Bubble Fixed-Grid Aeration Equipment | EWP2-31.02
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Fine Bubble Fixed-Grid Aeration Equipment | EWP2-31.02

PLW Project #: P5K

Recommended Bidder: EI2

Twenty-six (26) companies were solicited to bid this scope of supply:
Specification 44 42 13- Fine Bubble Fixed-Grid Aeration Equipment

Only two (2) fully submitted a bid on time.

Bidder 1: EI2 (Manufacturer: Aquarius Technologies)

The bidder was the lowest bidder based on cost and ranked first based on the bid tabulation. They also confirmed that the location of the manufacturing facility of the diffuser system is Saukville, WI, USA.

Bidder 2: Hartwell (Manufacturer: Xylem - Sanitare)

This bidder was the second most responsive bidder based on cost and ranked second on the bid tabulation.

We recommend proceeding with the bid proposal from EI2 based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with them for this Bid Package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_31.02 - Fine Bubble Fixed-Grid Aeration Equipment | Spec. Sec. 44 42 13

Bid Tabulation		Aquarius Technologies Ei2		Xylem - Sanitare Hartwell								
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price		Unit Price		Unit		Unit		Unit	
Base Bid Configuration layout	1	LS	305,100.00	\$ 305,100.00	326,200	\$ 326,200.00	-	\$ -		\$ -		\$ -
Manufacturer's Services	1	LS	8,400.00	\$ 8,400.00	8,500.00	\$ 8,500.00	-	\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$313,500.00		\$334,700.00		\$0.00		\$ -		\$ -
Alternate AO Configuration layout	1	LS	\$ 371,500.00	\$ 371,500.00	\$ 397,600.00	\$ 397,600.00	\$ -	\$ -		\$ -		\$ -
Total: Alternate Bid				\$371,500.00		\$397,600.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		7.03%		0%				0.00%
Submittals		WK	6-9	WK	10	WK						
Fabrication & Delivery		WK	10-12	WK	12	WK						
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Y		N						
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Not properly replied						
Agreed American Iron & Steel Req.	Y/N			N/A		N/A						
Agreed to Davis-Bacon Wage Rates	Y/N			N/A		N/A						
Agreed to EPA Fair Share Policy	Y/N			Y		Y						
% MWBE Participation	%			0%		0%						
Qualification Forms Submitted	Y/N			Y		Y						
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Ei2	Hartwell			
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	70.00	65.57			
Experience and Qualifications	15%	15.00	13.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	5.00			
Total Points	100%	100.00	83.57	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	Ei2
Contract Value:	\$313,500.00
Recommended By:	Triston Young, PLW Waterworks

Aquarius Technologies

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Fine Bubble Fixed-Grid Aeration Equipment | EWP2-31.02

PLW Project #: P5K

SUMMARY:

Furnish Fine Bubble Fixed-Grid Aeration Equipment (section 44 42 13) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, piping, diffusers, diffusers accessories, submittals, equipment delivery, spare parts and tools, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>6/30/2023 - BW</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/15/2023 - BW</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Base Bid A2O Configuration layout	1	LS	\$305,100.00	\$305,100.00
2	Manufacturer's Services	1	LS	\$8,400.00	\$8,400.00
	Total:				\$313,500.00
Alt1	Alternate AO Configuration layout	1	LS	\$371,500.00	\$371,500.00
				+ Service =	\$379,900.00

Submittals:	<u>6-9</u> Weeks
Fabrication & Delivery:	<u>10-12</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Y</u>
% MWBE participation provided as a part of this bid: % <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Y</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Y</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Y</u>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Y</u>



PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): <u>Y</u>
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
If NO- Please attach a Request for Modifications to this bid.

Pending fill out

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Aquarius Technologies, LLC. Contact Name and Title: Bryen Woo, Business Development Director
 Contact Phone Number: (414) 309-4620 Contact Email: bwoo@aquariustechnologies.com

Sanitaire

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Fine Bubble Fixed-Grid Aeration Equipment| EWP2-31.02

PLW Project #: P5K

SUMMARY:

Furnish Fine Bubble Fixed-Grid Aeration Equipment (section 44 42 13) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, piping, diffusers, diffusers accessories, submittals, equipment delivery, spare parts and tools, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

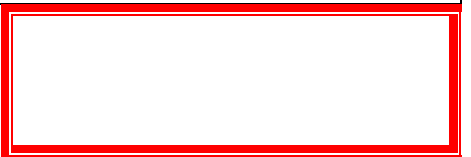
No. 1. <u>06/30/2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>08/15/2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
<input type="checkbox"/>	Base Bid Information Layout	1	LS	\$326,200.00	\$326,200.00
2	Manufacturer's Services	1	LS	\$1,700	\$8,500.00
	Total:				\$334,700
Alt1	Alternate Bid Information Layout	1	LS	\$389,100.00	\$389,100.00
Alt2	Manufacturer's Services	1	LS	\$1,700	\$8,500
	TOTAL:				\$397,600

Submittals:	<u>10</u> Weeks
Fabrication & Delivery:	<u>12</u> Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>Xylem</u> % MWBE participation provided as a part of this bid: % <u>N/A</u></p>

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>N/A</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>N/A</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u></p>



<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>No</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid.</p>
--

Named Equipment Manufacturers:

Xylem - Sanitaire	
Local Representative - Hartwell Environmental	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Xylem, Water Solutions USA, Inc.

Contact Name and Title: Sam Plevin - Sales Engineer

Contact Phone Number: 414-207-5385

Contact Email: samuel.plevin@xylem.com

Work Package 2-31.03

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Axial Flow Pumps | EWP2-31.03
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Axial Flow Pumps | EWP2-31.03
PLW Project #: P5K

Recommended Bidder: Xylem (Flygt)

Twenty-eight (28) companies were solicited to bid this scope of supply:
Specification 44 42 56.40 - Axial Flow Pumps

Only two (2) fully submitted a bid on time.

Bidder 1: Smith Pump (Manufacturer: Landia)

This bidder was the lowest bidder on cost and ranked second in the bid tabulation. The manufacture was not preapproved and therefore, this is considered as alternate but due to the lack of information and qualifications supplied, we are not able to consider and score them accordingly.

Bidder 2: Xylem - Flygt

This bidder was the second most responsive bidder based on cost and ranked first on the bid tabulation.

We recommend proceeding with the bid proposal from Xylem (Flygt) based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with them for this Bid Package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_31.03 - Axial Flow Pumps | Spec. Sec. 44 42 56.40

Bid Tabulation		Landia (Alternate)		Xylem - Flygt									
		Smith Pump											
		BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM			Unit Price			Unit Price		Unit Price		Unit Price	
Modular Replacem	4	LS	40,310.00	\$ 161,240.00	46,839	\$ 187,354.00		\$ -		\$ -		\$ -	
Manufacturer's Services	1	LS		Included	\$ 6,280.10	\$ 6,280.10		\$ -		\$ -		\$ -	
				\$ -		\$ -		\$ -		\$ -		\$ -	
				\$ -		\$ -		\$ -		\$ -		\$ -	
				\$ -		\$ -		\$ -		\$ -		\$ -	
Total: Base Bid				\$ 161,240.00		\$ 193,634.10		\$ -		\$ -		\$ -	
				\$ -		\$ -		\$ -		\$ -		\$ -	
Total: Base Bid + Alt. 1				\$161,240.00		\$193,634.10		\$0.00		\$0.00		\$0.00	
% Variance from Low Bid				0%		20.09%		0.00%				0.00%	
Submittals		WK	4-6	WK	2-3	WK							
Fabrication & Delivery		WK	18-20	WK	18-19	WK							
Proposal Terms and Conditions:													
Agreed to PLW T&C	Y/N			Y		Y							
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y							
Agreed American Iron & Steel Req.	Y/N			N/A		N/A							
Agreed to Davis-Bacon Wage Rates	Y/N			N/A		Y							
Agreed to EPA Fair Share Policy	Y/N			Y		Y							
% MWBE Participation	%			0		0							
Qualification Forms Submitted	Y/N			Y* Landia Specific requested (not provided)		Y							
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y							

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Xylem	Smith Pump			
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	58.29	70.00			
Experience and Qualifications	15%	15.00	5.00			
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	10.00			
Total Points	100%	88.29	85.00	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	Xylem
Contract Value:	\$193,634.10
Recommended By:	Triston Young, PLW Waterworks

Xylem

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Axial Flow Pumps | EWP2-31.03

PLW Project #: P5K

SUMMARY:

Furnish Axial Flow Pumps (section 44 42 56.40) complete with all required equipment, material, accessories, and appurtenances for a fully operational system, including but not necessarily limited to, control panels, electric motors and components, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents.

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

No. 1. August 4, 2023 <i>BL</i>	No. 3 _____	No. 5 _____
No. 2. August 16, 2023 <i>BL</i>	No. 4 _____	No. 6 _____

Bid Item	Description	Qty	U/M	Unit Price	Total
1	Mixed Liquor Recycle Pumps	4	LS	\$46,838.50	\$187,354.00
2	Manufacturer's Services	1	LS	\$6,280.10	\$6,280.10
Total:					\$193,634.10

Submittals:	<u>2-3</u> Weeks
Fabrication & Delivery:	<u>18-19</u> Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u></p> <p>% MWBE participation provided as a part of this bid: % <u>0</u></p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes

Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): Yes with Previously used PLW T&C with Xylem

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Xylem Water Solutions USA, Inc

Contact Name and Title: Barrie Hamm - Sales Engineer

Contact Phone Number: 361.500.8547

Contact Email: barrie.hamm@xylem.com

Landia

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Axial Flow Pumps | EWP2-31.03

PLW Project #: P5K

SUMMARY:

Furnish Axial Flow Pumps (section 44 42 56.40) complete with all required equipment, material, accessories, and appurtenances for a fully operational system, including but not necessarily limited to, control panels, electric motors and components, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents.

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

No. 1. ARK	No. 3	No. 5
No. 2. ARK	No. 4	No. 6

Bid Item	Description	Qty	U/M	Unit Price	Total
1	Mixed Liquor Recycle Pumps	4	LS	\$40,310.00	\$161,240.00
2	Manufacturer's Services	1	LS	N/A	
	Total:				\$161,240.00

Submittals:	<u>4-6</u> Weeks
Fabrication & Delivery:	<u>18-20</u> Weeks

<p><u>Additional Information:</u> Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____</p>
--

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Landia	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Smith Pump Company Contact Name and Title: Jeff McHattie, Outside Sales
Contact Phone Number: 254-776-0377 Contact Email: JeffM@smithpump.com

Work Package 2-38.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Blowers and Control System | EWP2-38.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Blowers and Control System | EWP2-38.01
PLW Project #: P5K

Recommended Bidder: Newman (Gardner Denver)

Twenty-six (26) companies were solicited to bid this scope of supply:
Specifications 44 42 19.20 & 44 42 20.13 - Blowers and Control System

Only two (2) fully submitted a bid on time.

Bidder 1: Newman (Manufacturer: Gardner Denver)

The bidder was the lowest bidder based on cost and ranked first based on the bid tabulation.

Bidder 2: E12 (Manufacturer: Lonestar)

This bidder was the second most responsive bidder based on cost and ranked second on the bid tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_38.01 - Blowers and Control System | Spec. Sec. 44 42 19.20, 44 42 20.13

Bid Tabulation	BUDGETED		Gardner Denver		Lonestar		BIDDER 3		BIDDER 4		BIDDER 5	
			Newman		EI2							
			Units	UOM	Unit Price	Unit Price						
Blower	5	EA	\$ 185,665.43	\$ 928,327.15	\$ 522,000.00	\$ 2,610,000.00	-	-	-	-	-	
Blower Control System	1	LS	\$ 1,161,433.32	\$ 1,161,433.32	\$ 103,750.00	\$ 103,750.00	-	-	-	-	-	
Manufacturer's Services	1	LS	\$ 40,400.00	\$ 40,400.00	\$ 141,600.00	\$ 141,600.00	-	-	-	-	-	
				\$ -		\$ -		\$ -		\$ -	\$ -	
				\$ -		\$ -		\$ -		\$ -	\$ -	
Total: Base Bid				\$ 2,130,160.47		\$ 2,855,350.00		\$ -		\$ -	\$ -	
Total: Base Bid + Alt. 1				\$2,130,160.47		\$2,855,350.00		\$0.00		\$0.00	\$0.00	
% Variance from Low Bid				0.00%		25.40%		0%			0.00%	
Submittals		WK	6	WK	10-12	WK						
Fabrication & Delivery		WK	24	WK	56-62	WK						
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N		N						
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		N						
Agreed American Iron & Steel Req.	Y/N			N/A		N/A						
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y						
Agreed to EPA Fair Share Policy	Y/N			Y		N						
% MWBE Participation	%			0		\$0.00						
Qualification Forms Submitted	Y/N			Y		Y						
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y						

Ranking Tabulation	Weight	1 Newman	2 EI2	3	4	5
Total Base Bid (Lowest Price/Evaluated Proposal Price)	70%	70.00	52.22			
x Points Available = Score	15%	15.00	15.00			
Experience and Qualifications	15%	10.00	10.00			
Compliance with Proposal Terms and Conditions (See list above)	100%	95.00	77.22	0.00		
Total Points						

Date of Recommendation:	10/18/23
Recommended Vendor	Newman
Contract Value:	\$2,130,160.47
Recommended By:	Triston Young, PLW Waterworks

Gardner Denver

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Blowers and Control System | EWP2-38.01

PLW Project #: P5K

SUMMARY:


Furnish Aeration Multistage Centrifugal Blowers (section 44 42 19.20) and Aeration Blower Control Systems (section 44 42 20.13) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, PLC, LCP, MCP as well as programming and interlocks between individual LCPs, MCP and Scada system, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. <u>8/16/23 - AT</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/23 - AT</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Aeration Blowers (38-B-01/02/03/04/05)	5	EA	\$185,665.43	\$928,327.15
2	Aeration Blower Control System	1	LS	\$1,161,433.32	\$1,161,433.32
3	Manufacturer's Services	1	LS	\$40,400.00	\$40,400.00
Total:				\$1,387,498.75	\$2,130,160.47

Submittals: <u>6</u> Weeks Fabrication & Delivery: <u>24</u> Weeks	Additional Information: Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____
---	--

OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>No</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u>	
---	---

PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>Full legal review required</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid.	
---	--

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Gardner Denver Nash LLC

Contact Name and Title: Robert Sexton - Regional Manager

Contact Phone Number: 678-939-2073

Contact Email: robert.sexton@irco.com

Lonestar

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Blowers and Control System | EWP2-38.01

PLW Project #: P5K

SUMMARY:

Furnish Aeration Multistage Centrifugal Blowers (section 44 42 19.20) and Aeration Blower Control Systems (section 44 42 20.13) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, PLC, LCP, MCP as well as programming and interlocks between individual LCPs, MCP and Scada system, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. _____	No. 3 _____	No. 5 _____
No. 2. _____	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Aeration Blowers (38-B-01/02/03/04/05)	5	EA	_____	_____
2	Aeration Blower Control System	1	LS	_____	_____
3	Manufacturer's Services	1	LS	_____	_____
Total:					_____

Submittals:	1000 Weeks
Fabrication & Delivery:	666 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <input type="checkbox"/>
% MWBE participation provided as a part of this bid: % <input type="checkbox"/>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <input type="checkbox"/>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <input type="checkbox"/>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <input type="checkbox"/>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <input type="checkbox"/>



PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): <input type="checkbox"/>
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <input type="checkbox"/>
If NO- Please attach a Request for Modifications to this bid. _____



Named Equipment Manufacturers:

□□□□□□/□□□□ □	M□□□□□□□□ □□□□□□□□□□ □□□□ □□□□□□

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: _____ □□□□□□/□□□□ □

Contact Name and Title: _____ □□ □□□□□□□□□□□□

Contact Phone Number: _____ □□□□□□□□/□

Contact Email: _____ □□□□ □□□□□□/□□□□□□

Work Package 2-45.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal
- » Bidder 4
 - Bid Form
 - Proposal
- » Bidder 5
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR

Spiral Type Clarifier Mechanisms and Weirs and Baffles | EWP2_45.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Spiral Type Clarifier Mechanisms and Weirs and Baffles | EWP2_45.01
PLW Project #: P5K

Recommended Bidder: Newman

Twenty-six (26) companies were solicited to bid this scope of supply:
Specifications 44 42 23 & 44 42 64- Spiral Type Clarifier Mechanisms and Weirs and Baffles

Four (3) fully submitted a bid on time.

Bidder 1: HRM (Manufacturer: Ovivo)

HRM did not supply a quote for Weirs and Baffles but was normalized with the named manufacturers costs. Based on this, they have the second highest cost and ranked second on the bid tabulation.

Bidder 2: E12 (Manufacturer: WesTech)

This bidder was the third most responsive bidder based on cost and ranked third on the bid tabulation.

Bidder 3: Newman (Manufacturer: ClearStream)

This bidder was the lowest in price and ranked first on the bid tabulation. The manufacturer was not preapproved and therefore, this is considered an alternate but based on the supplied information and qualifications we are recommending package upon Engineer/City confirmation.

Bidder 4: Vision Equipment (Envirodyne)

The bidder provided an incomplete bid that did not comply with the scope of work for this package and did not provide satisfactory responses to clarifying questions.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_45.01 - Spiral Type Clarifier Mechanisms and Weirs and Baffles | Spec. Sec. 44 42 23, 44 42 64

Bid Tabulation	BUDGETED		Ovivo	WesTech	ClearStream (Alternate)	Envirodyne (Alternate)				
			HRM	Ei2	Newman	Vision Equipment				
Bid Item	Units	UOM	BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4	
			Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals
Secondary Clarifier Mechanism and Secondary Clarifier Channels	2	EA	\$ 903,043.00	\$ 1,806,086.00	\$ 1,086,576.50	\$ 2,173,153.00	\$ 723,774.00	\$ 1,447,548.00		\$ -
Weirs and Baffles as per drawings	1	LS		Not Included	2 @ 83380.5	\$ 166,761.00	\$ 160,764.00	\$ 160,764.00		Not Included
Manufacturer's Services	1	LS	2 @ 8464.5	\$ 16,929.00	2 @ 51269	\$ 102,538.00		Included		\$ -
				\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 1,823,015.00		\$ 2,442,452.00		\$ 1,608,312.00		\$ 1,881,940.00
Normalization				\$ 150,000.00		\$ -		\$ -		\$ -
Normalized Total:				\$1,973,015.00		\$2,442,452.00		\$1,608,312.00		\$1,881,940.00
% Variance from Low Bid				18.48%		42.28%		0.00%		
Submittals		WK	12	WK	10-12	WK	8	WK		Not provided
Fabrication & Delivery		WK	37	WK	26-28	WK	30	WK		Not provided
Proposal Terms and Conditions:										
Agreed to PLW T&C	Y/N			Y		N		N		Not provided
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Not answered		Y		Not provided
Agreed American Iron & Steel Req.	Y/N			N/A		N/A		N/A		Not provided
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Not answered		NA		Not provided
Agreed to EPA Fair Share Policy	Y/N			Y		Not answered		Y		Not provided
% MWBE Participation	%			0%		0%		0%		0%
Qualification Forms Submitted	Y/N			Y		Y		Y		Not provided
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y		Not provided

Ranking Tabulation		1	2	3	4
Bid Item	Weight	Ovivo	WesTech	ClearStream (Alternate)	Envirodyne (Alternate)
Total Base Bid (Lowest Price/Evaluated Proposal Price) x Points Available = Score	70%	57.06	46.09	70.00	Not Scored
Experience and Qualifications	15%	15.00	15.00	12.00	Not Scored
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	5.00	12.00	Not Scored
Total Points	100%	87.06	66.09	94.00	

Date of Recommendation:	10/05/23
Recommended Vendor	ClearStream (Alternate)
Contract Value:	\$1,608,312.00
Recommended By:	Triston Young, PLW Waterworks

Bid Cost Normalization

#	Description	Ovivo	WesTech	ClearStream	Envirodyne	Notes
1	Weirs and Baffles were not included	\$ 150,000.00	\$ -	\$ -	\$ -	-
2		\$ -	\$ -	\$ -	\$ -	-
3		\$ -	\$ -	\$ -	\$ -	-
4		\$ -	\$ -	\$ -	\$ -	-
5		\$ -	\$ -	\$ -	\$ -	-
6		\$ -	\$ -	\$ -	\$ -	-
7		\$ -	\$ -	\$ -	\$ -	-
8		\$ -	\$ -	\$ -	\$ -	-
9		\$ -	\$ -	\$ -	\$ -	-
10		\$ -	\$ -	\$ -	\$ -	-
	Total	\$ 150,000.00	\$ -	\$ -	\$ -	-

Clear Stream Environmental

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Furnish Spiral Type Clarifier Mechanisms and Weirs and Baffles | EWP2-45.01

PLW Project #: P5K

SUMMARY:

Furnish Spiral Type Clarifier Mechanisms (section 44 42 23) and Weirs and Baffles (section 44 42 64) complete with all equipment, material, accessories, supports, butt plates and appurtenances required for a fully operational system, including but not necessarily limited to control panels, submittals, equipment delivery, spare parts, start-up, labels, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>8/04/2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Secondary Clarifier Mechanism (451-SC-101 and 451-SC-201) + Local Control Panels	2	EA		\$1,447,548
2	Weirs and Baffles as per drawings, specification, and contract documents	1	LS		\$160,764
3	Manufacturer's Services	1	LS		Included in Item 1
Total					\$1,608,315

Submittals: <u>8</u> Weeks Fabrication & Delivery: <u>30</u> Weeks	Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u> % MWBE participation provided as a part of this bid: % <u>0</u>
---	--

OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes*</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>No</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u>	BIDDER NAME & SIGNATURE: Travis Zurcher
--	---

PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>No</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid.

***Clarifiers are exempt from AIS Requirements**

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: ClearStream Environmental Contact Name and Title: Travis Zurcher
 Contact Phone Number: 801-319-4027 Contact Email: travis.z@clearstreameng.com

Ovivo

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Furnish Spiral Type Clarifier Mechanisms and Weirs and Baffles | EWP2-45.01

PLW Project #: P5K

SUMMARY:

Furnish Spiral Type Clarifier Mechanisms (section 44 42 23) and Weirs and Baffles (section 44 42 64) complete with all equipment, material, accessories, supports, butt plates and appurtenances required for a fully operational system, including but not necessarily limited to control panels, submittals, equipment delivery, spare parts, start-up, labels, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>Aug 4, 2023</u>	No. 3	No. 5
No. 2. <u>Aug 16, 2023</u>	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
<input type="checkbox"/>	Secondary Clarifier Mechanism (451-SC-101 and 451-SC-201) + Local Control Panels	2	EA	\$903,043	\$1,806,086
<input type="checkbox"/>	Weirs and Baffles as per drawings, specification, and contract documents	1	LS	Per Addendum 2, by contractor	
<input type="checkbox"/>	Manufacturer's Services	1	LS	\$8,465	\$16,929
	Total			\$911,508	\$1,823,015

Submittals:	<u>12</u> Weeks
Fabrication & Delivery:	<u>37</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u>
% MWBE participation provided as a part of this bid: % <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u>

BIDDER NAME & SIGNATURE:
Tom Leland


PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): <u>Yes</u>
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> *
If NO- Please attach a Request for Modifications to this bid.

* **Ovivo Amendment to T&Cs modifications can be found at the end of our Proposal 1-55-0069.**

Named Equipment Manufacturers:

Ovivo USA, LLC	Secondary Clarifier Specification 44 42 23

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Ovivo USA, LLC

Contact Name and Title: John Vorwaller, Product Mngr.

Contact Phone Number: 801-931-3000

Contact Email: john.vorwaller@ovivowater.com

WesTech Engineering

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Furnish Spiral Type Clarifier Mechanisms and Weirs and Baffles | EWP2-45.01

PLW Project #: P5K

SUMMARY:

Furnish Spiral Type Clarifier Mechanisms (section 44 42 23) and Weirs and Baffles (section 44 42 64) complete with all equipment, material, accessories, supports, butt plates and appurtenances required for a fully operational system, including but not necessarily limited to control panels, submittals, equipment delivery, spare parts, start-up, labels, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. August 4, 2023	No. 3	No. 5
No. 2. August 16, 2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Secondary Clarifier Mechanism (451-SC-101 and 451-SC-201) + Local Control Panels	2	EA	\$1,086,577	\$2,173,153
2	Weirs and Baffles as per drawings, specification, and contract documents	1	LS	\$83,381	\$166,761
3	Manufacturer's Services	1	LS	\$51,269	\$102,538
Total				\$1,221,226**	\$2,442,452

**Not available for single unit purchasing

Submittals:	10-12 Weeks
Fabrication & Delivery:	26-28 Weeks

Additional Information:

Have your firms Pre-Quals been submitted? (yes or no): _____
 % MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): _____
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): _____
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): _____
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): _____

BIDDER NAME & SIGNATURE:

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): No
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) No
 If NO- Please attach a Request for Modifications to this bid. See Terms and Conditions

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Westech Engineering, LLC Contact Name and Title: Mark Fisher, Executive Vice President
 Contact Phone Number: 801.265.1000 Contact Email: munisales@westech-inc.com

Work Package 2-46.01-B

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



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Self-Priming Centrifugal Pumps | EWP2-46.01B
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Self-Priming Centrifugal Pumps | EWP2-46.01B
PLW Project #: P5K

Recommended Bidder: Zone Industries (Gorman Rupp)

Twenty-eight (28) companies were solicited to bid this scope of supply:
Specification 44 42 56.63 - Self-Priming Centrifugal Pumps

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

Bidder 1: Zone Industries (Manufacturer: Gorman Rupp)

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

We believe we will be able to come to terms and execute a contract with Zone Industries for this Bid Package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_46.01B - Self-Priming Centrifugal Pumps | Spec. Sec. 44 42 56.63

Bid Tabulation		Gorman Rupp Zone Industries										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM			Unit Price		Unit Price		Unit Price		Unit Price	
Return of Rated Speed to Self-Priming Centrifugal Pumps in 60 seconds and Case Gates	2	EA		\$ 91,400.00		\$ -		\$ -		\$ -		\$ -
Return of Rated Speed to Self-Priming Centrifugal Pumps in 60 seconds and Case Gates	3	EA		\$ 140,200.00		\$ -		\$ -		\$ -		\$ -
Fast Rated Speed to Self-Priming Centrifugal Pumps in 60 seconds and Case Gates	2	EA		\$ 65,400.00		\$ -		\$ -		\$ -		\$ -
Manufacturer's Services	1	LS		Included		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 297,000.00		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alt. 1				\$297,000.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0.00%				0.00%
Submittals		WK	6	WK								
Fabrication & Delivery		WK	8-10	WK								
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N								
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y								
Agreed American Iron & Steel Req.	Y/N			N/A								
Agreed to Davis-Bacon Wage Rates	Y/N			Y								
Agreed to EPA Fair Share Policy	Y/N			Y								
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y								
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y								

* No Control panels quoted

Ranking Tabulation		1			
Bid Item	Weight	Zone Industries			
Total Base Bid (Lowest Price/Evaluated Proposal Price)					
x Points Available = Score	70%	70.00			
Experience and Qualifications	15%	15.00			
Compliance with Proposal Terms and Conditions (See list above)	10%	15.00			
Total Points	95%	100.00			

Date of Recommendation:	10/05/23
Recommended Vendor	Zone Industries
Contract Value:	\$297,000.00
Recommended By:	Triston Young, PLW Waterworks

Gorman Rupp

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Self-Priming Centrifugal Pumps | EWP2-46.01.B

PLW Project #: P5K

SUMMARY:

Furnish Self-Priming Centrifugal pumps and components (section 44 42 56.63) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, Pump, Motor, VFDs, base plates, submittals, equipment delivery, spare parts, labels, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing subcontractor as specified and described in the Contract Documents.

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

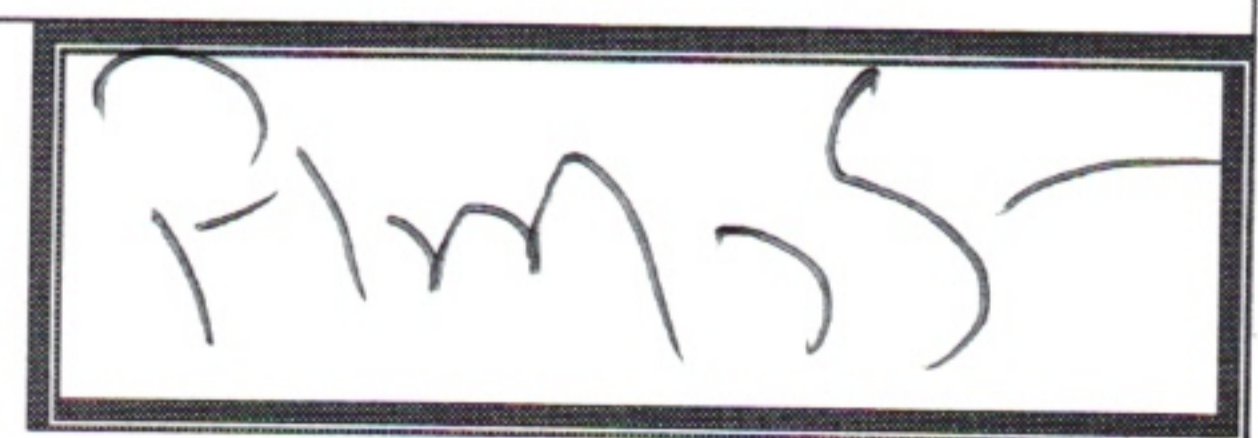
No. 1. <u>CR</u>	No. 3. <u>CR</u>	No. 5. <u>CR</u>
No. 2. <u>CR</u>	No. 4. <u>CR</u>	No. 6. <u>CR</u>

Bid Item	Description	QTY	U/M	Unit Price	Total
1	Return Activated Sludge (RAS) self-priming centrifugal pumps including motors, VFDs, and base plates	2	EA		\$91,400.00
2	Return Activated Sludge (RAS) self-priming centrifugal pumps including motors, VFDs, and base plates	3	EA		\$140,200.00
3	Waste Activated Sludge (WAS) self-priming centrifugal pumps including motors, VFDs, and base plates	2	EA		\$65,400.00
4	Manufacturer's Services	1	LS		Included
	Total				\$297,000.00

Submittals: 6 Weeks
 Fabrication & Delivery: 8-10 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): No
 % MWBE participation provided as a part of this bid: %

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



No VFDs are included in our pricing

PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Vaughan	
Gorman-Rupp	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Zone Industries Contact Name and Title: Conner Roe / Account Manager

Contact Phone Number: 830-360-4619 Contact Email: Croe@zoneindustries.com

Work Package 2-53.01

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



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
UV Weir Troughs | EWP2-53.01
PLW Project #: P5K

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

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
UV Weir Troughs | EWP2-53.01
PLW Project #: P5K

Recommended Bidder: NEFCO

Twenty-four (24) companies were solicited to bid this scope of work to furnish UV Weir Troughs (section 44 43 43) complete with all accessories and appurtenances required for a fully operational system.

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

Bidder 1: NEFCO (Alternate)

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 NEFCO based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with NEFCO for this package.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_53.01 - UV Weir Troughs | Spec. Sec. 44 43 43

Bid Tabulation		NEFCO (Alternate)										
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
UV Weir Troughs	1	LS	\$ 171,970.00	\$ 171,970.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid			\$ 171,970.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total: Base Bid + Alt. 1			\$ 171,970.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
% Variance from Low Bid				0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Submittals		WK	6 - 9									
Fabrication & Delivery		WK	12 - 18									
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Y								
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y								
Agreed American Iron & Steel Req.	Y/N			Y								
Agreed to Davis-Bacon Wage Rates	Y/N			Y								
Agreed to EPA Fair Share Policy	Y/N			Y								
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y								
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y								

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	NEFCO (Alternate)				0
Total Base Bid (Lowest Price/Evaluated Proposal Price)						#DIV/0!
x Points Available = Score	70%	70.00				#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	0.00	0.00		#DIV/0!

Date of Recommendation:	10/05/23
Recommended Vendor	NEFCO (Alternate)
Contract Value:	\$171,970.00
Recommended By:	Triston Young, PLW Waterworks

NEFCO

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

UV Weir Troughs | EWP2-53.01

PLW Project #: P5K

SUMMARY:

Furnish UV Weir Troughs (section 44 43 43) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, submittals, equipment delivery, warranty, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. <u> </u>	No. 3 <u> </u>	No. 5 <u> </u>
No. 2. <u> </u>	No. 4 <u> </u>	No. 6 <u> </u>

Bid Item	Description	Unit	U/M	Unit Price	Total
1	UV Weis Troughs	1	LS	\$171,970. ⁰⁰	\$171,970. ⁰⁰
Total:					\$171,970. ⁰⁰

Submittals:	<u>6-9</u> Weeks
Fabrication & Delivery:	<u>12-18</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u> </u>
% MWBE participation provided as a part of this bid: % <u> 0 </u>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no):
 Agreed to American Iron & Steel Requirements of this Contract (yes or no):
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no):
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no):

10/16/2023

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): UNDER REVIEW
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no)
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

<p style="font-size: 1.2em; margin: 0;">WARMINSTER FIBERGLASS</p>	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: NEFCO SYSTEMS Contact Name and Title: SALES MANAGER
Contact Phone Number: 561-775-9303 Contact Email: CHRIS@NEFCO.US

Work Package 2-55.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal
- » Bidder 4
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Positive Displacement Blowers | EWP2-55.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Positive Displacement Blowers | EWP2-55.01
PLW Project #: P5K

Recommended Bidder: Universal Blower

Twenty-three (23) companies were solicited to bid this scope of work to furnish Positive Displacement Blowers (section 44 42 19.10) complete with all accessories and appurtenances required for a fully operational system.

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

Bidder 1: Universal Blower

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

Bidder 2: Hardy Pro Air

This bidder was the third lowest in price, however, provided a more compliant proposal, thus scored second based on the considered tabulation.

Bidder 3: Newman (Manufacturer: Gardner Denver)

This bidder was the highest in price, thus received the lowest score on cost and considered tabulation.

Bidder 4: Vision (Alternate Manufacturer: United Blower)

This bidder was the second lowest in price, however, scored third based on the considered tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_55.01 - Positive Displacement Blowers | Spec. Sec. 44 42 19.10

Bid Tabulation			Universal Blower			Hardy Pro Air			Gardner Denver			United Blower (Alternate)
							Newman		Vision			
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals
Structural Steel Reinforcement and Rebar	2	EA	\$ 40,170.00	\$ 80,340.00	\$ 56,456.00	\$ 112,912.00	\$ 117,446.12	\$ 234,892.24	47,000	\$ 94,000.00		\$ -
Manufacturer's Services	1	LS	\$ 3,036.00	\$ 3,036.00	\$ 3,500.00	\$ 3,500.00	\$ 40,400.00	\$ 40,400.00		\$ 3,000.00		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 83,376.00		\$ 116,412.00		\$ 275,292.24		\$ 97,000.00		\$ -
	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Normalized Total:				\$83,376.00		\$116,412.00		\$275,292.24		\$97,000.00		\$0.00
% Variance from Low Bid				0%		39.62%		230.18%				0.00%
Submittals		WK		3 - 5		2 - 3		6		2		
Fabrication & Delivery		WK		25 - 27		12 - 16		24		10		
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Y		Y		TBD		N		
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y		Y		Blank		
Agreed American Iron & Steel Req.	Y/N			Y		Y		N/A		Blank		
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y		Y		Blank		
Agreed to EPA Fair Share Policy	Y/N			Y		Y		Y		Blank		
% MWBE Participation	%			0%		0%		0%		Blank		
Qualification Forms Submitted	Y/N			Y		Y		Y		N		
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y		Y		

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Universal Blower	Hardy Pro Air	Gardner Denver	United Blower (Alternate)	0
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	70.00	50.14	21.20	60.17	#DIV/0!
Experience and Qualifications	15%	15.00	14.00	14.00	10.00	
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	15.00	10.00	2.00	
Total Points	100%	100.00	79.14	45.20	72.17	#DIV/0!

Date of Recommendation:	10/05/23
Recommended Vendor	Universal Blower
Contract Value:	\$83,376.00
Recommended By:	Triston Young, PLW Waterworks

Universal Blower

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Positive Displacement Blowers | EWP2-55.01

PLW Project #: P5K

SUMMARY:

Furnish Positive Displacement Blowers (section 44 42 19.10) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, electric motors, local control panels, blower, motor, filters, silencers, drain, instruments, and other components, submittals, spare parts, labels, start-up, testing, inspection, warranty, , equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. 8/4/23	No. 3	No. 5
No. 2. 8/16/23	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post-Aeration Blower 1&2 (551-BLR-101 and 551-BLR-102)	2	EA	\$40,170.00	\$80,340.00
2	Manufacturer's Services	1	LS	\$3,036.00	\$3,036.00
Total:					\$83,376.00

Submittals:	<u>3-5</u> Weeks
Fabrication & Delivery:	<u>25-27</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>no</u>
% MWBE participation provided as a part of this bid: % <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes

Andrew Placek

Digitally signed by Andrew Placek
 DN: cn=Andrew Placek, o=Universal Blower Pac & INOHVA Pneumatics, ou=Sales, email=aplacek@universalblowerpac.com, c=US
 Date: 2023.08.28 11:30:37 -04'00'

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Universal Blower Pac	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Universal Blower Pac, Inc.
 Contact Phone Number: 317-773-7256

Contact Name and Title: Andrew Placek, CRO
 Contact Email: aplacek@universalblowerpac.com

Hardy Pro Air

#2

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Positive Displacement Blowers | EWP2-55.01

PLW Project #: P5K

SUMMARY:

Furnish Positive Displacement Blowers (section 44 42 19.10) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, electric motors, local control panels, blower, motor, filters, silencers, drain, instruments, and other components, submittals, spare parts, labels, start-up, testing, inspection, warranty, , equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. <u>8-4-2023</u> <u>TM</u>	No. 3 _____	No. 5 _____
No. 2. <u>8-16-2023</u> <u>TM</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post-Aeration Blower 1&2 (551-BLR-101 and 551-BLR-102)	2	EA		\$ 112,912.00
2	Manufacturer's Services	1	LS	-	\$ 3,500.00
Total:					\$ 116,412.00

Submittals: 2-3 Weeks
 Fabrication & Delivery: 12-16 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): N/A
 % MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): YES
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): YES
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): YES
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): YES



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): YES
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

u

Named Equipment Manufacturers:

HARDY PRO-AIR SYSTEMS + SERVICE (GARDNER DENVER)	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: HARDY PRO-AIR Contact Name and Title: JAMES MEYER
 Contact Phone Number: SYSTEMS + SERVICE Contact Email: PRESIDENT
847-395-2977 JIM-MEYER@HARDYPROAIR.COM

Gardner Denver

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Positive Displacement Blowers | EWP2-55.01

PLW Project #: P5K

SUMMARY:

Furnish Positive Displacement Blowers (section 44 42 19.10) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, electric motors, local control panels, blower, motor, filters, silencers, drain, instruments, and other components, submittals, spare parts, labels, start-up, testing, inspection, warranty, , equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

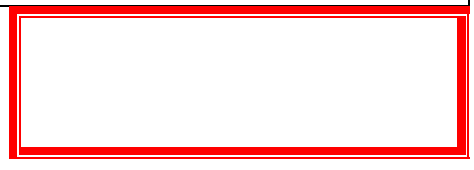
No. 1. 8/16/23 - AT	No. 3	No. 5
No. 2. 8/16/23 - AT	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post-Aeration Blower 1&2 (551-BLR-101 and 551-BLR-102)	2	EA	\$117,446.12	\$234,892.24
2	Manufacturer's Services	1	LS	\$40,400.00	\$40,400.00
Total:				\$157,846.12	\$275,292.24

Submittals:	6 Weeks
Fabrication & Delivery:	24 Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): _____ % MWBE participation provided as a part of this bid: % _____</p>

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>No</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u></p>
--



<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>Full Legal Review Required</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid.</p>
--

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Gardner Denver Nash LLC

Contact Name and Title: Robert Sexton - Regional Manager

Contact Phone Number: 678-939-2073

Contact Email: robert.sexton@rco.com

United Blower

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Positive Displacement Blowers | EWP2-55.01

PLW Project #: P5K

SUMMARY:

Furnish Positive Displacement Blowers (section 44 42 19.10) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, electric motors, local control panels, blower, motor, filters, silencers, drain, instruments, and other components, submittals, spare parts, labels, start-up, testing, inspection, warranty, , equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. August 4, 2023	No. 3	No. 5
No. 2. August 26, 2023	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post-Aeration Blower 1&2 (551-BLR-101 and 551-BLR-102)	2	EA	\$47,000.00	\$97,000.00
2	Manufacturer's Services	1	LS	\$3,000.00	\$3,000.00
Total:				\$50,000.00	\$100,000.00

Submittals: 2 Weeks
 Fabrication & Delivery: 10 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): _____
 % MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): _____
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): _____
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): _____
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): _____

\$99,000.00

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): No
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) __Yes
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: United Blower, Inc.

Contact Name and Title: Wiekert Miolee

Contact Phone Number: (770) 653-6990

Contact Email: wiekert@unitedblower.com

Work Package 2-55.02

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Supplemental Post Aeration System | EWP2-55.02
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Supplemental Post Aeration System | EWP2-55.02
PLW Project #: P5K

Recommended Bidder: Environmental Dynamic International

Twenty-five (25) companies were solicited to bid this scope of work to furnish Diffusers for the Supplemental Post Aeration system (section 44 45 19) complete with all materials, equipment and accessories required for a fully operational system.

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

Bidder 1: Newman (Manufacturer: Environmental Dynamic International)

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

Bidder 2: Hartwell (Manufacturer: Sanitare)

This bidder was the second lowest in price and fulfilled all scope requirements, thus scored second on cost and considered tabulation.

Bidder 3: OVIVO

This bidder was the highest in price, thus received the lowest score on cost and considered tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_55.02 - Post Aeration System | Spec. Sec. 44 45 19

Bid Tabulation			EDI	Xylem - Sanitare		OVIVO						
			Newman	Hartwell								
	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Totals	Totals	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals
Supplemental Aeration Systems	1	LS	\$ 57,700.00	\$ 57,700.00	73,000	\$ 73,000.00	\$ 103,636.00	\$ 103,636.00		\$ -	-	\$ -
Manufacturer's Services	1	LS	\$ 4,700.00	\$ 4,700.00	1,700.00	\$ 1,700.00	\$ 4,335.00	\$ 4,335.00		\$ -	-	\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 62,400.00		\$ 74,700.00		\$ 107,971.00		\$ -		\$ -
	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid + Alt. 1				\$62,400.00		\$74,700.00		\$107,971.00		\$0.00		\$0.00
% Variance from Low Bid				0.00%		19.71%		73.03%				0%
Submittals		WK										
Fabrication & Delivery		WK										
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N		N		Y				
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		NA		Y				
Agreed American Iron & Steel Req.	Y/N			Y		Y		Y				
Agreed to Davis-Bacon Wage Rates	Y/N			Y		NA		Y				
Agreed to EPA Fair Share Policy	Y/N			Y		Y		Y				
% MWBE Participation	%			0%		\$0.00		0%				
Qualification Forms Submitted	Y/N			Y		Y		Y				
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y		Y				

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	EDI	Xylem - Sanitare	OVIVO	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	70.00	58.47	40.46	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	15.00	15.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	14.00	14.00	14.00		
Total Points	100%	99.00	87.47	69.46	#DIV/0!	#DIV/0!

Date of Recommendation:	10/05/23
Recommended Vendor	EDI
Contract Value:	\$62,400.00
Recommended By:	Triston Young, PLW Waterworks

**Environmental
Dynamics
International**

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Supplemental Post Aeration System | EWP2-55.02

PLW Project #: P5K

SUMMARY:

Furnish Diffusers for the Supplemental Post Aeration system (section 44 45 19) complete with all materials, equipment and accessories required for a fully operational system, including but not necessarily limited to, diffuser setup analysis, equipment delivery, verification of system installation, submittals, spare parts, labels, start-up, warranty, conducting acceptance testing and operation.

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

No. 1. 8/4/23 EM	No. 3	No. 5
No. 2. 8/16/23 EM	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post Aeration System	1	LS	\$57,700	\$57,700
2	Manufacturer's Services	1	LS	\$4,700	\$4,700
Total:					\$62,400

Submittals:	6 Weeks
Fabrication & Delivery:	5 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>No</u>
% MWBE participation provided as a part of this bid: <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): Yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Yes (N/A)
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): No
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) No
 If NO- Please attach a Request for Modifications to this bid. See below

In sample PO, EDI cannot agree to 'pay when paid' terms in item 6.

Named Equipment Manufacturers:

Environmental Dynamics International, Inc. (EDI) (Columbia, MO)	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

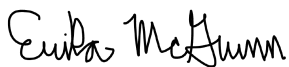
The CMAR reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in the Work, and to negotiate contract terms with the Successful Bidder and the right to disregard all nonconforming, nonresponsive, unbalanced, or conditional Bids. Also, 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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Environmental Dynamics International, Inc. (EDI) Contact Name and Title: Erika McGuinn, Senior Application Engineer

Contact Phone Number: 573-507-5121 Contact Email: erika.mcguinn@wastewater.com



Sanitare

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Supplemental Post Aeration System | EWP2-55.02

PLW Project #: P5K

SUMMARY:

Furnish Diffusers for the Supplemental Post Aeration system (section 44 45 19) complete with all materials, equipment and accessories required for a fully operational system, including but not necessarily limited to, diffuser setup analysis, equipment delivery, verification of system installation, submittals, spare parts, labels, start-up, warranty, conducting acceptance testing and operation.

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

No. 1. <u>06/30/2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>08/15/2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post Aeration System	1	LS	\$73,000.00	\$73,000
2	Manufacturer's Services	1	LS	\$1,700	\$8,500
Total:					\$74,700

Submittals:	<u>10</u> Weeks
Fabrication & Delivery:	<u>12</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Xylem</u>
% MWBE participation provided as a part of this bid: % <u>N/A</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): N/A
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): Yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): N/A
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): No
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) No
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Xylem - Sanitaire	
Local Representative - Hartwell Environmental	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Xylem, Water Solutions USA, Inc.

Contact Name and Title: Sam Plevin - Sales Engineer

Contact Phone Number: 414-207-5385

Contact Email: samuel.plevin@xylem.com

OVIVO

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Supplemental Post Aeration System | EWP2-55.02

PLW Project #: P5K

SUMMARY:

Furnish Diffusers for the Supplemental Post Aeration system (section 44 45 19) complete with all materials, equipment and accessories required for a fully operational system, including but not necessarily limited to, diffuser setup analysis, equipment delivery, verification of system installation, submittals, spare parts, labels, start-up, warranty, conducting acceptance testing and operation.

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

No. 1. <u>Aug 4, 2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>Aug 16, 2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Supplemental Post Aeration System	1	LS	\$103,636	\$103,636
2	Manufacturer's Services	1	LS	\$4,335	\$4,335
Total:				\$107,971	\$107,971

Submittals: <u>8</u> Weeks
Fabrication & Delivery: <u>24</u> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u>
% MWBE participation provided as a part of this bid: % <u>0</u>

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u>

BIDDER NAME & SIGNATURE:
<u>Tom Leland</u>

PLW TERMS & CONDITIONS:
Agreed to PLW Terms and Conditions (yes or no): <u>Yes</u>
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> *
If NO- Please attach a Request for Modifications to this bid.

* **Ovivo Amendment to T&Cs modifications can be found at the end of our Proposal 1-55-0069.**

Named Equipment Manufacturers:

Ovivo USA, LLC	Post Aeration Specification 44 45 19

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Ovivo USA, LLC

Contact Name and Title: Bala Balachandran, Product Mngr.

Contact Phone Number: 512-638-0260

Contact Email: bala.balachandran@ovivowater.com

Work Package 2-56.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Vertical Turbine Pumps | EWP2-56.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Vertical Turbine Pumps | EWP2-56.01
PLW Project #: P5K

Recommended Bidder: Pump Solutions Inc. (PSI)

Twenty-six (26) companies were solicited to bid this scope of work to furnish all Vertical Turbine Pumps (section 44 42 56.23) material, equipment and accessories required.

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

Bidder 1: Pump Solutions Inc (Manufacturer: Simflo)

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

Bidder 2: Smith Pump (Manufacturer: Flowserve)

This bidder was the highest in price, but score second on cost and considered tabulation.

Bidder 3: Zone Industries (Manufacturer: Franklin)

This bidder was the second lowest in price and fulfilled all scope requirements, but was not preapproved, is considered as alternate but due to the lack of information and qualifications supplied, was scored lowest based on considered tabulation.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_56.01 - Vertical Turbine Pumps | Spec. Sec. 44 42 56.23

Bid Tabulation		Simflo Pump Solution		Flowserve Smith Pump		Franklin (Alternate) Zone Industries							
		BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	
Vertical Turbine Pumps	4	EA		\$ 212,586.00	83,351	\$ 333,405.00		\$ 299,000.00		-		-	
Manufacturers Services	1	LS		Included		-		included		-		-	
				-		-		-		-		-	
				-		-		-		-		-	
				-		-		-		-		-	
Total: Base Bid				\$ 212,586.00		\$ 333,405.00		\$ 299,000.00		-		-	
Normalized Total:				\$212,586.00		\$333,405.00		\$299,000.00		\$0.00		\$0.00	
% Variance from Low Bid				0%		56.83%		40.65%				0.00%	
Submittals		WK		2 - 3		6 - 8		1 - 2					
Fabrication & Delivery		WK		19 - 21		32 - 34		12 - 16					
Proposal Terms and Conditions:													
Agreed to PLW T&C				Y		Y		N					
Agreed to TWDB-0551 Supplemental Conditions				Y		Y		Y					
Agreed American Iron & Steel Req.				N/A		N/A		N/A					
Agreed to Davis-Bacon Wage Rates				Y		Y		Y					
Agreed to EPA Fair Share Policy				Y		Y		Y					
% MWBE Participation				0%		0%		0%					
Qualification Forms Submitted				Y		Y		Y					
Acknowledge Receipt of Addendum No 001 to 002				Y		Y		Y					

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Simflo	Flowserve	Franklin (Alternate)	0	0
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	70.00	44.63	49.77	#DIV/0!	#DIV/0!
Experience and Qualifications	15%	15.00	15.00	10.00		
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	15.00	13.00		
Total Points	100%	95.00	74.63	72.77	#DIV/0!	#DIV/0!

Date of Recommendation:	10/05/23
Recommended Vendor	Simflo
Contract Value:	\$212,586.00
Recommended By:	Triston Young, PLW Waterworks

Simflo

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vertical Turbine Pumps| EWP2-56.01

PLW Project #: P5K

SUMMARY:

Furnish Vertical Turbine Pumps (section 44 42 56.23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to pump, motor, VFDs, submittals, equipment delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>8/4/23</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/15/23</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Vertical Turbine Pumps (561-P-101, 561-P-102, 561-P-103, 561-P-104)	4	EA	212,586.00	
2	Manufacturer's Services	1	LS		
Total					212,586.00

Submittals:	<u>2-3</u> Weeks
Fabrication & Delivery:	<u>19-21</u> Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): _____</p> <p>% MWBE participation provided as a part of this bid: % _____</p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Y

Agreed to American Iron & Steel Requirements of this Contract (yes or no): Y

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Y

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Y



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

SIMFLO	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Pump Solutions, Inc. Contact Name and Title: Cole Green - Sales
 Contact Phone Number: 512-809-2302 Contact Email: Cole@pumpsolutions.net

Flowserve

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vertical Turbine Pumps | EWP2-56.01

PLW Project #: P5K

SUMMARY:

Furnish Vertical Turbine Pumps (section 44 42 56.23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to pump, motor, VFDs, submittals, equipment delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. ARK	No. 3	No. 5
No. 2. ARK	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
<input type="checkbox"/>	Vertical Turbine Pumps	4	EA	\$83,351.25	\$333,405.00
<input type="checkbox"/>	Manufacturer's Services	1	LS	N/A	
	Total				\$333,405.00

Submittals:	6-8 Weeks
Fabrication & Delivery:	32-34 Weeks

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): _____</p> <p>% MWBE participation provided as a part of this bid: % _____</p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes

Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Flowserve	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Smith Pump Company Contact Name and Title: Jeff McHattie, Outside Sales
 Contact Phone Number: 254-776-0377 Contact Email: JeffM@smithpump.com

Franklin

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Vertical Turbine Pumps | EWP2-56.01

PLW Project #: P5K

SUMMARY:

Furnish Vertical Turbine Pumps (section 44 42 56.23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to pump, motor, VFDs, submittals, equipment delivery, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. CR	No. 3 CR	No. 5 CR
No. 2. CR	No. 4 CR	No. 6 CR

Bid Item	Description	Unit	U/M	Unit Price	Total
<input type="checkbox"/>	Vertical Turbine Pumps	4	EA		\$299,000.00
<input type="checkbox"/>	Manufacturer's Services	1	LS		
Total					\$299,000.00

Submittals:	1-2 Weeks
Fabrication & Delivery:	12-16 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>No</u>
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): no
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Zone Industries Contact Name and Title: Conner Roe / Account Mnager
 Contact Phone Number: 830-360-4619 Contact Email: croe@zoneindustries.com

Work Package 2-70.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Jet Aeration System and Recirculation Pumps and Blowers

| EWP2-70.01

PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Jet Aeration System and Recirculation Pumps and Blowers

| EWP2-70.01

PLW Project #: P5K

Recommended Bidder: Mass Transfer Systems

Twenty-five (25) companies were solicited to bid this scope of work to furnish Jet Aeration System for mixing and aerating the Aerated Sludge Holding Tanks (section 44 45 20) complete with all accessories and appurtenances required for a fully operational system.

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

Bidder 1: Mass Transfer Systems

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

Bidder 2: Smith Pump Company (Manufacturer: Landia)

The bidder provided an incomplete bid that did not comply with the scope of work for this package.

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_70.01 - Jet Aeration System and recirculation pumps and blowers | Spec. Sec. 44 45 20

Bid Tabulation		MTS		Lanida (Alternate)								
		Newman		Smith Pump								
		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5		
Bid Item	Units	UOM	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals	Unit Price	Totals
Jet Aeration System (incl. diffusers, manifolds, etc.)	1	LS	180,050.00	\$ 180,050.00	-	Excluded	-	\$ -	-	\$ -	-	\$ -
SS Recirculation Pumps (incl. diffusers)	3	EA	49,750.00	\$ 149,250.00	-	\$ 127,000.00	-	\$ -	-	\$ -	-	\$ -
SS/T Jet Aeration Diffusers	3	EA	47,000.00	\$ 141,000.00	-	Excluded	-	\$ -	-	\$ -	-	\$ -
Manufacturer's Services	1	LS	5,000.00	\$ 5,000.00	-	Included	-	\$ -	-	\$ -	-	\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 475,300.00		NON COMPLIANT		\$ -		\$ -		\$ -
Total: Base Bid + Alt. 1				\$475,300.00		\$0.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				0%		0.00%		0%		0.00%		0.00%
Submittals		WK		5 - 7		4 - 6						
Fabrication & Delivery		WK		16 - 22		18 - 20						
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			Y		Y						
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y						
Agreed American Iron & Steel Req.	Y/N			N/A		N/A						
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y						
Agreed to EPA Fair Share Policy	Y/N			Y		Y						
% MWBE Participation	%			0%								
Qualification Forms Submitted	Y/N			Y		Y						
Acknowledge Receipt of Addendum No 001 to 002	Y/N			Y		Y						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	MTS	Lanida (Alternate)			
Total Base Bid (Lowest Price/Evaluated Proposal Price)	70%	70.00	Not Scored			
x Points Available = Score						
Experience and Qualifications	15%	15.00	Not Scored			
Compliance with Proposal Terms and Conditions (See list above)	15%	15.00	Not Scored			
Total Points	100%	100.00	0.00			

Date of Recommendation:	10/05/23
Recommended Vendor	Mass Transfer Systems
Contract Value:	\$475,300.00
Recommended By:	Triston Young, PLW Waterworks

Mass Transfer Systems

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Jet Aeration System and Recirculation Pumps and Blowers

| EWP2-70.01

PLW Project #: P5K

SUMMARY:

Furnish Jet Aeration System for mixing and aerating the Aerated Sludge Holding Tanks (section 44 45 20) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, two (2) submerged jet manifolds, each provided with in basin liquid and air distribution piping and two (2) flush out systems, complete with necessary supports and hardware, three (3) external centrifugal chopper pumps (two duty, one standby) for liquid recirculation, and three (3) positive displacement blowers (two duty, one standby) for airflow, submittals, spare parts, labels, start-up, testing, inspection, warranty, equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. <input type="text"/>	No. 3 <input type="text"/>	No. 5 <input type="text"/>
No. 2. <input type="text"/>	No. 4 <input type="text"/>	No. 6 <input type="text"/>

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Jet Aeration System (including piping, manifolds,...)	1	LS	<input type="text"/>	<input type="text"/>
2	ASH Recirculation Pumps (702-RCP-101, 702-RCP-201, 702-RCP-301)	3	EA	<input type="text"/>	<input type="text"/>
3	ASHT Jet Aeration Blowers (703-B-101, 703-B-201, 703-B-301)	3	EA	<input type="text"/>	<input type="text"/>
4	Manufacturer's Services	1	LS	<input type="text"/>	<input type="text"/>
Total:					

Submittals:	<input type="text"/> Weeks
Fabrication & Delivery:	<input type="text"/> Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): <u>Y</u> <input type="checkbox"/> <u>S</u> <input type="checkbox"/>
% MWBE participation provided as a part of this bid: % <u> </u> <input type="text"/>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Yes

Agreed to American Iron & Steel Requirements of this Contract (yes or no): Yes

Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Yes

Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

Mass Transfer Systems

PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Mass Transfer Systems	<input type="checkbox"/> Aerlen <input type="checkbox"/> MTS <input type="checkbox"/> Mass Transfer Systems
<input type="checkbox"/> Aerlen <input type="checkbox"/> MTS <input type="checkbox"/> Mass Transfer Systems	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Mass Transfer Systems

Contact Name and Title: David D. Dran

Contact Phone Number:

Contact Email: da@d.d.dran@mts.etsm.com

Landia

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Jet Aeration System and Recirculation Pumps and Blowers

| EWP2-70.01

PLW Project #: P5K

SUMMARY:

Furnish Jet Aeration System for mixing and aerating the Aerated Sludge Holding Tanks (section 44 45 20) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to, two (2) submerged jet manifolds, each provided with in basin liquid and air distribution piping and two (2) flush out systems, complete with necessary supports and hardware, three (3) external centrifugal chopper pumps (two duty, one standby) for liquid recirculation, and three (3) positive displacement blowers (two duty, one standby) for airflow, submittals, spare parts, labels, start-up, testing, inspection, warranty, equipment delivery, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications and contract documents.

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

No. 1. ARK	No. 3	No. 5
No. 2. ARK	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Jet Aeration System (including piping, manifolds,...)	1	LS		N/A
2	ASH Recirculation Pumps (702-RCP-101, 702-RCP-201, 702-RCP-301)	3	EA		\$127,000.00
3	ASHT Jet Aeration Blowers (703-B-101, 703-B-201, 703-B-301)	3	EA		N/A
4	Manufacturer's Services	1	LS		
	Total:				\$127,000

Submittals:	4-6 Weeks
Fabrication & Delivery:	18-20 Weeks

Additional Information:
Have your firms Pre-Quals been submitted? (yes or no): _____
% MWBE participation provided as a part of this bid: % _____

OWNER REQUIRED- Due to TWDB being the project funding source:
Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>yes</u>
Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes</u>
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>yes</u>
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>yes</u>



PLW TERMS & CONDITIONS:

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

If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____

If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Landia	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Smith Pump Company

Contact Name and Title: Jeff McHattie, Outside Sales

Contact Phone Number: 254-776-0377

Contact Email: JeffM@smithpump.com

Work Package 2-72.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal
- » Bidder 4
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Centrifuge Equipment | EWP2-72.01
PLW Project #: P5K

Enclosed is a recommendation for the selection of a supplier to provide services for the above-mentioned project. All bids have been evaluated, irregularities between proposals were clarified with bidders and factored into evaluation. This package is mechanical equipment/system and not considered construction materials, per EPA Memorandum regarding American Iron and Steel provisions dated March 20, 2014.

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

- Bid Tabulation and Comparison Charts (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Centrifuge Equipment| EWP2-72.01
PLW Project #: P5K

Recommended Bidder: Flottweg

Twenty-seven (27) companies were solicited to bid this scope of work to furnish all Centrifuge Equipment (section 43 22 23) material, equipment and accessories required.

Four companies fully submitted a bid on time.

Bidder 2: Flottweg

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

Bidder 1: Alfa Laval

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

Bidder 3: Global Wet (Manufacturer Centrisys)

This bidder was highest in price, thus scored last on cost and considered tabulation.

Bidder 4: Andritz

This bidder was lowest in price, however, based on experience and qualifications, scored second on considered tabulation

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

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP2_72.01 - Centrifuge Equipment | Spec. Sec. 43 22 23

Bid Tabulation		Alfa Laval	Flottweg	Centrisys (Alternate)	Andritz						
		Global Wet									
		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM		Unit Price		Unit Price		Unit Price		Unit Price	
Centrifuge Equipment	1	LS	1,214,334.00	\$ 1,214,334.00	1,235,042	\$ 1,235,042.00	\$ 1,474,500.00	\$ 1,474,500.00	1,169,000	\$ 1,169,000.00	\$ -
Manufacturer's Services	1	LS	79,325.00	\$ 79,325.00	\$ 59,300.00	\$ 59,300.00	\$ -	\$ -	110,000.00	\$ 110,000.00	\$ -
				\$ -		\$ -		\$ -		\$ -	\$ -
				\$ -		\$ -		\$ -		\$ -	\$ -
				\$ -		\$ -		\$ -		\$ -	\$ -
Total: Base Bid			\$ 1,293,659.00		\$ 1,294,342.00		\$ 1,474,500.00		\$ 1,279,000.00		\$ -
				\$ -		\$ -		\$ -		\$ -	\$ -
Total: Base Bid + Alt. 1			\$1,293,659.00		\$1,294,342.00		\$1,474,500.00		\$1,279,000.00		\$0.00
% Variance from Low Bid			1%		1.20%		15.29%		0.00%		0.00%
Submittals		WK	8 to 12		6 to 8				6		
Fabrication & Delivery		WK	46 to 50		60				36 to 40 weeks		
Proposal Terms and Conditions:											
Agreed to PLW T&C	Y/N		N		N				N		
Agreed to TWDB-0551 Supplemental Conditions	Y/N		Y		Y				Y		
Agreed American Iron & Steel Req.	Y/N		N/A		N/A		N/A		N/A		
Agreed to Davis-Bacon Wage Rates	Y/N		Y		NA				Y		
Agreed to EPA Fair Share Policy	Y/N		Y		Y				N		
% MWBE Participation	%				0				0%		
Qualification Forms Submitted	Y/N		N		Y				N		
Acknowledge Receipt of Addendum No 001 to 002	Y/N		Y		Y				Y		

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	Alfa Laval	Flottweg	Centrisys (Alternate)	Andritz	0
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	70%	69.21	69.17	60.72	70.00	
Experience and Qualifications	15%	10.00	15.00	5.00	14.00	
Compliance with Proposal Terms and Conditions (See list above)	15%	10.00	12.00	10.00	12.00	
Total Points	100%	89.21	96.17	75.72	96.00	

Date of Recommendation:	10/05/23
Recommended Vendor	Flottweg
Contract Value:	\$1,294,342.00
Recommended By:	Triston Young, PLW Waterworks

Flottweg

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Centrifuge Equipment | EWP2-72.01

PLW Project #: P5K

SUMMARY:

Furnish Centrifuge Equipment (section 43 22 23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to PLCs, MCPs, LCPs, diverter gates, motor, drive units, submittals, equipment delivery, labels or nameplates, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. 08-04-23 <i>RET</i>	No. 3 _____	No. 5 _____
No. 2. 08-16-23 <i>RET</i>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Centrifuge Equipment	1	LS	\$1,235,042.00	\$1,235,042.00
2	Manufacturer's Services	1	LS	\$59,300.00	\$59,300.00
Total					\$1,294,342.00

Submittals:	6-8 Weeks
Fabrication & Delivery:	60 Weeks

Additional Information:
 Have your firms Pre-Quals been submitted? (yes or no): Yes
 % MWBE participation provided as a part of this bid: %0

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): Yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): N/A
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes



PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): No
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) Yes
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Flottweg Separation Technology, Inc. Contact Name and Title: Michael Stone-Regional Manager

Contact Phone Number: (513) -340-1419 Contact Email: mstone@flottweg.net

Alfa Laval

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Centrifuge Equipment | EWP2-72.01

PLW Project #: P5K

SUMMARY:

Furnish Centrifuge Equipment (section 43 22 23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to PLCs, MCPs, LCPs, diverter gates, motor, drive units, submittals, equipment delivery, labels or nameplates, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>8/4/23</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/23</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Centrifuge Equipment	1	LS	\$ 607,167.00	\$ 607,167.00
2	Manufacturer's Services	1	LS	\$ 79,325.00	\$ 79,325.00
Total					\$ 686,492.00

Submittals:	<u>8-12</u> Weeks
Fabrication & Delivery:	<u>46-50</u> Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>No</u> % MWBE participation provided as a part of this bid: % <u>N/A</u></p>
--

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>Yes</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>Yes</u></p>	
---	--

<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>No</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid. <u>Per previous agreed terms on the contract with</u></p>
--

South Lake WTP (PLW Job #: PSF)
Please see attached

Named Equipment Manufacturers:

Alfa Laval, Inc.	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Alfa Laval, Inc.

Contact Name and Title: Marc Arquit - Regional Sales Manager

Contact Phone Number: 713-882-1286

Contact Email: marc.arquit@alfalaval.com

Centrisys

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Centrifuge Equipment | EWP2-72.01

PLW Project #: P5K

SUMMARY:

Furnish Centrifuge Equipment (section 43 22 23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to PLCs, MCPs, LCPs, diverter gates, motor, drive units, submittals, equipment delivery, labels or nameplates, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. <u>August 4, 2023</u>	No. 3 _____	No. 5 _____
No. 2. <u>August 16, 2023</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Centrifuge Equipment	1	LS	\$1,474,500	\$1,474,500
2	Manufacturer's Services	1	LS	Included	Included
Total					\$1,474,500

Submittals:	<u>4 - 6</u> Weeks
Fabrication & Delivery:	<u>40 - 50</u> Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u> % MWBE participation provided as a part of this bid: % _____</p>
--

OWNER REQUIRED- Due to TWDB being the project funding source:
 Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): Yes
 Agreed to American Iron & Steel Requirements of this Contract (yes or no): Yes
 Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): Yes
 Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): Yes

Global WET
Daytha Rogers
 o/b/o Joju Abraham

PLW TERMS & CONDITIONS:
 Agreed to PLW Terms and Conditions (yes or no): Yes
 If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) _____
 If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

Centrisys	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: Global WET

Contact Name and Title: Joju Abraham, President

Contact Phone Number: 512-560-9952

Contact Email: j Abraham@globalwet.com

Andritz

Bid Form for Purchase Order

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Centrifuge Equipment | EWP2-72.01

PLW Project #: P5K

SUMMARY:

Furnish Centrifuge Equipment (section 43 22 23) complete with all accessories and appurtenances required for a fully operational system, including but not necessarily limited to PLCs, MCPs, LCPs, diverter gates, motor, drive units, submittals, equipment delivery, labels or nameplates, spare parts, start-up, testing, inspection, warranty, training, and coordination with CMAR and installing contractor as specified and described in the plans, specifications, and contract documents.

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

No. 1. 8/04/23 BSR	No. 3	No. 5
No. 2. 8/16/2023 BSR	No. 4	No. 6

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Centrifuge Equipment	1	LS		\$1,169,000
2	Manufacturer's Services	1	LS		\$110,000
	Total				\$1,279,000

Submittals:	6 Weeks
Fabrication & Delivery:	36-40 Weeks

<p>Additional Information: Have your firms Pre-Quals been submitted? (yes or no): <u>NO</u> % MWBE participation provided as a part of this bid: <u>0%</u></p>

<p>OWNER REQUIRED- Due to TWDB being the project funding source: Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): <u>Yes*</u> Agreed to American Iron & Steel Requirements of this Contract (yes or no): <u>yes*</u> Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): <u>Yes*</u> Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): <u>NO*</u></p>
--

See attached clarifications

<p>PLW TERMS & CONDITIONS: Agreed to PLW Terms and Conditions (yes or no): <u>No</u> If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) <u>No</u> If NO- Please attach a Request for Modifications to this bid. Attached Request for Modifications</p>

Named Equipment Manufacturers:

ANDRITZ Separation Technologies Inc.	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

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

Company Name: ANDRITZ Separation Technologies Inc. Contact Name and Title: Bruce SoRelle- National Sales Manager
 Contact Phone Number: (817)266-9732 Contact Email: bruce.sorelle@andritz.com

Work Package 3-01.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal
- » Bidder 3
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Site Establishment | EWP3-01.01
PLW Project #: P5K

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 (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Site Establishment | EWP3-01.01
PLW Project #: P5K

Recommended Bidder: WPM Construction Services, Inc.

Seventeen (17) companies were solicited to bid on this scope of work to:

Prepare and submit for approval a Stormwater Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI) permit application in accordance with TECQ as per section 01 41 26. Install all temporary Erosion and Sediment Control (ESC), flood control, tree protection measures, reinforced silt fencing, construction entrances, and drain inlet protection.

Removal and/or demolition of existing buildings and structures per Contract Documents, including but not limited to (house, barn, tanks, monitoring well, fence, gravel road, lighting, etc.) and utilities. Clearing, grubbing, scalping, and stripping (including trees and roots removal) site including upland pond 1 and transfer of water to upland pond no.2 as per Contract Documents. Include the cost of removal of all demolished material from the site. Any dumping fees required will be included in the cost proposal. Provide an estimated time for completion of required work.

Furnish all labor, material, equipment, supplies, and supervision to perform the excavation to subgrade level for all structures, facilities, and all site, slope, and ditch construction, to build the stormwater detention pond and all required outfall structures and storm drainage elements (within the limit of the scope described), including but not limited to concrete and reinforcement supply or precast structures furnish and install as specified herein and in the Contract Documents.

Furnish all labor, material, equipment, supplies and supervision for provision of primary construction access roads, site lay down areas and site prep for office trailer area as specified herein.



Only two (2) fully submitted a bid on time and in compliance with the scope of work and requirements.

Bidder 1: WPM Construction Services, Inc.

The bidder was the second lowest bidder but received the highest score on considered tabulation.

Bidder 2: TCG TR Construction Group

This bidder was the lowest cost, but did not include the full whole scope of work and has not confirmed compliance with the TWDB requirements, thus scored second in the bid tabulation based on the scoring criteria.

Bidder 3: Ranger

Nonresponsive.

We recommend proceeding with the bid proposal from WPM Construction Services, Inc. based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with WPM Construction Services, Inc. for this package as PLW has experience working with them.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP3_01.01 - SWPP, Site Demolition, and Earthworks (including storm drains/outfall structures)

Bid Tabulation		WPM		Trinity		Ranger							
		BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
Bid Item	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	
Mobilization / Demobilization (Max. 3% of Lump Sum Bid Price)	1	LS	\$ 322,000.00	\$ 322,000.00		\$ -		\$ -		\$ -		\$ -	
Trench Safety	1	LS	\$ 2,400.00	\$ 2,400.00		\$ -		\$ -		\$ -		\$ -	
SWPP Plan and NOI permits	1	LS	\$ 13,800.00	\$ 13,800.00		Excluded		\$ -		\$ -		\$ -	
Install all Temporary Erosion, Sediment and Flood control and Tree Protection	1	LS	\$ 119,000.00	\$ 119,000.00		Excluded		\$ -		\$ -		\$ -	
Reinforced Silt Fencing	1	LF	Included	Included		Excluded		\$ -		\$ -		\$ -	
Construction Entrance Installation	1	LS	\$ 18,000.00	\$ 18,000.00		Excluded		\$ -		\$ -		\$ -	
Removal and/or Demolition of all existing building, structures, utilities, equipment, etc.)	1	LS	\$ 60,000.00	\$ 60,000.00		Excluded		\$ -		\$ -		\$ -	
Clear, grub, scalp and strip (including trees and roots removal)	1	LS	\$ 210,000.00	\$ 210,000.00		Excluded		\$ -		\$ -		\$ -	
Storm Water Detention Pond (including upland Pond No.1 - Dewater and transfer to pond no.2)	1	LS	\$ 182,000.00	\$ 182,000.00		Excluded		\$ -		\$ -		\$ -	
On site Excavation and Haul	1	LS	\$ 1,384,000.00	\$ 1,384,000.00	\$ 2,757,500.00	\$ 2,757,500.00		\$ -		\$ -		\$ -	
Furnish Borrow Select Fill	1	LS	\$ 704,000.00	\$ 704,000.00		Included		\$ -		\$ -		\$ -	
Place and Compact	1	LS	\$ 931,000.00	\$ 931,000.00		Included		\$ -		\$ -		\$ -	
Slope & Ditch Bottom paving	1	LS	\$ 25,000.00	\$ 25,000.00		Excluded		\$ -		\$ -		\$ -	
Outfall Structures	1	LS	\$ 85,600.00	\$ 85,600.00		Excluded		\$ -		\$ -		\$ -	
Storm Drainage elements and appurtenances (including precast and/or in situ concrete) as limited in the scope	1	LS		Alternate		Excluded		\$ -		\$ -		\$ -	
Furnish and install material for office trailer area	1	LS	\$ 246,000.00	\$ 246,000.00	\$ 1,921,980.00	\$ 1,921,980.00		\$ -		\$ -		\$ -	
Furnish and install material for temporary construction roads	1	LS	\$ 454,000.00	\$ 454,000.00		Included		\$ -		\$ -		\$ -	
Furnish and install material for site laydown areas	1	LS	\$ 1,335,000.00	\$ 1,335,000.00		Included		\$ -		\$ -		\$ -	
Total: Base Bid				\$ 6,091,800.00		\$ 4,679,480.00		Not Compliant		\$ -		\$ -	
	1	LS		\$ -		\$ -		\$ -		\$ -		\$ -	
Normalization						\$ 713,403.67							
Total: Base Bid + Alt. 1				\$6,091,800.00		\$5,392,883.67		\$0.00		\$0.00		\$0.00	
Submittals		WK		2									
Fabrication & Delivery		WK		12									
Erection		WK		N/A									
Duration of Construction		Days											
Proposal Terms and Conditions:													
Agreed to PLW T&C		Y/N		Y		N							
Agreed to TWDB-0551 Supplemental Conditions		Y/N		Y		N							
Agreed American Iron & Steel Req.		Y/N		Y		N							
Agreed to Davis-Bacon Wage Rates		Y/N		Y		N							
Agreed to EPA Fair Share Policy		Y/N		Y		N							
% MWBE Participation		%		10%		N							
Qualification Forms Submitted		Y/N		Y		N							
Acknowledge Receipt of Clarification No 001 to 003		Y/N		Y		N							

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	WPM	Trinity	Ranger		
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	50%	44.26	50.00	Not Compliant		
Technical Proposal - Safety	10%	10.00	0.00	Not Compliant		
Technical Proposal - Experience and Qualifications	30%	30.00	15.00	Not Compliant		
Compliance with Proposal Terms and Conditions (See list above)	10%	10.00	0.00	Not Compliant		
Total Points	100%	94.26	65.00	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	WPM
Contract Value:	\$6,091,800.00
Recommended By:	Triston Young, PLW Waterworks

Bid Cost Normalization

#	Description	WPM	Trinity	Ranger	Notes
	Install all Temporary Erosion, Sediment and				
1	Flood control and Tree Protection	\$	- \$ 119,000.00	\$	-
2	Reinforced Silt Fencing	\$	- \$ 3.67	\$	-
3	Construction Entrance Installation	\$	- \$ 18,000.00	\$	-
	Removal and/or Demolition of all existing				
4	building, structures, utilities, equipment, etc.)	\$	- \$ 60,000.00	\$	-
	Clear, grub, scalp and strip (including trees and				
5	roots removal)	\$	- \$ 210,000.00	\$	-
	Storm Water Detention Pond (including upland				
	Pond No.1 - Dewater and transfer to pond				
6	no.2)	\$	- \$ 182,000.00	\$	-
7	Slope & Ditch Bottom paving	\$	- \$ 25,000.00	\$	-
8	Outfall Structures	\$	- \$ 85,600.00	\$	-
9	SWPP Plan and NOI permits	\$	- \$ 13,800.00	\$	-
10		\$	- \$ -	\$	-
	TOTAL	\$	- \$ 713,403.67		

WPM Construction Services

Client: PLW
Attn:
Project: Wilbarger Creek Regional Waste Water Treatment Facility - EWP3-01.01
Date: 9/7/2023

Based on: Bid documents provided by client through addendum 3

Scope

General Inclusions

Single mobilization
Layout based on control points provided by others
Haul & place own excess excavated materials/spoils to berm at front of property
General adherence to Scope Summary Document for EWP3-01.01 provided in front end docs
Temporary perimeter site fence consisting of 6' chain link fencing with posts in dirt

3,4,5,6 SWPPP related

Create SWPPP Plan, signage, postings
File NOI with related fees
Install erosion controls per 03 series Demolition and Erosion Control sheets
No trees shown to be protected on plans, no fencing or planking included
Related periodic inspections
Maintenance of installed controls for 12 months from installation date

7 Demolition/Removals

Demolition and Removals of items per 03 series Demolition and Erosion Control sheets

8 Clear, Grub, Scalp, and Strip

Clearing for areas within limits of grading with root removals as noted in documents
Individual trees not listed/shown on plan, so removal limits are grading limits
Stripping of topsoil/vegetative materials, stockpile for reuse as final site topsoil

9 Storm Water Detention Pond

Cut and fill for detention pond
Dewatering of existing Upland Pond No. 1 over to existing Upland Pond No. 2
specific mucking requirements of existing pond area prior to fill not clear. WPM will scarify existing pond bottom once water removed
Rock rip rap at spillway

10 On Site Excavation & Haul

General site cuts and hauling to onsite fill locations
all excavated materials to be reused in non-select fill applications
Excavated material from structure excavations below to be used to make upshortfall of site cut and fill balance. No import of common fill material included to meet site grades. This means that until some portion of structures are excavated, site cannot be filled to proposed grades.
Excavations to 6" below bottom of void forms +/- 0.10'
12 - Headworks #1
13 - ILS/HW #1 Foul Air Facility
14 - ILS/HW Electrical Building #1
31 - Aeration Basins
38 - Blower Building
40 - Mixed Liquor Splitter Box
45 - Secondary Clarifiers #1 & #2
46 - RAS/WAS Pump Stations
50 - Tertiary Filters
53 - UV Facility (includes adjacent 52, 55, 56)
54 - UV Electrical Building #1

60 - Aluminum Sulfate Building
70 - Aerated Sludge Holding Tanks
72 - Biosolids Handling Building
85 - Operations and Laboratory Building
86 - Maintenance and Storage Building
88 - Main Plant Electrical Building

Excavations to 6" below bottom of slabs +/- 0.10'

Generator foundation slab excavations (2) per D03 3300-902

Foul Air Fan Pad

Flow Meter Vault

11 **Furnish Borrow Select Fill**

Furnish & deliver select fill materials - select fill to be TxDOT item 247 grade 3 base or better

12 **Place & Compact**

Place onsite excavated material in non-select fill locations

Place select fill 6" depth under void forms +/- 0.10'

Place select fill 12" depth under generator foundations per D03 3300-902

Place select fill 12" depth under building equipment pads, flow meter vault, foul air fan pad

Respread of site stripped material as topsoil in non-structure, non-pavement areas

Moisture condition road subgrades 6" depth, +/- 0.10'

13 **Slope & Ditch Bottom Paving**

Grading of ditches profiled in 04 series Grading & Drainage sheets

Concrete emergency spillway at detention pond

Respread of site stripped material as topsoil

14 **Outfall Structures**

Flared End Section for 88" x 54" CCFRPMPA (actually 96" round pipe per item 15 comments below)

Flared End Section for 36" CCFRPMP

Detention Outlet Control Box

Hydraulic Box

Outfall Structure w/rock riprap

Excavation and backfill of these structures is included

15 **Storm Drainage**

Piping, installation, backfill, structures

Trenches per detail D31 2323-001-TX and other 2323 series, not 2316-002

trenches backfilled above bedding zones with onsite material

Drawing 04-GR527: From SDMH-SD04-01 to pond (including SDMH-SD03-02)

Drawing 04-GR533 and 04-GR534

Drawing 04-GR535: From and including SDMH-SD02-01 to pond

Drawing 04-GR536: 72" Piping (Detention Outlet Control Box in Outfall Structures section)

Drawing 04-GR543, 04-GR544, 04-GR545, and 04-GR552: 72" piping (Hydraulic box and Outfall Structure in Outfall Structures section), 36" piping (per profile is 36", plan shows 24")

Acceptance Testing: televising. Assumed testing given in specs for "gravity sewer" is for wastewater lines only.
no pressure or hydrostatic testing of storm lines included

Inlets per D33 4900-001

Junction box detail not found

FES in Outfall Structures section

Specified pipe CCFRPMP & CCFRPMPA manufacturer, Hobas, says they were not consulted on the use of their pipe in this application. They have reservations about suitability. CCFRPMPA has no spec section and per manufacturer, is not a product they make. They do have various non circular (NC) pipe but none for the size/shape in the plans and this type of pipe is not intended for direct bury applications. Manufacturer substituted 96" dia round pipe in lieu of 88"x54". Specification also lacking stiffness parameters. Pipe material in this bid is subject to change and needs further engineering review. Pipe manufacturer may have specific embedment requirements not currently designed.

16 Furnish and Install Material for Office Trailer Area

Based on 02-C201 Temporary Facilities plan "Field offices/conference room" hatching
Grading/leveling of area
Geotextile fabric (8oz) across area
6" of base rock across area - to be commercial base, not TxDOT
4" of gravel across area

17 Furnish and Install Material for Temporary Construction Roads

Based on SOW Attachment B and 30' road width
Grading/leveling of areas
Geotextile fabric (8oz) across areas
3x5 Bull Rock at 8" depth

18 Furnish and Install Material for Material Laydown Areas

Based on 02-C201 Temporary Facilities plan "Contractor laydown area" hatching
Grading/leveling of areas
Geotextile fabric (8oz) across areas
6" of base rock across areas - to be commercial base, not TxDOT
4" of gravel across areas

Exclusions/Qualifications

Materials testing e.g. material proctors, density testing
Contaminated or otherwise objectionable materials handling
Handling of others spoils
revegetation, landscaping, landscaping repairs, import of topsoil
engineered plans other than trench safety
development permits e.g. driveway permit, inspection fees
unknown utility conflicts
night work
crushed stone fill of stairways
pressure relief valve related excavation, fabric, backfill
aggregate courses under sidewalks, stairs
beam/footing excavation
Influent Lift Station. Not in scope per EWP03-01.01 SOW document
Continuous dewatering, if necessary after turnover of select fill surface at bottom of void forms to others, is by other
Schedule not provided, only milestones.
Erosion control maintenance & reporting included for 12 months
Maintenance of temp areas includes for 12 months
Storm drain junction boxes have no detail. Included per common municipal specifications.
Removal of temp office trailer area, temp construction roads, material laydown areas
Construction water to be available onsite/at adjacent Manville WSC site
Backfill of structures
Haul off of excavated material

WPM Construction Services, Inc.

5415 McKinney Falls Parkway
 Austin, Texas 78744
 Estimating: Zach Forth 512-845-6411

Pricing				
1	Mobilization/Demob 3% Max	1 LS	\$	322,000.00
2	Trench Safety	1 LS	\$	2,400.00
3	SWPP Plan & NOI Permits	1 LS	\$	13,800.00
4	Temp EC & Tree Protection	1 LS	\$	119,000.00
5	Reinforced Silt Fence	1 LF	\$	3.67
6	Construction Entrance Installation	1 LS	\$	18,000.00
7	Removal/Demolition	1 LS	\$	60,000.00
8	Clear, Grub, Scalp, & Strip	1 LS	\$	210,000.00
9	Storm Water Detention Pond No. 1	1 LS	\$	182,000.00
10	On site Excavation & Haul	1 LS	\$	1,384,000.00
11	Furnish Borrow Select Fill	1 LS	\$	704,000.00
12	Place & Compact	1 LS	\$	931,000.00
13	Slope & Ditch Bottom Paving	1 LS	\$	25,000.00
14	Outfall Structures	1 LS	\$	930,000.00
15	Storm Drainage as limited in scope	1 LS	\$	3,793,000.00
16	F&I Material for Office Trailer Area	1 LS	\$	246,000.00
17	F&I Material for Temp Construction Roads	1 LS	\$	454,000.00
18	F&I Material for Site Laydown Areas	1 LS	\$	1,335,000.00
	Total Base Bid		\$	10,729,203.67
	Alternates			
A1	Delete Item 15 Storm Drainage		\$	(3,793,000.00)
A2	Delete Flared End Sections related to 15, in item 14 Outfall Structures		\$	(30,400.00)
A3	Delete CIP concrete & backfill of item 14. Excavation, subgrade, rock riprap remain (this deletion excludes the Flared End Sections of A2)		\$	(814,000.00)
	Total with Alternates		\$	6,091,803.67
This proposal is valid for 90 days from submission				
Thanks for the opportunity to look at this work. Please contact me for questions or clarifications.				
Zach Forth zforth@wpmcivil.com 512-845-6411				

Trinity



September 6th, 2023

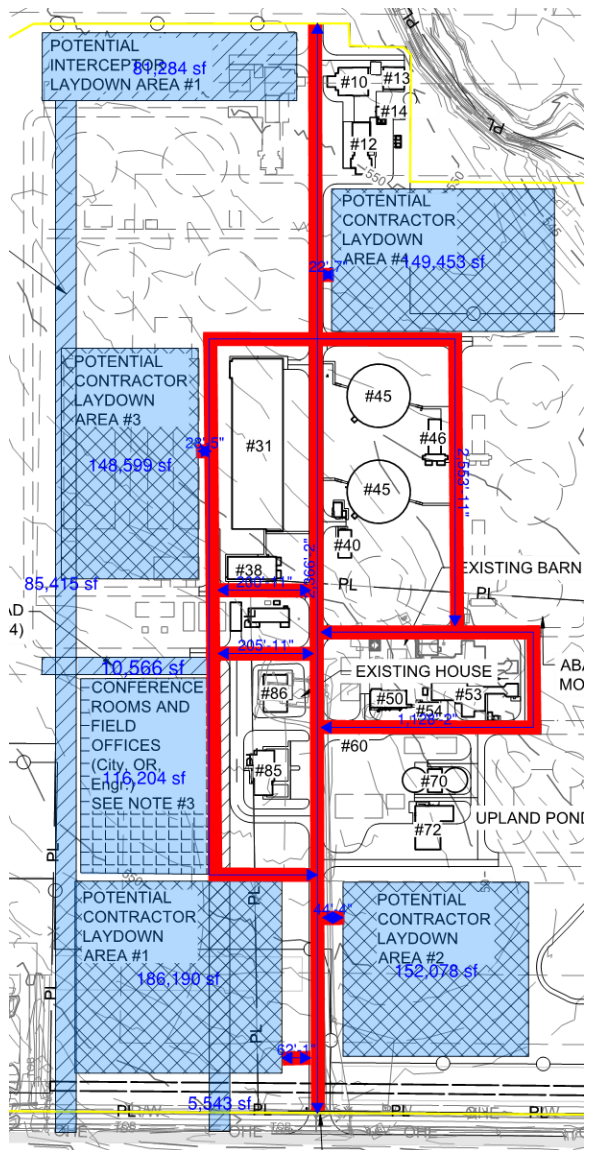
To: PLW Waterworks

Project: Pflugerville Wilbarger Creek - EWP3 01.01 – Pflugerville, TX

TE Construction Group, LLC is pleased to offer our **Firm Bid** for the **Temporary Roads** portion of the referenced project. Our bid is in accordance with the scope of work described herein as well as the bid documents available to us at time of bidding.

Base Bid - \$1,921,980.00

Pricing of all materials are subject to cost escalation at time of contract award





Scope of Work:

- Primary Construction Roads per SOW Attachment B (assumed 30' wide):
 - Import, Place & Compact one layer of 3x5 bull rock
 - Furnish & Install BASELOK™ FABGRID™
 - Import, Place & Compact 6" limestone flex base (over geotextile over bull rock layer)
- Laydown Yards & Trailer Areas per SOW Attachment B:
 - Furnish & Install BASELOK™ FABGRID™
 - Import, Place & Compact 6" limestone flex base

Exclusions:

- One mobilization is included for this scope of work
- Initial Layout/Staking - Trinity Excavators will perform the layout for our Scope
- Any SWPPP items, Erosion Control, Stabilized Construction Entrance, Concrete Washout Pit
- Third Party Testing Lab
- Any Asphalt or Concrete Work
- Temporary Water & Power supply by Others
- Any expense associated with dewatering or using mats to expedite schedule
- Any expense associated with underground obstructions not shown on Plans
- Any expense associated with elevation discrepancies or soil conditions different from Geotechnical Report
- Structural Excavation & Backfill (i.e., retaining walls, tilt walls, footings, grade beams, piers, etc.)
- Fine Grading or Landscaping
- Engineered Shoring Systems unless specifically mentioned above
- Handling or Haul Off of Other Trades Spoils
- Traffic Control
- TE Construction Group, LLC shall not be penalized for reasons of Force Majeure

Laura Fernandez de Valderrama

Laura Fernandez de Valderrama
TE Construction Group, LLC
346-224-6067



September 7th, 2023

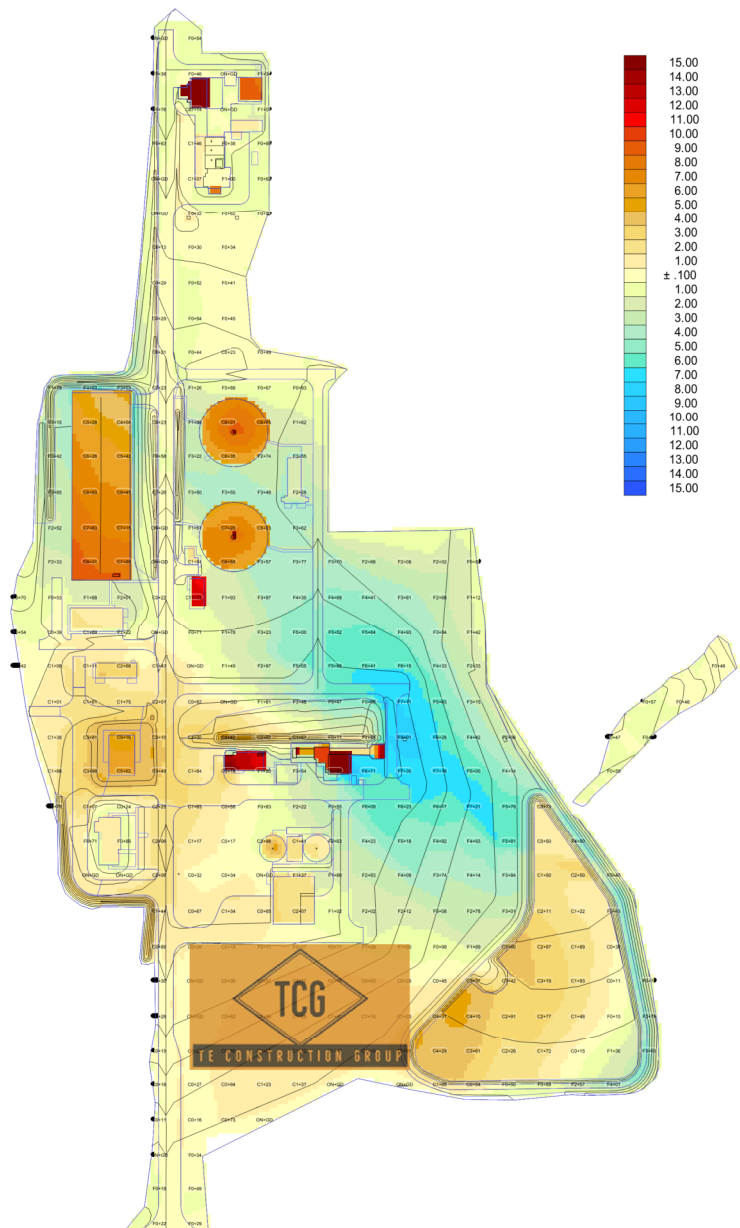
To: PLW Waterworks

Project: Pflugerville Wilbarger Creek - EWP3 01.01 – Pflugerville, TX

TE Construction Group, LLC is pleased to offer our **Firm Bid** for the **Earthwork** portion of your above referenced project. Our bid is in accordance with the scope of work described herein as well as the bid documents available to us at time of bidding.

Base Bid - \$2,757,500.00

Pricing of all materials are subject to cost escalation at time of contract award





Earthwork Scope of Work:

- Demolition by Others
- Clearing & Grubbing
- Strip site & haul off excess
- Cut/Fill site – Utilize onsite soils to meet proposed grades (structural backfill by Others)
- Proof roll, scarify & compact building and paving areas
- Stabilize 6” paving subgrade per Geotechnical Report
- Import, Place & Compact 4” limestone flex base sidewalk subgrade (assumed – verify)
- Backfill & Rough grade non paving areas
- Select Fill by Others
- NOTE: Proposal is based on the provided Geotechnical Report. If conditions are present that differ from the geotechnical report AND that prevent us from excavating with a 70,000 lbs. excavator, additional charges may occur

Proposed VE – Deduct \$100,000:

- Import, Place & Compact 6” limestone flex base in lieu of lime stabilization for the paving subgrade

Exclusions:

- One mobilization is included for this scope of work
- Initial Layout/Staking – TE Construction Group will perform the layout for our Scope
- Any SWPPP items, Erosion Control, Stabilized Construction Entrance, Concrete Washout Pit
- Third Party Testing Lab
- Temporary Roads and/or Laydown Yard
- Any Asphalt or Concrete Work
- Temporary Water & Power supply by Others
- Any expense associated with dewatering or using mats to expedite schedule
- Any expense associated with underground obstructions not shown on Plans
- Any expense associated with elevation discrepancies or soil conditions different from Geotechnical Report
- Structural Excavation & Backfill (i.e., retaining walls, tilt walls, footings, grade beams, piers, etc.)
- Fine Grading or Landscaping
- Engineered Shoring Systems unless specifically mentioned above
- Handling or Haul Off of Other Trades Spoils
- Traffic Control
- TE Construction Group shall not be penalized for reasons of Force Majeure

Laura Fernandez de Valderrama

Laura Fernandez de Valderrama
TE Construction Group, LLC
346-224-6067

Work Package 4-01.01

- » Recommendation Letter
- » Package Comparison Chart
- » Recommended Bidder
 - Bid Form
 - Proposal
- » Bidder 2
 - Bid Form
 - Proposal



Work Package Recommendation

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Drilled Piers Supply and Install | EWP4-01.01
PLW Project #: P5K

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 (CompCharts)
- 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

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)
Phase 1 Construction - CMAR
Drilled Piers Supply and Install | EWP4-01.01
PLW Project #: P5K

Recommended Bidder: Beaird Drilling Services, Inc.

Six (6) companies were solicited to bid on this scope of work to furnish all labor, material, and equipment to perform machine drilled shafts, placing shaft casing, shear rings, and belled base as per Contract Documents (except Influent Lift Station).

Only (2) fully submitted a bid on time.

Bidder 1: Beaird Drilling Services, Inc.

The bidder was the lowest bidder and received the highest score on cost and considered tabulation.

Bidder 2: ATS Drilling Inc.

This bidder was the second bidder on cost and second in the bid tabulation.

We recommend proceeding with the bid proposal from Beaird Drilling, Inc. based on their quote and qualifications. We believe we will be able to come to terms and execute a contract with Beaird Drilling, Inc. for this package as PLW has experience working with them at the Pflugerville WTP project currently in progress.

City of Pflugerville, Texas: Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Bid Package EWP4_01.01 - Drilled Piers and Shafts

Bid Tabulation		ATS		BEAIRD								
Bid Item	BUDGETED		BIDDER 1		BIDDER 2		BIDDER 3		BIDDER 4		BIDDER 5	
	Units	UOM	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Mob/Demob	1	LS	\$ 25,000.00	\$ 25,000.00	\$ -	\$ -		\$ -		\$ -		\$ -
Trench Safety	1	LS	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -		\$ -		\$ -		\$ -
Supply and install drilled piers and shafts	1	LS	\$ 3,408,615.00	\$ 3,408,615.00	\$ 1,587,250.00	\$ 1,587,250.00		\$ -		\$ -		\$ -
Supply and install reinforcement for all required drilled piers and shafts	1	LS	\$ 800,000.00	\$ 800,000.00	\$ 1,044,904.00	\$ 1,044,904.00		\$ -		\$ -		\$ -
Supply and install concrete for all required drilled piers and shafts	1	LS	\$ 1,136,205.00	\$ 1,136,205.00	\$ 1,686,651.00	\$ 1,686,651.00		\$ -		\$ -		\$ -
				\$ -		\$ -		\$ -		\$ -		\$ -
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				\$ -		\$ -		\$ -		\$ -		\$ -
Total: Base Bid				\$ 5,379,820.00		\$ 4,318,805.00		\$ -		\$ -		\$ -
Alternate - Influent Lift Station - Supply and install Drilled piers and shafts (including clean up)	1	LS		\$ -	\$9,967.00	\$ 9,967.00		\$ -		\$ -		\$ -
Alternate - Influent Lift Station - Supply and install reinforcement for all required drilled piers and shafts	1	LS										
Alternate - Influent Lift Station - Supply and install concrete for all required drilled piers and shafts	1	LS										
Total: Base Bid + Alt. 1				\$5,379,820.00		\$4,328,772.00		\$0.00		\$0.00		\$0.00
% Variance from Low Bid				19.72%		0.00%		0.00%				0.00%
Submittals		WK		2		4						
Fabrication & Delivery		WK		2		4						
Erection		WK		17		N/A						
Duration of Construction		Days		150		135						
Proposal Terms and Conditions:												
Agreed to PLW T&C	Y/N			N		Y						
Agreed to TWDB-0551 Supplemental Conditions	Y/N			Y		Y						
Agreed American Iron & Steel Req.	Y/N			Y		Y						
Agreed to Davis-Bacon Wage Rates	Y/N			Y		Y						
Agreed to EPA Fair Share Policy	Y/N			Y		Y						
% MWBE Participation	%			100%		0%						
Qualification Forms Submitted	Y/N			Y		Y						
Acknowledge Receipt of Clarification No 001 to 003	Y/N			N		N						

Ranking Tabulation		1	2	3	4	5
Bid Item	Weight	ATS	BEAIRD			
Total Base Bid (Lowest Price/Evaluated Proposal Price)						
x Points Available = Score	50%	40.23	50.00			
Technical Proposal - Safety	10%	5.00	10.00			
Technical Proposal - Experience and Qualifications	30%	30.00	30.00			
Compliance with Proposal Terms and Conditions (See list above)	10%	7.14	8.50			
Total Points	100%	82.37	98.50	0.00		

Date of Recommendation:	10/05/23
Recommended Vendor	BEAIRD
Contract Value:	\$4,328,772.00
Recommended By:	Triston Young, PLW Waterworks

Beaird Drilling Services

Bid Form for Subcontractors

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF)

Phase 1 Construction - CMAR

Drilled Piers and Shafts | EWP4-01.01

PLW Project #: P5K

SUMMARY:

Furnish all labor, material, and equipment to perform machine drilled shaft, placing shaft casing, shear rings and belled base as per Contract Documents. Subcontractor to drill different diameter piers with different lengths as shown on Drawings. Subcontractor is also responsible for all labor, material and equipment required to install reinforcement and to pour concrete for all site drilled piers and shafts. Provide an estimated time for completion of required work.

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

No. 1. SB _____	No. 3 SB _____	No. 5 SB _____
No. 2. SB _____	No. 4 SB _____	No. 6 SB _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Mobilization / Demobilization	1	LS	\$0.00	
2	Trench Safety	1	LS	\$0.00	
3	Supply and install Drilled piers and shafts (including clean up)	1	LS	\$1,587,250.00	\$1,587,250.00
4	Supply and install reinforcement for all required drilled piers and shafts	1	LS	\$1,044,904.00	\$1,044,904.00
5	Supply and install concrete for all required drilled piers and shafts	1	LS	\$1,686,651.00	\$1,686,651.00
	Total				\$4,318,805.00
Alt1	Alternate - Influent Lift Station - Supply and install Drilled piers and shafts (including clean up)	1	LS		
Alt2	Alternate - Influent Lift Station - Supply and install reinforcement for all required drilled piers and shafts	1	LS		
Alt3	Alternate - Influent Lift Station - Supply and install concrete for all required drilled piers and shafts	1	LS		

Submittals:	4 _____ Weeks
Fabrication & Delivery:	4 _____ Weeks
Erection	NA _____ Weeks
Duration of Construction in	135 _____ Calendar Days

<p>Additional Information:</p> <p>Have your firms Pre-Quals been submitted? (yes or no): <u>Yes</u></p> <p>% MWBE Participation Provided as a Part of This Bid: % <u>0</u></p>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): YES
Agreed to American Iron & Steel Requirements of This Contract (yes or no): YES
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): YES
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): YES

BIDDER NAME & SIGNATURE:

Beaird Drilling Services, Inc



PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): Yes
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) No
If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

IMT	TEREX
CZM	

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

Bid Evaluation Criteria:	
Description	Weighting Value
Cost Proposal	
- Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	50 Points
Technical Proposal	
- Safety <i>(EMR & TRIR)</i> <i>(Provide your current Workers Compensation Experience Rating (EMR) and current Total Recordable Incident Rate (TRIR) and attached additional supporting data)</i>	10 Points
- Experience and Qualifications <i>(Complete Attachment)</i>	30 Points
Compliance with Proposal Terms and Conditions	
- Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the</i>	10 Points

proposal.)

TOTAL

100 Points

Company Name: Beaird Drilling Services, Inc

Contact Name and Title: Steven Beaird

Contact Phone Number: 512-757-2390

Contact Email: steven@beairddrilling.com

ATS Drilling

Bid Form for Subcontractors

Wilbarger Creek Regional Wastewater Treatment Facility (WCRWWTF) Phase 1 Construction - CMAR Drilled Piers and Shafts | EWP4-01.01 PLW Project #: P5K

SUMMARY:

Furnish all labor, material, and equipment to perform machine drilled shaft, placing shaft casing, shear rings and belled base as per Contract Documents. Subcontractor to drill different diameter piers with different lengths as shown on Drawings. Subcontractor is also responsible for all labor, material and equipment required to install reinforcement and to pour concrete for all site drilled piers and shafts. Provide an estimated time for completion of required work.

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

No. 1. <u>8/4/23</u> <u>(n)</u>	No. 3 _____	No. 5 _____
No. 2. <u>8/16/23</u> <u>(n)</u>	No. 4 _____	No. 6 _____

Bid Item	Description	Unit	U/M	Unit Price	Total
1	Mobilization / Demobilization	1	LS	25,000	25000
2	Trench Safety	1	LS	10,000	10,000
3	Supply and install Drilled piers and shafts (including clean up)	1	LS	3,408,615	3,408,615
4	Supply and install reinforcement for all required drilled piers and shafts	1	LS	800,000	800,000
5	Supply and install concrete for all required drilled piers and shafts	1	LS	1,136,205	1,136,205
Total					
Alt1	Alternate - Influent Lift Station - Supply and install Drilled piers and shafts (including clean up)	1	LS	X	X
Alt2	Alternate - Influent Lift Station - Supply and install reinforcement for all required drilled piers and shafts	1	LS	X	X
Alt3	Alternate - Influent Lift Station - Supply and install concrete for all required drilled piers and shafts	1	LS	X	X

Submittals:	<u>2</u> Weeks
Fabrication & Delivery:	<u>2</u> Weeks
Erection	<u>17</u> Weeks
Duration of Construction in _____	<u>150</u> Calendar Days

Additional Information:	
Have your firms Pre-Quals been submitted? (yes or no):	<u>yes</u>
% MWBE Participation Provided as a Part of This Bid: %	<u>100</u>

OWNER REQUIRED- Due to TWDB being the project funding source:

Agreed to Current TWDB-0551 Supplemental Conditions (yes or no): yes
Agreed to American Iron & Steel Requirements of This Contract (yes or no): yes
Agreed to Davis-Bacon Wage Rate Requirements of the Contract (yes or no): yes
Agreed to Current EPA Fair Share Policy and Fair Share Goals (yes or no): yes

BIDDER NAME & SIGNATURE:

David S. Hoeg, VP
ATS Drilling, Inc.

PLW TERMS & CONDITIONS:

Agreed to PLW Terms and Conditions (yes or no): NO
If NO- Was a Request for Modifications submitted with Pre-Qualification documents during Pre-Qual phase (yes or no) NO
If NO- Please attach a Request for Modifications to this bid.

Named Equipment Manufacturers:

All bids will remain subject to acceptance for 90-days after the day of the Bid opening.

This contract is contingent upon the release of funds from the Texas Water Development Board (TWDB).

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.

The following criteria will be used in the evaluation process when selecting Bidders.

Bid Evaluation Criteria:	
Description	Weighting Value
Cost Proposal	
- Complete Bid Package Cost <i>(Lowest Price/Evaluated Proposal Price) x Points Available = Score</i>	50 Points
Technical Proposal	
- Safety (EMR & TRIR) <i>(Provide your current Workers Compensation Experience Rating (EMR) and current Total Recordable Incident Rate (TRIR) and attached additional supporting data)</i>	10 Points
- Experience and Qualifications (Complete Attachment)	30 Points
Compliance with Proposal Terms and Conditions	
- Conformance with Bid Package Requirements <i>(Any exclusions to the contract documents or design requirements Need to be listed on company's letterhead and submitted with the</i>	10 Points

Exhibit A.3 General Conditions Labor Summary Report



		GC Labor			During Construction for GMP1	
Sr.	Name	Billing Position	Year	Total Bill Rate	Estimated Man Hours (hrs)	Estimated Total Bill
01	Joao Lopes	Project Executive	2023	\$ 191.00	-	\$ -
01	Joao Lopes	Project Executive	2024	\$ 200.55	390	\$ 78,215
01	Joao Lopes	Project Executive	2025	\$ 210.58	-	\$ -
01	Joao Lopes	Project Executive	2026	\$ 221.11	-	\$ -
01	Joao Lopes	Project Executive	2027	\$ 232.16	-	\$ -
02	Alejandro Vazquez	Project Manager	2023	\$ 173.00	-	\$ -
02	Alejandro Vazquez	Project Manager	2024	\$ 181.65	1,200	\$ 217,980
02	Alejandro Vazquez	Project Manager	2025	\$ 190.73	-	\$ -
02	Alejandro Vazquez	Project Manager	2026	\$ 200.27	-	\$ -
02	Alejandro Vazquez	Project Manager	2027	\$ 210.28	-	\$ -
03	Marcos Gonzalez	Project Manager	2023	\$ 173.00	-	\$ -
03	Marcos Gonzalez	Project Manager	2024	\$ 181.65	1,040	\$ 188,916
03	Marcos Gonzalez	Project Manager	2025	\$ 190.73	-	\$ -
03	Marcos Gonzalez	Project Manager	2026	\$ 200.27	-	\$ -
03	Marcos Gonzalez	Project Manager	2027	\$ 210.28	-	\$ -
04	Matt Boatner	Safety Manager	2023	\$ 142.00	-	\$ -
04	Matt Boatner	Safety Manager	2024	\$ 149.10	600	\$ 89,460
04	Matt Boatner	Safety Manager	2025	\$ 156.56	-	\$ -
04	Matt Boatner	Safety Manager	2026	\$ 164.38	-	\$ -
04	Matt Boatner	Safety Manager	2027	\$ 172.60	-	\$ -
05	TBD	Quality Manager	2023	\$ 142.00	-	\$ -
05	TBD	Quality Manager	2024	\$ 149.10	600	\$ 89,460
05	TBD	Quality Manager	2025	\$ 156.56	-	\$ -
05	TBD	Quality Manager	2026	\$ 164.38	-	\$ -
05	TBD	Quality Manager	2027	\$ 172.60	-	\$ -
06	Sheryl Mechler	Administrative Personnel	2023	\$ 103.00	-	\$ -
06	Sheryl Mechler	Administrative Personnel	2024	\$ 108.15	1,200	\$ 129,780
06	Sheryl Mechler	Administrative Personnel	2025	\$ 113.56	-	\$ -
06	Sheryl Mechler	Administrative Personnel	2026	\$ 119.24	-	\$ -
06	Sheryl Mechler	Administrative Personnel	2027	\$ 125.20	-	\$ -
07	Jose Antonio Goas	Survey Manager	2023	\$ 142.00	-	\$ -
07	Jose Antonio Goas	Survey Manager	2024	\$ 149.10	1,000	\$ 149,100
07	Jose Antonio Goas	Survey Manager	2025	\$ 156.56	-	\$ -
07	Jose Antonio Goas	Survey Manager	2026	\$ 164.38	-	\$ -
07	Jose Antonio Goas	Survey Manager	2027	\$ 172.60	-	\$ -
08	Shane Johnson	Superintendent	2023	\$ 173.00	-	\$ -
08	Shane Johnson	Superintendent	2024	\$ 181.65	1,200	\$ 217,980
08	Shane Johnson	Superintendent	2025	\$ 190.73	-	\$ -
08	Shane Johnson	Superintendent	2026	\$ 200.27	-	\$ -
08	Shane Johnson	Superintendent	2027	\$ 210.28	-	\$ -
09	Thomas Reynolds	Superintendent	2023	\$ 173.00	-	\$ -
09	Thomas Reynolds	Superintendent	2024	\$ 181.65	880	\$ 159,852
09	Thomas Reynolds	Superintendent	2025	\$ 190.73	-	\$ -
09	Thomas Reynolds	Superintendent	2026	\$ 200.27	-	\$ -
09	Thomas Reynolds	Superintendent	2027	\$ 210.28	-	\$ -
10	Pavel Trujillo	Electrical Project Manager	2023	\$ 173.00	-	\$ -
10	Pavel Trujillo	Electrical Project Manager	2024	\$ 181.65	520	\$ 94,458
10	Pavel Trujillo	Electrical Project Manager	2025	\$ 190.73	-	\$ -
10	Pavel Trujillo	Electrical Project Manager	2026	\$ 200.27	-	\$ -
10	Pavel Trujillo	Electrical Project Manager	2027	\$ 210.28	-	\$ -
11	Ignacio Berrioategortua	Scheduler	2023	\$ 142.00	-	\$ -
11	Ignacio Berrioategortua	Scheduler	2024	\$ 149.10	600	\$ 89,460
11	Ignacio Berrioategortua	Scheduler	2025	\$ 156.56	-	\$ -
11	Ignacio Berrioategortua	Scheduler	2026	\$ 164.38	-	\$ -
11	Ignacio Berrioategortua	Scheduler	2027	\$ 172.60	-	\$ -
12	Liza Luevano	Document Controller	2023	\$ 103.00	-	\$ -
12	Liza Luevano	Document Controller	2024	\$ 108.15	600	\$ 64,890
12	Liza Luevano	Document Controller	2025	\$ 113.56	-	\$ -
12	Liza Luevano	Document Controller	2026	\$ 119.24	-	\$ -
12	Liza Luevano	Document Controller	2027	\$ 125.20	-	\$ -
13	Colton Dunk	Project Engineer	2023	\$ 103.00	-	\$ -
13	Colton Dunk	Project Engineer	2024	\$ 108.15	1,200	\$ 129,780
13	Colton Dunk	Project Engineer	2025	\$ 113.56	-	\$ -
13	Colton Dunk	Project Engineer	2026	\$ 119.24	-	\$ -
13	Colton Dunk	Project Engineer	2027	\$ 125.20	-	\$ -
14	Maria Lopez Gonzalez	Field Engineer	2023	\$ 92.00	-	\$ -
14	Maria Lopez Gonzalez	Field Engineer	2024	\$ 96.60	1,200	\$ 115,920
14	Maria Lopez Gonzalez	Field Engineer	2025	\$ 101.43	-	\$ -
14	Maria Lopez Gonzalez	Field Engineer	2026	\$ 106.50	-	\$ -
14	Maria Lopez Gonzalez	Field Engineer	2027	\$ 111.83	-	\$ -
15	Jorge Gonzalez Tejido	Field Engineer	2023	\$ 92.00	-	\$ -
15	Jorge Gonzalez Tejido	Field Engineer	2024	\$ 96.60	1,200	\$ 115,920
15	Jorge Gonzalez Tejido	Field Engineer	2025	\$ 101.43	-	\$ -
15	Jorge Gonzalez Tejido	Field Engineer	2026	\$ 106.50	-	\$ -
15	Jorge Gonzalez Tejido	Field Engineer	2027	\$ 111.83	-	\$ -
					13,430	\$ 1,931,171

Month	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER							
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52
	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

** Per City Team Request cost for logistics staff (2FTE @ 13,840/mo for 7mo - \$96,880) has been moved into General Conditions Labor costs. Reflected total costs on GMP1 Cost Summary.

Exhibit A.4 Site Logistics Summary Report



WCRWWTF Site Logistic Summary

Construction Start Date 1/3/2024

Construction End Date 7/31/2024

Project Duration **7**

Description	Qty Proposal	
	Qty	UOM

PLW Office Trailer and Conference Center		
Trailer Lease	5.00	Months
Mobilization/Demobilization	1.00	Each
Office Porch	2.00	Each
OSHA Stairs	5.00	Months
Copier Service	5.00	Months
Office Supplies	5.00	Months
Office cleaning	5.00	Months
Tank Service	6.00	Months
Internet	5.00	Months
Office Furniture	1.00	LS
Trash Dumpster	6.00	Months
Security Service - installation fee	1.00	LS
Security Service - 24/7 (2 camera units)	7.00	Months

Owner's Trailer		
Trailer Lease	5.00	Months
Mobilization/Demobilization	1.00	Each
OSHA Stairs	2.00	Each
Office Porch	1.00	Each
Office cleaning	5.00	Months

Construction Support		
Construction Support for Logistics crew	7.00	Months
Lull	7.00	Months
Street Sweeper	5.00	Months
Dozer	5.00	Months
Site temporary drainage pumps	5.00	Months
Port-a-Cans (5 Units)	5.00	Months
Ice and Water (1 machine)	1.00	LS
Site Signage	1.00	LS
Site Utility Vehicles (2 ATV)	2.00	Each
Utility Vehicle Maintenance	7.00	Months

Site Survey		
Professional Survey	1.00	LS
Survey Equipment	1.00	LS

Temporary Construction		
Street Rental & Barricades	5.00	Months
Electrical utilities Setup (PLW and owner trailer)	1.00	LS
Temporary Construction Power Distribution	1.00	LS
Water distribution for construction	1.00	LS
Trailer plumbing	1.00	LS
Fire stand pipe	1.00	LS

Costs included in allowance are estimates based on comparisons from current/previous projects. Reference backup documentation based on below legend:

- 1 - Trailer Comp Chart
- 2 - Sewage Tanks Comp Chart
- 3 - Dumpsters Comp Chart
- 4 - Security Comp Chart
- 5 - Survey Equipment Representative Quote
- 6 - Furniture Representative Quote

Security Service Cost Basis
Comp Chart

SPECIFICATION NO.	DESCRIPTION	QTY	UNIT	SUPPLIER/SUBCONTRACTOR		SUPPLIER/SUBCONTRACTOR		SUPPLIER/SUBCONTRACTOR		SUPPLIER/SUBCONTRACTOR		SUPPLIER/SUBCONTRACTOR	
				OxBlue		Eme							
				PHONE:	(404)554-1484	PHONE:	(858)373-7615	PHONE:		PHONE:		PHONE:	
				CONTACT:	Katie Ktak	CONTACT:	Justin Stuart	CONTACT:		CONTACT:		CONTACT:	
				I.D.:		I.D.:		I.D.:		I.D.:			
				PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
013233	BMP Sapphire Series Static Cellular Camera	2.00	EA	\$ 7,899.00	\$ 15,798.00	\$ 6,500.00	\$ 13,000.00		\$ -		\$ -		\$ -
013233	Monthly service per camera	40.00	MO	\$ 524.000	\$ 20,960.00	\$ 500.00	\$ 20,000.00		\$ -		\$ -		\$ -
013233	Webcam Installation/Pick Up	1.00	LS	\$ 2,750.000	\$ 2,750.00	\$ 3,000.00	\$ 3,000.00		\$ -		\$ -		\$ -
	Sales Tax (Camera Purchase)	1.00	LS	\$ 652.000	\$ 652.00		\$ -		\$ -		\$ -		\$ -
					\$ -		\$ -		\$ -		\$ -		\$ -
					\$ -		\$ -		\$ -		\$ -		\$ -
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					\$ -		\$ -		\$ -		\$ -		\$ -
					\$ -		\$ -		\$ -		\$ -		\$ -
COMMERCIAL EVALUATION	NOTES												
ESCALATION				N		N		N		N		N	
FREIGHT				N		N		N		N		N	
FUEL SURCHARGE				N		N		N		N		N	
MOBILIZATION				N		N		N		N		N	
ADDITIONAL MOBILIZATIONS				N		N		N		N		N	
DRAWINGS REQUIRED (Y/N)				Y		Y		Y		Y		Y	
TAX EXEMPT (Y/N)				N		N		Y		Y		Y	
DBE (Y/N)				Y		Y		Y		Y		Y	
RETAINAGE (Y/N)				Y		Y		Y		Y		Y	
MATERIAL ON HAND (Y/N)				N		N		N		N		N	
BOND (Y/N)				N		N		N		N		N	
WARRANTY				N		N		N		N		N	
QUOTE VALIDITY				N		N		N		N		N	
JOBSITE DELIVERY DATE													
					\$40,160.00		\$36,000.00		\$0.00		\$0.00		\$0.00
					0.00%		8.25%		0%				
					\$40,160.00		\$38,970.00		\$0.00		\$0.00		\$0.00
				SELECTED VENDOR. PRODUCT MEETS SPECIFICATIONS MORE ACCURATELY									

GMP 1 only includes cost for 7 months of the security services.

Site Logistics Cost Basis

**Site Survey
Equipment**



SALES QUOTE

AllTerra Central - Houston, 14722 Regnal Street, Houston, TX 77039-1042
281-987-1815

Sales Quote Number: SQ-58728
Sales Quote Date: 11/07/22
Page: 1
Quote Expiration Date: 11/21/22

Sell

To: Pepper Lawson Waterworks - PLW
PLW Waterworks
Ignacio Gonzalez
P.O. Box 219227
Houston, TX 77218

Ship

To: Ignacio Gonzales
Customer Pickup at AllTerra Central
14722 Regnal Street
Houston, TX 77039-1042

Ship Via Customer Pickup at AllTerra Central
Terms Net 30 Days

Customer ID 488950
SalesPerson AllTerra
Phone No. 281-987-1815

Item No.	Description	Unit	Quantity	Unit Price	Disc. %	Total Price
S5352200	Instrument - S5 3" Robotic, DR Plus, Active Tracking	Each	1	26,190.00	10	23,571.00
MT1000	MultiTrack Target w/7.4v batt.	Each	1	3,265.00	10	2,938.50
GCP13A	R8 Series/MT1000 3400 mAH	Each	1	133.50	10	120.15
SLSU-S2018-3	Robotic Power Kit (Power supply not included)	Each	1	1,495.00	10	1,345.50
101070-00-01	Dual Battery Charger with Power Supply and Power Cord (N	Each	2	665.00	10	1,197.00
90553	Tripod - Dual Clamp Tri-Max	Each	1	499.99	10	449.99
5129-52	POLE, ROBOTIC, 8.5', CM/.01, 1 35, TLV	Each	1	340.32	10	306.29
5217-04-FLY	Bipod, Thumb-Release, 1/2-13SS Universal, FLY	Each	1	210.09	10	189.08

- **Earning Your Business is our Top Priority**
- **8 Local Offices to Serve Your Needs**
- **Dedicated Support Line Included**
- **Serving the Geospatial Community for Over 30 Years**

Subtotal: 30,117.51
Total Sales Tax: 2,484.69
Total: 32,602.20



5410 Burr Oak Drive Houston, Texas 77092

ESTIMATE

Estimate #: 2875

Bill To:

PLW WATERWORKS
1725 HUGHES LANDING
THE WOODLANDS, TX 77380

Ship To:

PLW WATERWORKS
1725 HUGHES LANDING
THE WOODLANDS, TX 77380

Quote Date: 10/28/2022
Quoted By: Matt South
P.O. #
Model #
Serial #

Part Number	Qty	Description	Price	Extended
SPS720252210	1	Trimble SPS720 DR Plus 3"/2"	\$17,510.00	\$17,510.00
121349-01-HH	1	Trimble TSC7 Accessory - Pole Bracket with Pole Mount Clamp	\$244.00	\$244.00
110238-00-HH	1	Trimble EM120 2.4GHz Module	\$1,696.00	\$1,696.00
121354-01-HH	1	Trimble Accessory - Carry Case Shoulder Bag	\$88.00	\$88.00
121350-01-HH	1	Trimble TSC7 and T7 Accessory - Ext. Battery Charger w/ Int. Cord...	\$515.00	\$515.00
AT360-HH	1	Trimble Active Track 360 Target, including 7.4V Li-Ion battery	\$2,707.00	\$2,707.00
55200-00	1	Kit - Telescopic Range Pole, Optical Kit	\$481.00	\$481.00
571126286-HH	1	Rod - Bipod for Range Pole (GDM/GTR/ATS)	\$315.00	\$315.00
90553-TR-HH	1	Tripod - Dual Clamp Tri-Max with Trimble Logos	\$550.00	\$550.00
TSC701	1	Trimble TSC7 Controller - QWERTY keypad, USB/Serial boot (NA & EM...	\$5,425.00	\$5,425.00
SCS900-20	1	Siteworks/SCS900 Standard	\$2,594.00	\$2,594.00
SCS900-22	1	Siteworks/SCS900 Roading	\$1,130.00	\$1,130.00
SCS900-23	1	Siteworks/SCS900 Advanced Measurement Module	\$566.00	\$566.00
SPS1000	1	Kit - SPS Series, Robotic Power Kit	\$2,894.00	\$2,894.00

TERMS: PAYMENT DUE UPON RECEIPT OF INVOICE. I (OR WE) HEREBY AGREE TO PAY YOU FOR SAME AT YOUR OFFICE IN HOUSTON, HARRIS COUNTY, TEXAS AS FOR ALL GOODS OR SERVICES HERETOFORE OR HEREAFTER BOUGHT OR ORDERED FROM YOU. IT IS FURTHER AGREED THAT INTEREST FROM MATURITY SHALL BE AT THE HIGHEST CONTRACT RATE PERMITTED BY LAW; TOGETHER WITH REASONABLE ATTORNEY'S FEES IF PLACED IN THE HANDS OF ATTORNEY FOR COLLECTION. PRICING: INVOICE PRICES ARE PRICES IN EFFECT AT TIME OF SHIPMENT. RETURNS: SITECH-SETX'S RETURN POLICY IS IN EFFECT ON ALL PARTS ON THIS ORDER. COPY OF RETURN POLICY IS AVAILABLE ON REQUEST. WARRANTY: EXCEPT AS EXPRESSLY STATED IN THE MANUFACTURER'S WARRANTIES STATEMENT SITECH-SETX MAKES NO WARRANTY OR REPRESENTATION. MANUFACTURER'S WARRANTY STATEMENT AVAILABLE ON REQUEST.

Subtotal \$36,715.00
Tax (8.25%) \$0.00

Total **\$36,715.00**

Site Logistics Cost Basis

Furniture Allowance

Office Furniture NOW!
 4201 Supply Court, Suite 100
 Austin, TX 78744
 512-448-3769

CLIENT APPROVAL

Accepted by: _____

Date: _____

Proposal

Client:	PLW Waterworks	September 19, 2023	<i>Furniture Consultant</i>	Teresa Alvarez
Billing Address:				
Buyer Contact:	Colton Dunk			
Buyer Phone:	346.587.7822			
Buyer Email:	cdunk@plwus.com			
Delivery Address:	10100 Gregg Lane, Pflugerville, Texas 78653	Customer #	33094	
Delivery Contact:	Colton Dunk			
Delivery Phone:	346.587.7822			
Delivery Email:	cdunk@plwus.com	Quote #:	33094-1-23	Version #:
Reference				



IMPORTANT, PLEASE READ: Please review this proposal and any drawings carefully. Order will be placed based on specifications shown below and on the drawing, if applicable. New product can not be cancelled or changed once the order has been transmitted to the manufacturer and is non-returnable. Used Product is "as Is" and Non-Returnable. Changes to installation once work has been performed according to the agreed layout will be billed at a per hour rate. Client will be billed for any parts needed to make their changes. Orders will be placed upon receipt of signed proposal and deposit. Estimated Arrival Times (ETAs) of any product are estimates only and can be susceptible to back orders and delays.

Image	Description	Finishes	QTY	Price	Extended Total
	High Back Executive Chair, Tilt/Swivel, Vinyl	Black	50	\$201.00	\$10,050.00
	Guest Chair, Arms, Vinyl	Black	24	\$92.00	\$2,208.00
	Rectangular Desk Shell 60W x 30D x 29.5H, Laminate	TBD	4	\$221.00	\$884.00
	Box-File Pedestal	TBD	4	\$201.00	\$804.00
	3 Gallon Trash Can	Black, Gray or Putty	30	\$13.00	\$390.00
	3'x4' Double-coated powder-coated magnetic steel surface		28	\$137.00	\$3,836.00
	4'x8' Double-coated powder-coated magnetic steel surface		4	\$535.00	\$2,140.00
	12 Modular Workstations, 5'x5.5', 53"H Panels, 1 Box-Box-File, 1 File-File. Power: Base Feed, Power Pole, Receptacles, Jumpers included	TBD	1	\$23,050.00	\$23,050.00


Office Furniture NOW!
 4201 Supply Court, Suite 100
 Austin, TX 78744
 512-448-3769

CLIENT APPROVAL

Accepted by: _____

Date: _____

Proposal

	L-Desk, 71"W x 84"D	TBD	10	\$791.00	\$7,910.00	
Product Subtotal					\$51,272.00	
Inside Delivery and Installation Standard Week Day Hours 8am to 5pm'		730a	1	\$7,050	\$7,050.00	
Delivery 50% Upcharge for Stair Carry		730e	0	\$3,525	\$0.00	
Delivery 50% Upcharge for After Hours 5pm to 8am		730h	0	\$3,525	\$0.00	
Design & Space planning per hour		730d	0	\$65	\$0.00	
Project Management per hour		730d	0	\$90	\$0.00	
Other Charges:		730h	0	\$0	\$0.00	
Labor Subtotal					\$7,050.00	
Terms: 60% Deposit, 40% due the day before the first installation date. Signed proposal good for 15 days.	Total Product and Labor					\$58,322.00
	8.25 % Sales Tax					\$4,811.57
For payments made with a cash, check, ACH or wire, there is a discount of 3.05%. Please contact your sales representative to provide your credit card information.	Pay by Credit Card					\$65,059.14
	Pay by Check, Cash, ACH or WIRE					\$63,133.57

Office Furniture NOW!
4201 Supply Court, Suite 100
Austin, TX 78744
512-448-3769

CLIENT APPROVAL

Accepted by: _____

Date: _____

Proposal

After Sale Service Contacts:		
Customer Services, Delivery Coordination and Installation	DeliverME@officefurniturenow.com	512-448-3769
<p>Payment Terms: Invoices and Sales Orders are payable in full at time of delivery. Merchandise will not be left at the premises if payment is withheld for any reason. At our discretion, we may accept a partial payment for orders not delivered in full due to damage or defects in merchandise.</p> <p>Special Orders: All special orders require at least a 50% non-refundable deposit before order is placed with the vendor. Special orders less than \$2500.00 will require a 100% non-refundable deposit. Once acknowledged by the vendor the order cannot be changed or cancelled</p> <p>Lead-Times: Lead Times for Stock and Special orders are based on average past shipping experience from our suppliers. Delays beyond the control of OFN may occur and as such, expected delivery dates are only approximate. Office Furniture Now cannot guarantee specific delivery dates and is not responsible for factory delays.</p> <p>Returns: In stock merchandise may be returned within 15 days of purchase with a 25% restocking fee. Merchandise must be in new condition. Special ordered items are non-returnable.</p> <p>Delivery/Installation: Our delivery personnel are responsible for installing only the furniture indicated on your order. An additional fee will be charged to move existing property to complete the delivery. We will not move or disconnect any electronic media device including computers to facilitate delivery without the expressed written permission to the owner or authorized agent. OFN assumes no liability for damage (including software applications and networks) as a result of any action so authorized. A licensed electrician must do electrical work. Unforeseen complications requiring non scheduled after hours delivery, elevator personnel, hoist of lift equipment will incur an additional charge. OFN personnel are not authorized to hang art, sculptures, etc. This service is available for a nominal fee from independent installers.</p> <p>Customer Pick Up: OFN personnel will assist customers who wish to pick up their purchases. OFN assumes no liability for property damage or personal injury as a result of such action. Items must be returned to the dock for warranty work.</p> <p>Inspection: Please inspect your new furniture purchases carefully. All defects and exceptions must be noted on the delivery receipt. OFN assumes no responsibility for merchandise after it leaves our premises or is signed for in good condition. Service work may be provided at an additional charge.</p> <p>Warranty and Service Policy: OFN, at its option, will replace or service new merchandise for a period of one year from original receipt purchase date if determined to be defective due to workmanship or materials. Proof of purchase is required. OFN will charge an hourly service fee plus parts to repair defects caused by excessive use, abuse, incorrect care or cleaning. Damage from excessive temperature, humidity, or exposure to direct sunlight will result in a service fee as well. Fabrics, leathers and vinyl coverings are not guaranteed against wear, fading, or inherent defects. Factory warranties beyond one year are subject to their terms and conditions. Items returned to the factory for repair may incur freight and shipping fees. <u>THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION SET FORTH HEREIN.</u> (Please discontinue the use of damaged or defective product until repairs can be completed. Product pick up at OFN must be returned to our dock for warranty work. Contact OFN Customer Service at 512.448.3769 EXT. 25)</p> <p>Used, Closeout, Final Sale, Discounted Damaged Product, and Glass: ARE SOLD ON AN "AS IS", "WITH ALL FAULTS" BASIS AND OFFICE FURNITURE NOW DISCLAIMS ANY IMPLIED WARRANTIES WITH RESPECT TO SUCH GOODS.</p> <p>Title: The buyer agrees to grant Office Furniture Now a purchase money security interest, as defined in the Uniform Commercial Code in the merchandise (Collateral). The buyer authorizes us to record a UCC-1 Financing Statement or similar document and appoints us attorney-in-fact to execute and deliver such document in order to show interest in the merchandise (Collateral) on the invoice. Any security interest in the merchandise will cease upon payment in full.</p> <p>THERE ARE NO OTHER AGREEMENTS, WRITTEN OR ORAL, OTHER THAN SPECIFIED ABOVE. CUSTOMERS SIGNATURE AND/OR DEPOSIT SERVES AS ACCEPTANCE OF THESE TERMS.</p>		

Exhibit A.5 Basis of Allowances



Basis of GMP1 Allowance Summary

Item	Type	Source (Location/Package)	Company	Item Description	Cost
1.01	Equipment Finalization	EWP2_01.02_Gates	WACO Products / GlobalWET	Additional days required to provide Manufacturers Field Services per specifications.	\$ 9,300.00
1.02	Equipment Finalization	EWP2_12.01_Vortex Grit Equip and Grit Washer	Huber / EI2	Providing Vendor Witnessed Factory Test per specifications.	\$ 10,000.00
1.03	Equipment Finalization	EWP2_12.03_Mech Screen and Washer Compactor sys	Vulcan / HRM	Technical normalization of the scope	\$ 17,000.00
1.04	Equipment Finalization	EWP2_31.02 - Fine Bubble Fixed-Grid Aeration Equipment	Aquarius Technologies	Normalization to warrant equipment per specifications.	\$ 10,000.00
1.05	Equipment Finalization	EWP2_38.01 - Blowers and Control System	Gardner-Denver / Newman	Technical normalization of the scope	\$ 250,000.00
1.06	Equipment Finalization	EWP2_55.01_Positive Disp Blowers	Universal Blower / EI2	Providing enclosures with sub bases for blowers.	\$ 26,417.00
1.07	Equipment Finalization	EWP2_55.02 - Post Aeration System	Environmental Dynamic International / Newman	Normalization to warrant equipment per specifications.	\$ 2,000.00
1.08	Equipment Finalization	EWP2_70.01 - Jet Aeration System	Mass Transfer Systems / Newman	Providing shielded wiring and warrant equipment per specifications.	\$ 23,730.00
1.09	Equipment Finalization	EWP2_46.01A - Horizontal End Suction Centrifugal Pumps	Flowserve/ Smith Pump	Alternative Technology Selection	\$ 198,765.00
2.01	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Lease	\$ 25,000.00
2.02	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Mobilization/Demobilization	\$ 54,000.00
2.03	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Porch	\$ 31,200.00
2.04	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer OSHA Stairs	\$ 600.00
2.05	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Copier Service	\$ 11,200.00
2.06	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Office Supplies	\$ 17,500.00
2.07	Site logisitcs	Site Logistics	PLW Waterworks	PLW Office Trailer Cleaning	\$ 11,525.00
2.08	Site logisitcs	Site Logistics	PLW Waterworks	ALL Office Trailer Tank Service	\$ 14,640.00
2.09	Site logisitcs	Site Logistics	PLW Waterworks	ALL Office Trailer Internet	\$ 13,800.00
2.10	Site logisitcs	Site Logistics	PLW Waterworks	ALL Office Trailer Office Furniture	\$ 65,000.00
2.11	Site logisitcs	Site Logistics	PLW Waterworks	Trash Dumpster	\$ 12,000.00
2.12	Site logisitcs	Site Logistics	PLW Waterworks	Security Service - installation fee	\$ 11,300.00
2.13	Site logisitcs	Site Logistics	PLW Waterworks	Security Service - 24/7 (2 camera units)	\$ 7,336.00
2.14	Site logisitcs	Site Logistics	PLW Waterworks	Owner Office Trailer Lease	\$ 8,900.00
2.15	Site logisitcs	Site Logistics	PLW Waterworks	Owner Office Trailer Mobilization/Demobilization	\$ 24,727.00
2.16	Site logisitcs	Site Logistics	PLW Waterworks	Owner Office Trailer OSHA Stairs	\$ 240.00
2.17	Site logisitcs	Site Logistics	PLW Waterworks	Owner Office Trailer Porch	\$ 7,600.00
2.18	Site logisitcs	Site Logistics	PLW Waterworks	Owner Office Trailer Cleaning	\$ 5,760.00
2.20	Site logisitcs	Site Logistics	PLW Waterworks	Construction Support for Logistics crew	\$ 75,000.00
2.21	Site logisitcs	Site Logistics	PLW Waterworks	Lull	\$ 39,494.00
2.22	Site logisitcs	Site Logistics	PLW Waterworks	Street Sweeper	\$ 17,225.00



Basis of GMP1 Allowance Summary

Item	Type	Source (Location/Package)	Company	Item Description	Cost
2.23	Site logisitcs	Site Logistics	PLW Waterworks	Dozer	\$ 16,775.00
2.24	Site logisitcs	Site Logistics	PLW Waterworks	Site temporary drainage pumps	\$ 10,000.00
2.25	Site logisitcs	Site Logistics	PLW Waterworks	Port-a-Cans (5 Units)	\$ 12,400.00
2.26	Site logisitcs	Site Logistics	PLW Waterworks	Ice and Water (1 machine)	\$ 10,000.00
2.28	Site logisitcs	Site Logistics	PLW Waterworks	Site Signage	\$ 10,000.00
2.29	Site logisitcs	Site Logistics	PLW Waterworks	Site Utility Vehicles (2 ATV)	\$ 44,816.00
2.30	Site logisitcs	Site Logistics	PLW Waterworks	Utility Vehicle Maintenance	\$ 3,500.00
2.31	Site logisitcs	Site Logistics	PLW Waterworks	Professional Survey	\$ 24,800.00
2.32	Site logisitcs	Site Logistics	PLW Waterworks	Survey Equipment	\$ 70,000.00
2.33	Site logisitcs	Site Logistics	PLW Waterworks	Street Rental & Barricades	\$ 5,000.00
2.34	Site logisitcs	Site Logistics	PLW Waterworks	Electrical Utilities Setup (PLW and Owner Trailer)	\$ 65,000.00
2.36	Site logisitcs	Site Logistics	PLW Waterworks	Temporary Construction Power Distribution	\$ 300,000.00
2.37	Site logisitcs	Site Logistics	PLW Waterworks	Water Distribution for Construction	\$ 40,000.00
2.38	Site logisitcs	Site Logistics	PLW Waterworks	Trailer Plumbing Setup	\$ 40,000.00
2.40	Site logisitcs	Site Logistics	PLW Waterworks	Fire stand pipe	\$ 50,000.00
Allowance Total					\$ 1,703,550.00

Section 2: Schedule

Exhibit B.1 Schedule Summary

**Wilbarger Creek RWWTF
GMP1**

Activity ID	Activity Name	Start	Finish	2024												2025							
				Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Pre-Construction																							
TWDB 300A Submittal																							
A1030	TWDB Review / Approval	05-Jun-23 A	11-Oct-23																				
A1210	TWDB Review / Approval -300A	05-Jun-23 A	14-Oct-23																				
Advertise and Bid Subcontract Packages for GMP1																							
A1131	PLW Develop TWDB 400A-4 Required Documents	04-Oct-23	16-Oct-23																				
A1110	PLW Submit Revised GMP1 Proposal	05-Oct-23*																					
A1115	City Team Review Revised GMP1 Proposal	05-Oct-23	11-Oct-23																				
A1133	Compile TWDB 400A-4 Submittal Document	06-Oct-23	18-Oct-23																				
A1120	GMP1 Negotiation / Final Coordination	11-Oct-23	16-Oct-23																				
A1122	GMP1 Acceptance		16-Oct-23																				
A1123	GMP1 Council Document Preparation	16-Oct-23	27-Oct-23																				
A1860	Submit GMP1 400A-4 Submittal to TWDB		18-Oct-23																				
A1861	TWDB 400A-4 Review	26-Oct-23	29-Nov-23																				
A1864	Council Approval of GMP1	01-Nov-23	14-Nov-23																				
A1865	Execute GMP1 Contract	14-Nov-23	17-Nov-23																				
A1866	Compile 400A-5 Submittal Document	20-Nov-23	21-Nov-23																				
A1862	TWDB 400A-4 Approval		29-Nov-23																				
A1863	Submit Final Documents for Council Meeting		29-Nov-23																				
A1867	Submit GMP1 400A-5 Submittal to TWDB		29-Nov-23																				
A1868	TWDB 400A-5 Review	04-Dec-23	20-Dec-23																				
A1869	TWDB 400A-5 Approval		20-Dec-23																				
A1872	GMP1 NTP to PLW		20-Dec-23																				
A1999	PLW Issues NTP GMP 1 Packages	03-Jan-24																					
Construction Phase																							
GMP1 - Early Work Packages																							
Early Work Packages - Contract Executions																							
A1870	EWP1-01.04 - Cloth Media Filter System Package - Contract Execution	03-Jan-24	25-Jan-24																				
A1920	EWP2-09.01 - Yard Piping Critical Items - Contract Execution	03-Jan-24	25-Jan-24																				
A2080	EWP2-70.01 - Jet Aeration, Recirculation System - Contract Execution	03-Jan-24	25-Jan-24																				
A2090	EPW2-72.01 - Centrifuge Equipment - Contract Execution	03-Jan-24	25-Jan-24																				
A2110	EWP3-01.01 - Site Establishment - Contract Execution	03-Jan-24	25-Jan-24																				
A2120	EWP4-01.01 - Drilled Piers and Shafts - Contract Execution	03-Jan-24	25-Jan-24																				
A2130	EWP1-01.03 - UV Disinfection System	03-Jan-24	25-Jan-24																				
A1980	EWP2-31.02 - Fine Bubble Aeration - Contract Execution	15-Jan-24	06-Feb-24																				
A2030	EWP2-46.01B - Self-Priming Centrifugal Pumps - Contract Execution	15-Jan-24	06-Feb-24																				
A2040	EWP2-53.01 - UV Weir Troughs - Contract Execution	15-Jan-24	06-Feb-24																				
A2050	EWP2-55.01 - Positive Displacement Blowers - Contract Execution	15-Jan-24	06-Feb-24																				
A2060	EWP2-55.02 - Supplemental Post Aeration - Contract Execution	15-Jan-24	06-Feb-24																				
A2070	EWP2-56.01 - Vertical Turbine Pumps - Contract Execution	15-Jan-24	06-Feb-24																				
A1930	EWP2-10.01 - Submersible Pumps - Contract Execution	25-Jan-24	16-Feb-24																				
A1970	EWP2-31.01 - Submersible Mixers - Contract Execution	25-Jan-24	16-Feb-24																				
A1990	EWP2-31.03 - Axial Flow Pumps - Contract Execution	25-Jan-24	16-Feb-24																				
A2000	EWP2-38.01 - Blowers and Control System - Contract Execution	25-Jan-24	16-Feb-24																				
A2010	EWP2-45.01 - Spiral Mechanical Weirs and Baffles - Contract Execution	25-Jan-24	16-Feb-24																				
A1880	EWP2-01.01 - Chemical Feed System - Contract Execution	06-Feb-24	28-Feb-24																				
A1890	EWP2-01.02 - Gates - Contract Execution	06-Feb-24	28-Feb-24																				
A1900	EWP2-01.03 - Filament Wound FRP Tanks - Contract Execution	06-Feb-24	28-Feb-24																				
A1910	EWP2-01.04 - Valves - Contract Execution - Contract Execution	06-Feb-24	28-Feb-24																				
A1940	EWP2-12.01 - Vortex Grit Equipment and Grit Washer - Contract Execution	06-Feb-24	28-Feb-24																				
A1950	EWP2-12.02 - Induced Flow Centrifugal Pumps - Contract Execution	06-Feb-24	28-Feb-24																				
A1960	EWP2-12.03 - Mechanical Screen and Washer Compactor - Contract Execution	06-Feb-24	28-Feb-24																				
Early Work Packages - Submittals																							

■ Remaining Level of Effort
 ■ Actual Work
 ■ Critical Remaining Work
■ Actual Level of Effort
 ■ Remaining Work
 ◆ Milestone

Date	Revision	Checked	Approved
05-Oct-23	GMP1		

**Wilbarger Creek RWWTF
GMP1**

Activity ID	Activity Name	Start	Finish	2024												2025							
				Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
EWP4-01.01 - Drilled Piers Supply and Install		12-Feb-24	16-Feb-24																				
Early Work Packages - Construction		16-Feb-24	13-Feb-25																				
EWP2-09.01 - Yard Piping Critical Items		19-Jun-24	31-Jan-25																				
EWP3-01.01 - SWPPP, Demolition and Site Preparation		16-Feb-24	22-May-24																				
EWP4-01.01 - Drilled Piers Supply and Install		22-Jul-24	13-Feb-25																				
EWP4-01.01 - Area 1 - Piers and Shafts		22-Jul-24	02-Sep-24																				
EWP4-01.01 - Area 3 - Piers and Shafts		22-Jul-24	25-Sep-24																				
EWP4-01.01 - Area 2 - Piers and Shafts		10-Sep-24	09-Jan-25																				
EWP4-01.01 - Area 6 - Piers and Shafts		25-Sep-24	06-Nov-24																				
EWP4-01.01 - Area 4 - Piers and Shafts		06-Nov-24	29-Jan-25																				
EWP4-01.01 - Area 5 - Piers and Shafts		10-Jan-25	13-Feb-25																				

Remaining Level of Effort	Actual Work	Critical Remaining Work
Actual Level of Effort	Remaining Work	Milestone

Date	Revision	Checked	Approved
05-Oct-23	GMP1		

Section 3: Contract Documents

Exhibit C.1 List of Plans



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
General					
01-G001	COVER SHEET - VOLUME 6A OF 7 (FACILITIES 01-06)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G001.2	COVER SHEET - VOLUME 6B OF 7 (FACILITIES 08-31)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G001.3	COVER SHEET - VOLUME 6C OF 7 (FACILITIES 38-60)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G001.4	COVER SHEET - VOLUME 6D OF 7 (FACILITIES 70-99)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT588	PROCESS DRAIN YARD PIPING PROFILES 588	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-UT596	WATER LINE PROFILES 596	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP526	PROPOSED YARD PIPING PLAN - ENLARGED 26	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP527	PROPOSED YARD PIPING PLAN - ENLARGED 27	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I6001	CHEMICAL STORAGE AND FEED P&ID I	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G007	INDEX OF DRAWINGS 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G008	INDEX OF DRAWINGS 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G009	INDEX OF DRAWINGS 8	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G010	INDEX OF DRAWINGS 9	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S301	INFLUENT LIFT STATION ELECTRICAL BUILDING SECTIONS	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G012	INDEX OF DRAWINGS 11	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S301	AERATION BLOWER FACILITY SECTION 1	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G014	HYDRAULIC PROFILE PHASE 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G015	HYDRAULIC PROFILE PHASE 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G016	LIQUID STREAM PROCESS FLOW DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G017	SOLIDS STREAM PROCESS FLOW DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G018	LIQUID STREAM MASS BALANCE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G019	SOLIDS STREAM MASS BALANCE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G020	CIVIL NOTES AND LEGEND 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G021	CIVIL NOTES AND LEGEND 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G022	CIVIL NOTES AND LEGEND 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G023	CIVIL NOTES AND LEGEND 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G024	CIVIL NOTES AND LEGEND 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G025	CIVIL NOTES AND LEGEND 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G026	P&ID LEGEND & SYMBOLS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G027	P&ID LEGEND & SYMBOLS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G028	GENERAL NOTES, ABBREVIATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G029	ACCESSIBILITY STANDARD DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-E501	CHEMICAL FEED - ALUMINUM SULFATE STORAGE ROOM RISER DIAGRAM	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G031	PROCESS MECHANICAL NOTES, LEGENDS, AND ABBREVIATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-E502	CHEMICAL FEED - SODIUM - HYPOCHLORITE FEED EQUIPMENT ROOM RISER DIAGRAM	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-P304	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM SECTIONS 2	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G034	SOLENOID OPERATED VALVES AND SELF CONTAINED VALVES SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G035	POWER OPERATED VALVE SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G036	SLIDE GATE SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G037	ELECTRICAL LEGENDS AND SYMBOLS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G038	ELECTRICAL LEGENDS AND SYMBOLS -II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G039	SECURITY LEGEND & SYMBOLS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G040	SECURITY LEGEND AND SYMBOLS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G041	BUILDING MECHANICAL NOTES, LEGENDS, AND ABBREVIATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G042	AIRSPACE PROTECTION PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G043	STRUCTURAL NOTES, LEGENDS, AND ABBREVIATIONS	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G044	STRUCTURAL NOTES, LEGENDS, AND ABBREVIATIONS	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G045	STRUCTURAL NOTES, LEGENDS, AND ABBREVIATIONS	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-PV101	OVERALL TRAFFIC CONTROL PLAN	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
01-PV120	TRAFFIC CONTROL PLAN - ENLARGED 20	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
01-PV129	TRAFFIC CONTROL PLAN - ENLARGED 29	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
01-PV138	TRAFFIC CONTROL PLAN - ENLARGED 38	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
01-PV147	TRAFFIC CONTROL PLAN - ENLARGED 47	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
Site Plan					
02-C100	EMERGENCY ACCESS	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
02-C101	FIRE PROTECTION	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
02-C102	PROPOSED LANDSCAPING PLAN	0	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
02-C200	EXISTING SITE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G002	INDEX OF DRAWINGS 1	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
02-C202	OVERALL PROPOSED SITE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C203	PROPOSED SITE PLAN - ENLARGED 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C204	PROPOSED SITE PLAN - ENLARGED 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C205	PROPOSED SITE PLAN - ENLARGED 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C206	PROPOSED SITE PLAN - ENLARGED 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C207	PROPOSED SITE PLAN - ENLARGED 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C208	PROPOSED SITE PLAN - ENLARGED 8	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C212	PROPOSED SITE PLAN - ENLARGED 12	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
02-C215	PROPOSED SITE PLAN - ENLARGED 15	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C216	PROPOSED SITE PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C217	PROPOSED SITE PLAN - ENLARGED 17	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C218	PROPOSED SITE PLAN - ENLARGED 18	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C219	PROPOSED SITE PLAN - ENLARGED 19	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C221	PROPOSED SITE PLAN - ENLARGED 21	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C222	PROPOSED SITE PLAN - ENLARGED 22	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C223	PROPOSED SITE PLAN - ENLARGED 23	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C224	PROPOSED SITE PLAN - ENLARGED 24	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C225	PROPOSED SITE PLAN - ENLARGED 25	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C226	PROPOSED SITE PLAN - ENLARGED 26	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C227	PROPOSED SITE PLAN - ENLARGED 27	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C228	PROPOSED SITE PLAN - ENLARGED 28	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C229	PROPOSED SITE PLAN - ENLARGED 29	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C232	PROPOSED SITE PLAN - ENLARGED 32	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C233	PROPOSED SITE PLAN - ENLARGED 33	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C234	PROPOSED SITE PLAN - ENLARGED 34	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C235	PROPOSED SITE PLAN - ENLARGED 35	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C236	PROPOSED SITE PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C237	PROPOSED SITE PLAN - ENLARGED 37	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C243	PROPOSED SITE PLAN - ENLARGED 43	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C244	PROPOSED SITE PLAN - ENLARGED 44	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C245	PROPOSED SITE PLAN - ENLARGED 45	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C246	PROPOSED SITE PLAN - ENLARGED 46	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C251	PROPOSED SITE PLAN - ENLARGED 51	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
02-C252	PROPOSED SITE PLAN - ENLARGED 52	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Demolition and Erosion Control					
03-CX301	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - OVERALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX303	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX307	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX312	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 12	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX316	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX317	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 17	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX318	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 18	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX319	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 19	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX320	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 20	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX321	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 21	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX322	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 22	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX325	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 25	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX326	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 26	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX327	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 27	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX328	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 28	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX329	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 29	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX331	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 31	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX332	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 32	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX333	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 33	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX334	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 34	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX335	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 35	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX336	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX338	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 38	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX343	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 43	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX344	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 44	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX345	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 45	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX346	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 46	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX347	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 47	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX351	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 51	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
03-CX352	PROPOSED DEMOLITION AND EROSION CONTROL PLAN - ENLARGED 52	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Paving					
01-G003	INDEX OF DRAWINGS 2	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G004	INDEX OF DRAWINGS 3	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
04-GR501	GRADING AND DRAINAGE PLAN - OVERALL EXISTING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR502	GRADING AND DRAINAGE PLAN - OVERALL PROPOSED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR515	GRADING AND DRAINAGE PLAN - ENLARGED 15	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR516	GRADING AND DRAINAGE PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR517	GRADING AND DRAINAGE PLAN - ENLARGED 17	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR518	GRADING AND DRAINAGE PLAN - ENLARGED 18	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G005	INDEX OF DRAWINGS 4	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G006	INDEX OF DRAWINGS 5	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
04-GR523	GRADING AND DRAINAGE PLAN - ENLARGED 23	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR524	GRADING AND DRAINAGE PLAN - ENLARGED 24	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR525	GRADING AND DRAINAGE PLAN - ENLARGED 25	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR526	GRADING AND DRAINAGE PLAN - ENLARGED 26	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G011	INDEX OF DRAWINGS 10	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
04-GR528	GRADING AND DRAINAGE PLAN - ENLARGED 28	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR529	GRADING AND DRAINAGE PLAN - ENLARGED 29	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR532	GRADING AND DRAINAGE PLAN - ENLARGED 32	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR533	GRADING AND DRAINAGE PLAN - ENLARGED 33	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR534	GRADING AND DRAINAGE PLAN - ENLARGED 34	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR535	GRADING AND DRAINAGE PLAN - ENLARGED 35	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR536	GRADING AND DRAINAGE PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR537	GRADING AND DRAINAGE PLAN - ENLARGED 37	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR543	GRADING AND DRAINAGE PLAN - ENLARGED 43	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR544	GRADING AND DRAINAGE PLAN - ENLARGED 44	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR545	GRADING AND DRAINAGE PLAN - ENLARGED 45	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR546	GRADING AND DRAINAGE PLAN - ENLARGED 46	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR547	GRADING AND DRAINAGE PLAN - ENLARGED 47	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR552	GRADING AND DRAINAGE PLAN - ENLARGED 52	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
01-G013	BUILDING CLASSIFICATION	2	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G030	STRUCTURAL NOTES, LEGENDS, AND ABBREVIATIONS	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
01-G032	PROCESS PIPING SCHEDULE 1 OF 2	1	6/2/2023	6/30/2023	CMAR Procurement Rev 01 20230630
01-G033	PROCESS PIPING SCHEDULE 2 OF 2	1	6/2/2023	6/30/2023	CMAR Procurement Rev 01 20230630
02-C201	TEMPORARY FACILITIES	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
04-GR558	DRAINAGE PROFILES 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR559	DRAINAGE PROFILES 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR560	DRAINAGE PROFILES 8	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR561	DRAINAGE PROFILES 9	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR562	DRAINAGE PROFILES 10	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV402	PAVING PLAN - OVERALL PROPOSED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV415	PAVING PLAN - ENLARGED 15	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV416	PAVING PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV417	PAVING PLAN - ENLARGED 17	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV418	PAVING PLAN - ENLARGED 18	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV421	PAVING PLAN - ENLARGED 21	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV422	PAVING PLAN - ENLARGED 22	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV423	PAVING PLAN - ENLARGED 23	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV424	PAVING PLAN - ENLARGED 24	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV425	PAVING PLAN - ENLARGED 25	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV426	PAVING PLAN - ENLARGED 26	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV427	PAVING PLAN - ENLARGED 27	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV428	PAVING PLAN - ENLARGED 28	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV429	PAVING PLAN - ENLARGED 29	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV435	PAVING PLAN - ENLARGED 35	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PV436	PAVING PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ469	PAVING PROFILES 69	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ470	PAVING PROFILES 70	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ471	PAVING PROFILES 71	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ472	PAVING PROFILES 72	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ473	PAVING PROFILES 73	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ474	PAVING PROFILES 74	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ475	PAVING PROFILES 75	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ476	PAVING PROFILES 76	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-PZ477	PAVING PROFILES 77	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-TS477	TYPICAL ROAD SECTIONS 77	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Yard Piping					
05-UT569	PROCESS YARD PIPING PROFILES 569	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT570	PROCESS YARD PIPING PROFILES 570	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT571	PROCESS YARD PIPING PROFILES 571	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT572	PROCESS YARD PIPING PROFILES 572	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT573	PROCESS YARD PIPING PROFILES 573	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT574	PROCESS YARD PIPING PROFILES 574	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT575	PROCESS YARD PIPING PROFILES 575	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT576	PROCESS YARD PIPING PROFILES 576	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT577	PROCESS YARD PIPING PROFILES 577	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-DA500	EXISTING DRAINAGE MAP	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
04-DA501	PROPOSED DRAINAGE MAP 1	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
04-GR521	GRADING AND DRAINAGE PLAN - ENLARGED 21	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
04-GR522	GRADING AND DRAINAGE PLAN - ENLARGED 22	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-UT585	PROCESS DRAIN YARD PIPING PROFILES 585	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT586	PROCESS DRAIN YARD PIPING PROFILES 586	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT587	PROCESS DRAIN YARD PIPING PROFILES 587	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR527	GRADING AND DRAINAGE PLAN - ENLARGED 27	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-UT589	PROCESS DRAIN YARD PIPING PROFILES 589	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT590	PROCESS DRAIN YARD PIPING PROFILES 590	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT591	PROCESS DRAIN YARD PIPING PROFILES 591	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT592	PROCESS DRAIN YARD PIPING PROFILES 592	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT593	WATER LINE PROFILES 593	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT594	WATER LINE PROFILES 594	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT595	WATER LINE PROFILES 595	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR553	DRAINAGE PROFILES 1	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-UT597	WATER LINE PROFILES 597	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT598	WATER LINE PROFILES 598	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR554	DRAINAGE PROFILES 2	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-UT600	WATER LINE PROFILES 600	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT601	WATER LINE PROFILES 601	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT602	WATER LINE PROFILES 602	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT603	WATER LINE PROFILES 603	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT604	WATER LINE PROFILES 604	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT605	WATER LINE PROFILES 605	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT606	WATER LINE PROFILES 606	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT607	WATER LINE PROFILES 607	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT608	WATER LINE PROFILES 608	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR555	DRAINAGE PROFILES 3	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
04-GR556	DRAINAGE PROFILES 4	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-YP502	PROPOSED PROCESS YARD PIPING PLAN - OVERALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP515	PROPOSED YARD PIPING PLAN - ENLARGED 15	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP516	PROPOSED YARD PIPING PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP521	PROPOSED YARD PIPING PLAN - ENLARGED 21	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
04-GR557	DRAINAGE PROFILES 5	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
05-YP523	PROPOSED YARD PIPING PLAN - ENLARGED 23	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT581	PROCESS DRAIN YARD PIPING PROFILES 581	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-UT582	PROCESS DRAIN YARD PIPING PROFILES 582	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-UT583	PROCESS DRAIN YARD PIPING PROFILES 583	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-UT584	PROCESS DRAIN YARD PIPING PROFILES 584	1	8/11/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP528	PROPOSED YARD PIPING PLAN - ENLARGED 28	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP529	PROPOSED YARD PIPING PLAN - ENLARGED 29	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT599	WATER LINE PROFILES 599	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP536	PROPOSED YARD PIPING PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP543	PROPOSED YARD PIPING PLAN - ENLARGED 43	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP544	PROPOSED YARD PIPING PLAN - ENLARGED 44	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP552	PROPOSED YARD PIPING PLAN - ENLARGED 52	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Site Electrical					
05-UT609	WATER LINE PROFILES 609	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E116	ELECTRICAL SITE PLAN - ENLARGED 16	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-UT610	WATER LINE PROFILES 610	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP522	PROPOSED YARD PIPING PLAN - ENLARGED 22	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP524	PROPOSED YARD PIPING PLAN - ENLARGED 24	1	8/11/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E122	ELECTRICAL SITE PLAN - ENLARGED 22	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E123	ELECTRICAL SITE PLAN - ENLARGED 23	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E124	ELECTRICAL SITE PLAN - ENLARGED 24	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E125	ELECTRICAL SITE PLAN - ENLARGED 25	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
05-YP525	PROPOSED YARD PIPING PLAN - ENLARGED 25	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
05-YP535	PROPOSED YARD PIPING PLAN - ENLARGED 35	1	7/14/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E101	ELECTRICAL SITE PLAN OVERALL	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E117	ELECTRICAL SITE PLAN - ENLARGED 17	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E135	ELECTRICAL SITE PLAN - ENLARGED 35	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E136	ELECTRICAL SITE PLAN - ENLARGED 36	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E301	SITE ELECTRICAL - DUCTBANK SECTIONS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E302	SITE ELECTRICAL - DUCTBANK SECTIONS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E303	SITE ELECTRICAL - DUCTBANK SECTIONS - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E304	SITE ELECTRICAL - DUCTBANK SECTIONS - IV	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E305	SITE ELECTRICAL - DUCTBANK SECTIONS - V	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E118	ELECTRICAL SITE PLAN - ENLARGED 18	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E121	ELECTRICAL SITE PLAN - ENLARGED 21	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E403	ELECTRICAL SITE PLAN - ENLARGED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
06-E404	ELECTRICAL SITE PLAN - ENLARGED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E405	ELECTRICAL SITE PLAN - ENLARGED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E601	MAIN PLANT DISTRIBUTION RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E602	FIBER OPTIC RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E606	SITE LIGHTING RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Instrument and Controls					
08-I1001	INFLUENT LIFT STATION P&ID - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1002	INFLUENT LIFT STATION P&ID - 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1201	SCREENING FACILITY P&ID - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1202	SCREENING FACILITY P&ID - 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1203	GRIT REMOVAL P&ID - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1204	GRIT REMOVAL P&ID - 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1205	GRIT REMOVAL P&ID - 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1301	INFLUENT FOUL AIR FACILITY #1 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I1301A	INFLUENT FOUL AIR FACILITY #1 P&ID BID ALTERNATE NO.1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3101	AERATION BASIN NO.1 & 2 P&ID BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3101A	AERATION BASIN NO.1 & 2 P&ID ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3102	AERATION BASIN NO.1 P&ID BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3102A	AERATION BASIN NO.1 P&ID ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3103	AERATION BASIN NO.2 P&ID BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3103A	AERATION BASIN NO.2 P&ID ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3800	AERATION AIR HEADER OVERVIEW P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3801	AERATION BLOWER NO.1 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3802	AERATION BLOWER NO.2 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3803	AERATION BLOWER NO.3 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3804	AERATION BLOWER NO.4 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I3805	AERATION BLOWER NO.5 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E126	ELECTRICAL SITE PLAN - ENLARGED 26	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I4502	SECONDARY CLARIFIER NO.2 P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I4601	RAS/WAS PUMP STATION P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5001	TERTIARY FILTERS P&ID 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5002	TERTIARY FILTERS P&ID 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5003	TERTIARY FILTERS P&ID 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5301	UV DISINFECTION P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5501	EFFLUENT FACILITY P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I5601	NON-POTABLE WATER SYSTEM P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E127	ELECTRICAL SITE PLAN - ENLARGED 27	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E128	ELECTRICAL SITE PLAN - ENLARGED 28	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
06-E129	ELECTRICAL SITE PLAN - ENLARGED 29	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I7002	SLUDGE RECIRCULATION PUMP STATION P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I7003	AERATED SLUDGE HOLDING TANK BLOWERS P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I7201	POLYMER BULK STORAGE AND TRANSFER PUMP P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E401	ELECTRICAL SITE PLAN - ENLARGED	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I7203	POLY BLENDING UNITS P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
06-E402	ELECTRICAL SITE PLAN - ENLARGED	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I4501	SECONDARY CLARIFIER NO.1 P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I6002	CHEMICAL STORAGE AND FEED P&ID 2	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I7001	AERATED SLUDGE HOLDING TANKS P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I8801	MAIN ELECTRICAL BUILDING P&ID	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Civil Yard Structures					
09-S101	FLOW METER VAULT PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S111	HYDRAULIC DROP BOX PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S121	OUTFALL DISCHARGE HEADWALL LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S131	STORM WATER DETENTION BOX PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S301	FLOW METER VAULT SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S311	HYDRAULIC DROP BOX SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S321	OUTFALL DISCHARGE SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S331	STORM WATER DETENTION BOX SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S901	FLOW METER VAULT ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S911	HYDRAULIC DROP BOX ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S921	OUTFALL DISCHARGE ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
09-S931	STORM WATER DETENTION BOX ISOMETRIC VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Influent Lift Station #1					
10-AP001	INFLUENT LIFT STATION AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-AP002	INFLUENT LIFT STATION ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E100	INFLUENT LIFT STATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E101	INFLUENT LIFT STATION POWER AND CONTROL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E102	INFLUENT LIFT STATION GROUNDING AND LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

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Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
10-E103	INFLUENT LIFT STATION SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E301	INFLUENT LIFT STATION DUCTBANK SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E501	INFLUENT LIFT STATION RISER DIAGRAM - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E502	INFLUENT LIFT STATION RISER DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E503	INFLUENT LIFT STATION DETAILS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-E504	INFLUENT LIFT STATION DETAILS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I7202	POLYMER DAY TANKS P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I7204	CENTRIFUGE FEED PUMPS P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
10-P301	INFLUENT LIFT STATION SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-P302	INFLUENT LIFT STATION SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-P303	INFLUENT LIFT STATION SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I7205	CENTRIFUGE NO.1 P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
10-S101	INFLUENT LIFT STATION DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S102	INFLUENT LIFT STATION LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S103	INFLUENT LIFT STATION INTERMEDIATE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S104	INFLUENT LIFT STATION UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S105	ENLARGED INFLUENT LIFT STATION UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S301	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S302	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S303	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S304	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S305	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S306	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S307	INFLUENT LIFT STATION SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S501	INFLUENT LIFT STATION ENLARGED DETAILS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S502	INFLUENT LIFT STATION ENLARGED DETAILS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S503	INFLUENT LIFT STATION ENLARGED DETAILS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S504	INFLUENT LIFT STATION ENLARGED DETAILS 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-S601	INFLUENT LIFT STATION GRADE BEAM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Headworks #1					
12-AP001	HEADWORKS AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-AP002	HEADWORKS ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E100	HEADWORKS AREA SITE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E101	HEADWORKS LOWER LEVEL GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E102	HEADWORKS LOWER LEVEL LIGHTING AND RECEPTACLE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E103	HEADWORKS UPPER LEVEL LIGHTING AND RECEPTACLE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E104	HEADWORKS UPPER LEVEL POWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E105	HEADWORKS LOWER LEVEL POWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E106	HEADWORKS STAIRWELL SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E107	HEADWORKS UPPER LEVEL ELECTRICAL DETAILS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E301	HEADWORKS DUCTBANK SECTION - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E302	HEADWORKS DUCTBANK SECTION - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E501	HEADWORKS RISER DIAGRAM - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E502	HEADWORKS RISER DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E503	HEADWORKS FINE SCREEN RISER DIAGRAM & DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E504	HEADWORKS GRIT WASHER RISER DIAGRAM & DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E505	HEADWORKS GRIT PUMP RISER DIAGRAM AND DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-E506	HEADWORKS LIGHTING CONTACTOR SCHEMATICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P101	HEADWORKS UNDER SLAB PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P102	HEADWORKS LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P103	HEADWORKS INTERMEDIATE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P104	HEADWORKS UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P105	ENLARGED LOWER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P106	ENLARGED LOWER PLAN 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P107	HEADWORKS ENLARGED UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P301	HEADWORKS SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
08-I7206	CENTRIFUGE NO.2 P&ID	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
08-I7207	CENTRIFUGE NO.3 P&ID (FUTURE)	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
12-P304	HEADWORKS SECTION 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P305	HEADWORKS SECTION 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P306	HEADWORK SECTIONS 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P307	HEADWORKS SECTION 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P308	HEADWORKS SECTION 8	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P309	HEADWORKS SECTION 9	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P310	HEADWORKS SECTION 10	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S101	HEADWORKS DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S102	HEADWORKS OVERALL LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S103	HEADWORKS NORTH LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
12-S104	HEADWORKS SOUTH LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S105	HEADWORKS PARTIAL PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S106	HEADWORKS ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S107	HEADWORKS ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S108	HEADWORKS OVERALL INTERMEDIATE PLAN AT ELEV. 573.00	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S109	HEADWORKS NORTH INTERMEDIATE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S110	HEADWORKS SOUTH INTERMEDIATE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S111	HEADWORKS UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S112	HEADWORKS ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-P101	INFLUENT LIFT STATION FOUNDATION PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
12-S114	HEADWORKS ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S115	HEADWORKS ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S301	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S302	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S303	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S304	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S305	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S306	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-P102	INFLUENT LIFT STATION TOP OF WALL PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
12-S308	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S309	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S310	HEADWORKS SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S311	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S312	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S313	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S314	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S315	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S316	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S317	HEADWORKS DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S318	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S319	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S320	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S501	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S502	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S503	HEADWORKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S504	GARBAGE CHUTE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Influent Foul Air Facility #1					
13-A001A	INFLUENT FOUL AIR AREA PLAN PROPOSAL ALTERNATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-A002A	INFLUENT FOUL AIR ISOMETRICS PROPOSAL ALTERNATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
10-P304	INFLUENT LIFT STATION SECTIONS 4	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
13-AP002	INFLUENT FOUL AIR ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-E101	INFLUENT FOUL AIR FACILITY UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-E501	INFLUENT FOUL AIR FACILITY-RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-E601	INFLUENT FOUL AIR FACILITY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P101	INFLUENT FOUL AIR FACILITY UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P101A	INFLUENT FOUL AIR FACILITY UPPER PLAN PROPOSAL ALTERNATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P301	INFLUENT FOUL AIR FACILITY SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P302	INFLUENT FOUL AIR FACILITY SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P303	INFLUENT FOUL AIR FACILITY SECTION AT FANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P303A	INFLUENT FOUL AIR FACILITY SECTION AT FANS PROPOSAL ALTERNATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P601	AIR FLOW BALANCING SCHEMATIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-P601A	AIR FLOW BALANCING SCHEMATIC PROPOSAL ALTERNATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S101	INFLUENT FOUL AIR FACILITY DRILLED PIER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S101A	INFLUENT FOUL AIR FACILITY DRILLED PIER PLAN 1A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S102	INFLUENT FOUL AIR FACILITY LOWER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S102A	INFLUENT FOUL AIR FACILITY DRILLED PIER PLAN 1A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S103	INFLUENT FOUL AIR FACILITY UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S301	INFLUENT FOUL AIR FACILITY SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S301A	INFLUENT FOUL AIR FACILITY SECTIONS 1A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-S302	INFLUENT FOUL AIR FACILITY SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
ILS/HW Electrical Building #1					
14-AP001	INFLUENT LIFT STATION AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-AP002	INFLUENT LIFT STATION ISOMETRIC VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E101	ILS ELECTRICAL BUILDING FLOOR PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E102	ILS ELECTRICAL BUILDING LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E103	ILS ELECTRICAL BUILDING GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P302	HEADWORKS SECTION 2	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
14-E105	ILS ELECTRICAL BUILDING CONTROL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
14-E106	ILS ELECTRICAL BUILDING CABLETRAY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-P303	HEADWORKS SECTION 3	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
12-S113	HEADWORKS ENLARGED PLANS	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
14-E503	MCC-2 ONE-LINE DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E504	MCC-2 ONE-LINE DIAGRAM - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E506	SWITCHBOARD SWB2 & MCC-2 ELEVATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E506A	PLC-ILS INTERFACE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
12-S307	HEADWORKS SECTION	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
14-M101	INFLUENT LIFT STATION ELECTRICAL BUILDING HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-M301	INFLUENT LIFT STATION ELECTRICAL BUILDING HVAC SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-M601	INFLUENT LIFT STATION ELECTRICAL BUILDING HVAC SCHEDULES AND AIRFLOW SCHEMATIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S001	INFLUENT LIFT STATION ELECTRICAL BUILDING LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S101	INFLUENT LIFT STATION ELECTRICAL BUILDING DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S102	INFLUENT LIFT STATION ELECTRICAL BUILDING LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S103	INFLUENT LIFT STATION ELECTRICAL BUILDING ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S104	INFLUENT LIFT STATION ELECTRICAL BUILDING ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S201	INFLUENT LIFT STATION ELECTRICAL BUILDING ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
13-AP001	INFLUENT FOUL AIR AREA PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
14-S302	INFLUENT LIFT STATION ELECTRICAL BUILDING ENLARGED SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S303	INFLUENT LIFT STATION ELECTRICAL BUILDING ENLARGED SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-S601	INFLUENT LIFT STATION ELECTRICAL BUILDING SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Aeration Basing #1 & 2					
31-AP001	AERATION BASIN AREA PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-AP001A	AERATION BASIN AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-AP002	AERATION BASIN ISOMETRIC BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-AP002B	AERATION BASIN ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E100	AERATION BASIN AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E101	AERATION BASIN ELECTRICAL AND LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E102	AERATION BASIN GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E103	AERATION BASIN AREA - A UPPER LEVEL ELECTRICAL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E104	AERATION BASIN AREA - B UPPER LEVEL ELECTRICAL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E105	AERATION BASIN AREA - C UPPER LEVEL ELECTRICAL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E106	AERATION BASIN AREA PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E301	ELECTRICAL DUCTBANK SECTIONS NO.1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E302	ELECTRICAL DUCTBANK SECTIONS NO.2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E303	ELECTRICAL DUCTBANK SECTIONS NO.1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E304	ELECTRICAL DUCTBANK SECTIONS NO.2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E501	AERATION BASIN 1&2 ANAEROBIC & ANOXIC BASIN RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E502	AERATION BASIN 1&2 ANAEROBIC ZONE 1&2 RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E503	AERATION BASIN NO.1 AEROBIC ZONE 3&4 RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E504	AERATION BASIN NO.2 AEROBIC ZONE 3&4 RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E505	AERATION BASIN MOUNTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E601	AERATION BASIN PLC-BLR INTERFACE DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-E602	AERATION BASIN PLC-BLR INTERFACE DIAGRAM - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P101	AERATION BASIN OVERALL LOWER PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P101A	AERATION BASIN OVERALL LOWER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P102	AERATION OVERALL UPPER PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P102A	AERATION OVERALL UPPER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E104	ILS ELECTRICAL BUILDING POWER PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P103A	AERATION BASIN AREA A LOWER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E501	SWBD-2 ONE-LINE DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P104A	AERATION BASIN AREA B LOWER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E502	MCC-2 ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P105A	AERATION BASIN AREA C LOWER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P106	AERATION BASIN AREA A UPPER PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P106A	AERATION BASIN AREA A UPPER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P107	AERATION BASIN AREA B UPPER PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P107A	AERATION BASIN AREA B UPPER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P108	AERATION BASIN AREA C UPPER PLAN BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P108A	AERATION BASIN AREA C UPPER PLAN ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
14-E507	ILS - ELECTRICAL DETAILS	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P109A	AERATION BASIN ENLARGED PLAN 1 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P103	AERATION BASIN AREA A LOWER PLAN BASE BID - A2O CONFIGURATION	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P110A	AERATION BASIN ENLARGED PLAN 2 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P301	AERATION BASIN SECTIONS 1 BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P301A	AERATION BASIN SECTIONS 1 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P302	AERATION BASIN SECTIONS 2 BASE BID - A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P302A	AERATION BASIN SECTIONS 2 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
31-P303	AERATION BASIN SECTIONS 3 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P303A	AERATION BASIN SECTIONS 3 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P304	AERATION BASIN SECTIONS 4 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P304A	AERATION BASIN SECTIONS 4 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P305	AERATION BASIN SECTIONS 5 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P305A	AERATION BASIN SECTIONS 5 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P306	AERATION BASIN SECTIONS 6 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P306A	AERATION BASIN SECTIONS 6 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P307	AERATION BASIN SECTIONS 7 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P307A	AERATION BASIN SECTIONS 7 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P308	AERATION BASIN SECTIONS 8 BASE BID -A2O CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P308A	AERATION BASIN SECTIONS 8 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P104	AERATION BASIN AREA B LOWER PLAN BASE BID -A2O CONFIGURATION	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-P309A	AERATION BASIN SECTIONS 9 ALTERNATE - AO CONFIGURATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S101	AERATION BASIN DRILLED PIER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S102	AERATION BASIN DRILLED PIER PLAN 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S103	AERATION BASIN LOWER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S104	AERATION BASIN LOWER PLAN 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S105	AERATION BASIN UPPER PLAN 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S106	AERATION BASIN UPPER PLAN 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S107	AERATION BASIN ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S108	AERATION BASIN ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S109	AERATION BASIN ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P105	AERATION BASIN AREA C LOWER PLAN BASE BID -A2O CONFIGURATION	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-S302	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S303	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S304	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S305	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S306	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S307	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S308	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S309	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S310	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S311	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P109	AERATION BASIN ENLARGED PLAN 1 BASE BID -A2O CONFIGURATION	1	7/26/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-S313	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-S314	AERATION BASIN SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Aeration Blower Facility					
38-AP001	AERATION BASIN BLOWER FACILITY AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-AP002	AERATION BLOWER FACILITY ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E101	BLOWER BUILDING ELECTRICAL AND GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P110	AERATION BASIN ENLARGED PLAN 2 BASE BID -A2O CONFIGURATION	1	7/26/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-E103	BLOWER BUILDING BLOWER ROOM POWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E104	BLOWER BUILDING LIGHTING AND RECEPTACLE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E105	BLOWER BUILDING CABLE TRAY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
31-P309	AERATION BASIN SECTIONS 9 BASE BID -A2O CONFIGURATION	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-S301	AERATION BASIN SECTION	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
31-S312	AERATION BASIN SECTION	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-E102	BLOWER BUILDING ELECTRICAL ROOM POWER PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-E601	AERATION BASIN PLC-BLR INTERFACE DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E602	AERATION BASIN PLC-BLR INTERFACE DIAGRAM - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-M101	AERATION BLOWER FACILITY ROOM HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-M102	AERATION BLOWER FACILITY ELECTRICAL ROOM HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-M301	AERATION BLOWER FACILITY SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E502	MCC-3 ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-E503	MCC-3 ONE-LINE DIAGRAM - II	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-P301	AERATION BLOWER FACILITY SECTION 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-P302	AERATION BLOWER FACILITY SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-P303	AERATION BLOWER FACILITY SECTION 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-P304	AERATION BLOWER FACILITY SECTION 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S001	AERATION BLOWER FACILITY LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S101	AERATION BLOWER FACILITY DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S102	AERATION BLOWER FACILITY LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S103	AERATION BLOWER FACILITY ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S104	AERATION BLOWER FACILITY ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S105	AERATION BLOWER FACILITY ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S106	AERATION BLOWER YARD PIPE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S201	AERATION BLOWER FACILITY ELEVATIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
38-S202	AERATION BLOWER FACILITY ELEVATIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E504	SWITCHBOARD AND MCC ELEVATIONS	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
38-S302	AERATION BLOWER FACILITY SECTION 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S303	AERATION BLOWER FACILITY SECTION 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S501	AERATION BLOWER FACILITY ENLARGED DETAILS I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S601	AERATION BLOWER FACILITY DOOR SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-S602	AERATION BLOWER FACILITY GRADE BEAM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Mixed Liquor Splitter Box					
40-AP001	MIXED LIQUOR SPLITTER BOX AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-AP002	MIXED LIQUOR SPLITTER BOX ISOMETRIC VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-E101	MIXED LIQUOR SPLITTER BOX GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-E505	BLOWER BUILDING RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
40-P101	MIXED LIQUOR SPLITTER BOX LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-P102	MIXED LIQUOR SPLITTER BOX UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-P301	MIXED LIQUOR SPLITTER BOX SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-P302	MIXED LIQUOR SPLITTER BOX SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-P303	MIXED LIQUOR SPLITTER BOX SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S101	MIXED LIQUOR SPLITTER BOX DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S102	MIXED LIQUOR SPLITTER BOX LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S103	MIXED LIQUOR SPLITTER BOX INTERMEDIATE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S104	MIXED LIQUOR SPLITTER BOX UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S301	MIXED LIQUOR SPLITTER BOX SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S302	MIXED LIQUOR SPLITTER BOX SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S303	MIXED LIQUOR SPLITTER BOX SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S304	MIXED LIQUOR SPLITTER BOX SECTIONS 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S305	MIXED LIQUOR SPLITTER BOX SECTIONS 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S501	MIXED LIQUOR SPLITTER BOX DETAILS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S502	MIXED LIQUOR SPLITTER BOX DETAILS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-S503	MIXED LIQUOR SPLITTER BOX DETAILS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Secondary Clarifiers #1 & #2					
45-AP001	SECONDARY CLARIFIERS NO. 1 AND 2 AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-AP002	SECONDARY CLARIFIER ISOMETRIC VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
38-M601	AERATION BLOWER FACILITY HVAC SCHEDULES	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
38-P101	AERATION BLOWER FACILITY FLOOR PLAN	1	7/26/2023	8/15/2023	CMAR Procurement Rev 02 20230815
45-E501	SECONDARY CLARIFIERS 1&2 PLAN AND DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
40-E102	MIXED LIQUOR SPLITTER BOX LIGHTING AND RECEPTACLE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
45-P101	SECONDARY CLARIFIER NO. 1 PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-P102	SECONDARY CLARIFIERS #2 TOP OF WALL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-P301	SECONDARY CLARIFIERS SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-P302	SECONDARY CLARIFIERS SECTION 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S101	OVERALL PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S102	SECONDARY CLARIFIER 1 DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S103	SECONDARY CLARIFIER #2 DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S104	SECONDARY CLARIFIER #1 LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S105	SECONDARY CLARIFIER #2 LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S106	SECONDARY CLARIFIER #1 UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S107	SECONDARY CLARIFIERS #2 UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S301	SECONDARY CLARIFIERS #1 SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S302	SECONDARY CLARIFIERS #1 SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S303	SECONDARY CLARIFIERS #2 SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S304	SECONDARY CLARIFIERS #2 SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S501	SECONDARY CLARIFIERS DETAILS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-S502	SECONDARY CLARIFIERS DETAILS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
RAS/WAS Pump Station					
46-AP001	RAS/WAS PUMP STATION AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-AP002	RAS/WAS PUMP STATION ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
45-E101	CLARIFIER AREA PARTIAL SITE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
45-E102	SECONDARY CLARIFIERS 1&2 PLAN AND DETAILS	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
45-E601	SECONDARY CLARIFIER INTERFACE AND RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E101	RAS/WAS PUMP STATION PARTIAL SITE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E105	RAS/WAS PUMP STATION PUMP POWER, ASSOCIATED CONTROL AND GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-E106	RAS/WAS PUMP STATION INSTRUMENTATION AND CONTROL DEVICE LOCATION PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-E301	RAS/WAS PUMP STATION DUCTBANK SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-E102	RAS/WAS PUMP STATION ELECTRICAL BUILDING POWER AND GROUNDING PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E103	RAS/WAS PUMP STATION ELECTRICAL BUILDING CONTROL LIGHTING AND RECEPTACLE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E104	RAS/WAS PUMP STATION ELECTRICAL BUILDING CABLE TRAY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E501	RAS/WAS PUMP STATION MCC-4 ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E502	RAS/WAS PUMP STATION MCC-4 ONE-LINE DIAGRAM - II	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815



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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
46-E503	RAS/WAS PUMP STATION RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-E601	RAS/WAS PUMP STATION INTERFACE DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-P101	RAS/WAS PUMP STATION UNDERSLAB PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-P102	RAS/WAS PUMP STATION PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-E602	RAS/WAS PUMP STATION PANELBOARD SCHEDULES	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
46-P104	RAS/WAS PUMP STATION DISCHARGE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-P301	RAS/WAS PUMP STATION SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-P302	RAS/WAS PUMP STATION SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S001	RAS/WAS PUMP STATION LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S101	RAS/WAS DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S102	RAS/WAS LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S103	RAS/WAS PUMP STATION ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S104	RAS/WAS PUMP STATION ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S201	RAS/WAS PUMP STATION ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S301	RAS/WAS PUMP STATION SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S302	RAS/WAS PUMP STATION SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S303	RAS/WAS PUMP STATION SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S304	RAS/WAS PUMP STATION SECTIONS 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S305	RAS/WAS PUMP STATION SECTIONS 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-S601	RAS/WAS PUMP STATION SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Tertiary Filters					
50-AP001	TERTIARY FILTERS AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-AP0022	TERTIARY FILTERS ISOMETRICS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E101	TERTIARY FILTERS - POWER AND CONTROL UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E102	TERTIARY FILTERS POWER AND CONTROL LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E103	TERTIARY FILTERS LIGHTING UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E104	TERTIARY FILTERS LIGHTING LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E105	TERTIARY FILTER GROUNDING UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E106	TERTIARY FILTERS GROUNDING LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E107	TERTIARY FILTERS ENLARGED PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E301	TERTIARY FILTERS ELECTRICAL SECTION - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E501	TERTIARY FILTERS ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-M101	RAS/WAS ELECTRICAL BUILDING HVAC PLAN AND SECTIONS	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
50-E602	FILTERS NO.1 & NO.3 RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-E603	FILTERS NO.2 RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-P101	TERTIARY FILTERS LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-M601	RAS/WAS ELECTRICAL BUILDING SCHEDULES AND AIRFLOW DIAGRAM	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
50-P301	TERTIARY FILTERS SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
46-P103	RAS/WAS PUMP STATION SUCTION PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
50-E601	EFFLUENT FILTERS OVERALL RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
50-S101	TERTIARY FILTERS DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S102	TERTIARY FILTERS LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S103	TERTIARY FILTERS UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S104	TERTIARY FILTER ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S105	TERTIARY FILTER ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S301	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S302	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S303	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S304	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S305	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S306	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S307	TERTIARY FILTERS SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S308	TERTIARY FILTER DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S309	TERTIARY FILTER ENLARGED SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S501	TERTIARY FILTER DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S502	TERTIARY FILTER DETAILS II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-S601	GRADE BEAMS SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
UV/Effluent/NPW Facility Structure					
52-AP001	UV DISINFECTION AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-AP002	UV DISINFECTION ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-P102	TERTIARY FILTERS UPPER PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
52-E102	UV, EFFLUENT, AND NPW DUCTBANK ROUTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
50-P302	TERTIARY FILTERS SECTION 2	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
50-P303	TERTIARY FILTERS SECTIONS 3 AND 4	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
52-E601	UV, EFFLUENT, AND NPW EQUIPMENT TAG TABLES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S101	DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S102	OVERALL LOWER GENERAL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S103	LOWER PLAN AREA B	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
52-S104	LOWER PLAN AREA C	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S105	OVERALL INTERMEDIATE PLAN @ EL. 538.00	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S106	INTERMEDIATE PLAN @ EL. 538.00 AREA A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S107	INTERMEDIATE PLAN @ EL. 538.00 AREA B	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S108	INTERMEDIATE PLAN @ EL. 538.00 AREA C	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S109	OVERALL INTERMEDIATE PLAN @ EL. 546.00	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S110	INTERMEDIATE PLAN @ EL. 546.00 AREA A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S111	INTERMEDIATE PLAN @ EL. 546.00 AREA B	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S112	INTERMEDIATE PLAN @ EL. 546.00 AREA C	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S113	OVERALL UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S114	UPPER PLAN AREA A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S115	UPPER PLAN AREA B	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S116	ROOF PLAN AREA A	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S301	UV DISINFECTION SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S302	UV DISINFECTION SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S303	UV DISINFECTION SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S304	UV DISINFECTION SECTIONS 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S305	UV DISINFECTION SECTIONS 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S306	UV DISINFECTION SECTIONS 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S307	UV DISINFECTION SECTIONS 7	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S308	UV DISINFECTION SECTIONS 8	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S309	UV DISINFECTION ENLARGED VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S310	UV DISINFECTION ENLARGED VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S311	UV DISINFECTION ENLARGED VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S501	UV DISINFECTION DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-S502	TERTIARY FILTER DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
UV Facility					
53-AP002	UV DISINFECTION ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E101	UV SYSTEM POWER AND CONTROL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E102	UV AND NPW GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E103	UV AND NPW LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E104	UV INFLUENT METER VAULT POWER AND CONTROL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E501	UV ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E601	UV CHANNEL A RISER DIAGRAM - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E602	UV CHANNEL B RISER DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E603	UV CHANNEL A INTERCONNECTION RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E604	UV CHANNEL B INTERCONNECTION RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-E605	UV SCC INTERFACE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-P101	UV DISINFECTION LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-P102	UV DISINFECTION TOP OF WALL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-P301	UV SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-P302	UV SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
53-P303	UV SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
UV Electrical Building #1					
54-AP001	UV ELECTRICAL BUILDING AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-AP002	UV ELECTRICAL BUILDING ISOMETRIC VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-E101	UV, EFFLUENT, AND NPW PARTIAL ELECTRICAL SITE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
54-E102	FILTERS UV ELECTRICAL BUILDING LIGHTING & RECEPTACLE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E103	FILTERS UV ELECTRICAL BUILDING CABLE TRAY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
52-E501	UV, EFFLUENT, AND NPW DUCTBANK SCHEDULE - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
52-E502	UV, EFFLUENT, AND NPW DUCTBANK PLAN SCHEDULE - II	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
54-E503	MCC-5 ELEVATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E101	FILTERS UV ELECTRICAL BUILDING POWER, CONTROL, AND, GROUNDING PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
54-E601	PLC-UV INTERFACE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E602	ELECTRICAL SCHEMATICS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-M101	UV ELECTRICAL BUILDING HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-M301	UV ELECTRICAL BUILDING HVAC SECTIONS AND ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E501	MCC-5 ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
54-S001	UV ELECTRICAL BUILDING LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S101	UV ELECTRICAL BUILDING DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S102	UV ELECTRICAL LOWER BUILDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S103	UV ELECTRICAL BUILDING ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S104	UV ELECTRICAL BUILDING ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S201	UV ELECTRICAL BUILDING ELEVATIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S301	UV ELECTRICAL BUILDING SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-S601	UV ELECTRICAL BUILDING DOOR SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Effluent Facility					
55-AP002	EFFLUENT FACILITY ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
55-E101	EFFLUENT FACILITY OVERALL ELECTRICAL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-E102	EFFLUENT FACILITY GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E502	MCC-5 ONE-LINE DIAGRAM - II	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
55-E104	EFFLUENT FACILITY SUPPLEMENTAL POST- AERATION POWER AND CONTROL PLAN - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-E105	EFFLUENT FACILITY LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-E301	EFFLUENT FACILITY ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-E504	LIGHTING PANEL LP-5 AND LU-P PANEL SCHEDULES	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
55-P101	EFFLUENT FACILITY SUPPLEMENTAL POST-AERATION UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
54-M601	UV ELECTRICAL BUILDING HVAC SCHEDULES AIRFLOW SCHEMATIC	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
55-P301	EFFLUENT FACILITY SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-P302	EFFLUENT FACILITY SECTION 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-P303	EFFLUENT FACILITY SECTION 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Non-Potable Water System					
56-AP002	NON POTABLE WATER ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-E103	EFFLUENT FACILITY SUPPLEMENTAL POST-AERATION POWER AND CONTROL PLAN - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
56-E102	NON-POTABLE WATER ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-E501	EFFLUENT FACILITY SUPPLEMENTAL POST-AERATION RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
56-P101	NON-POTABLE WATER UPPER AND LOWER PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
56-P301	NON POTABLE WATER SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
56-P302	NON POTABLE WATER SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Chemical Feeds and Storage Facilities					
60-AP001	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-AP002	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-AP003	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-AP004	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
55-P102	EFFLUENT FACILITY PARSHALL FLUME ELNARGED PLAN	1	7/5/2023	8/15/2023	CMAR Procurement Rev 02 20230815
56-E101	NON-POTABLE WATER POWER PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
56-E601	NPW RISER DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-E101	CHEMICAL FEED - ALUMINUM SULFATE STORAGE ROOM POWER AND GROUNDING PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-E102	CHEMICAL FEED - ALUMINUM SULFATE STORAGE ROOM LIGHTING AND RECEPTACLE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-E103	CHEMICAL FEED - SODIUMHYPOCHLORITE STORAGE ROOM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-M101	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M102	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M103	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M104	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M301	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM HVAC SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M302	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM PIPING SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M303	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM HVAC SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M304	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM PIPING SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M601	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM SCHEDULES AND AIRFLOW SCHEMATIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-M602	CHEMICAL FEED - SODIUM ALUMINUM FEED	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-E104	CHEMICAL FEED - SODIUM HYPCHLORITE FEED EQUIPMENT ROOM LIGHTING AND RECEPTACLE PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-P102	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM OVERALL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P103	CHEMICAL FEED - SODIUM HYPOCHLORITE STORAGE TANK PLAN AND ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P104	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM PLAN AND ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P301	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM SECTIONS AND ISOMETRIC 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P302	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM SECTIONS AND ISOMETRIC 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P303	CHEMICAL FEED - SODIUM HYPOCHLORITE STORAGE TANK SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-P101	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM PLANS	1	7/6/2023	8/15/2023	CMAR Procurement Rev 02 20230815
60-S001	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S101	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM / STORAGE DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S102	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S103	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S104	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S105	CHEMICAL FEED - SODIUM HYPOCHLORITE STORAGE TANK DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S106	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S201	CHEMICAL FEED - ALUMINUM SULFATE STORAGE BUILDING ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S202	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S301	CHEMICAL FEED - ALUMINUM SULFATE STORAGE BUILDING SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S302	CHEMICAL FEED - ALUMINUM SULFATE STORAGE BUILDING SECTION 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S303	CHEMICAL FEED - SODIUM HYPOCHLORITE FEED EQUIPMENT ROOM SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S501	CHEMICAL FEED - ALUMINUM SULFATE STORAGE BUILDING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S601	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM DOOR SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
60-S602	CHEMICAL FEED - ALUMINUM SULFATE FEED EQUIPMENT ROOM GRADE BEAM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Aerated Sludge Holding Tank					
70-AP001	AERATED SLUDGE HOLDING TANK AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-AP002	AERATED SLUDGE HOLDING TANK ISOMETRIC VIEWS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E100	AERATED SLUDGE HOLDING TANK AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
70-E101	AERATED SLUDGE HOLDING TANK GROUNDING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E102	AERATED SLUDGE HOLDING TANK ENLARGED ELECTRICAL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E103	AERATED SLUDGE HOLDING TANK LIGHTING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E301	AERATED SLUDGE HOLDING TANK DUCTBANK SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E501	AERATED SLUDGE HOLDING TANK RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-E502	AERATED SLUDGE HOLDING TANK DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-P101	AERATED SLUDGE HOLDING TANKS LOWER PLAN	1	8/1/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-P102	AERATED SLUDGE HOLDING TANKS UPPER PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-P103	AERATED SLUDGE HOLDING TANKS ENLARGED PLAN 1	1	7/6/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-P104	AERATED SLUDGE HOLDING TANKS ENLARGED PLAN & SECTIONS	1	7/6/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-P105	AERATED SLUDGE HOLDING TANKS AIR PIPING SUPPORT PLAN	1	7/6/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-P301	AERATED SLUDGE HOLDING TANKS SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-P302	AERATED SLUDGE HOLDING TANKS SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-P303	AERATED SLUDGE HOLDING TANKS SECTIONS 3	1	7/6/2023	8/15/2023	CMAR Procurement Rev 02 20230815
70-S101	AERATED SLUDGE HOLDING TANKS DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S102	AERATED SLUDGE HOLDING TANKS LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S103	AERATED SLUDGE HOLDING TANKS UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S301	AERATED SLUDGE HOLDING TANKS SECTIONS 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S302	AERATED SLUDGE HOLDING TANKS SECTIONS 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S303	AERATED SLUDGE HOLDING TANKS SECTIONS 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S304	AERATED SLUDGE HOLDING TANKS SECTIONS 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S501	AERATED SLUDGE HOLDING TANKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S502	AERATED SLUDGE HOLDING TANKS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
70-S601	AERATED SLUDGE HOLDING TANKS GRADE BEAM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Standard Details					
D02 / 4413-001	TYPICAL DETAIL FOR DEMOLITION OF EXISTING MH'S ALONG ABANDON	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0315-001	WATERSTOP JOINTS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0315-002	NEW CONC. WALL AT EXISTING WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0320-01	BAR TYPE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0320-02	STIRRUP TYPES DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0330-01	TYPICAL DRILLED PIER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0330-01A	PIER SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0330-02	PERIMETER GRADE BEAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0330-03	INT GRAD BEAM AT PIPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 0330-04	INT GRADE BEAM AT PIPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 1313-008	EXTERIOR CONCRETE STAIR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-100A	STANDARD HOOK AND REINFORCING LAP SPLICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-100B	STANDARD HOOK AND REINFORCING LAP SPLICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-100C	STANDARD HOOK AND REINFORCING LAP SPLICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-100D	STANDARD HOOK AND REINFORCING LAP SPLICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-101	STANDARD COVER FOR REINFORCING STEEL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-102A	FLAT RIBBED WATERSTOP DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-102B	STRIP-TYPE WATERSTOP DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-105	SPLASH BLOCK DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-106	CONCRETE CURB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-110	CHIPPED OUT CONCRETE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-120	TYPICAL BAR CLEARANCES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-127	TYPICAL FOUNDATION CONSTRUCTION JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-200	TYP REINF. WALL, GRADE BEAM, & FOUNDATION INTERSECTION/CORNER REINFORCING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-201	WALL JOINT TO FOUNDATION JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-202	WALL VERTICAL CONSTRUCTION JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-203	SEALANT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-203A	CRACK CONTROL JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-204	STOOP / APPROACH SLAB	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-205	PIPE CARRIER TRENCH DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-206	RETROFIT WATERSTOP	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-207	SLOPED GROUT OR CONCRETE FILL KEY	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-303	TYPICAL SPLICE DETAIL AT CIRCULAR BASIN WALLS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-400	STRIP FOOTING INTERSECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-401	STRIP FOOTING CORNER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-402	STEP FOOTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-500	SLAB ON GRADE CONTROL JOINTS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-501	CONSTRUCTION JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-502	CONTAINMENT SLAB ON GRADE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-600	WALL OPENINGS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-601	TYPICAL ADDITIONAL REINF. AT SUSPENDED SLAB OPENINGS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-602	STANDARD CHAMFER AT CONCRETE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-603	WALL JOINT-HORIZONTAL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D03 / 3000-604	PLUG COLLAR FOR EXISTING OPENING IN EXISTING WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-605	EXPANSION JOINT AT EXISTING STRUCTURE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-606	EXPANSION JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-607	TOP OF WEIR WALL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-700	CONSTRUCTION JOINT-CORNER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-701	CONSTRUCTION JOINT-TEE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-703	CONSTRUCTION JOINT AT FUTURE EXPANSION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-800	PIPE COLLAR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-801	TYPICAL PIPE SUPPORT PEDESTAL ON CONCRETE	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D03 / 3000-804	PRESSURE RELIEF VALVE SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-900	CONCRETE STAIR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-902	CANTILEVERED CONCRETE STAIR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-950	SWITCHGEAR ENCLOSURE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-1000	EQUIPMENT BASE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-1001	ANCHOR BOLT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3000-1002	CONCRETE STAIR ON GRADE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D03 / 3300-902	GENERATOR FOUNDATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 0421-002	HEAD OF WALLS DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 0421-003	TYP BASE OF WALL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-002	TYPICAL CMU LINTEL BEAMS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-004	TYPICAL CMU BOND BEAM CORNER REINFORCEMENT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-005	TYPICAL CMU WALL REINFORCEMENT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-007	TYPICAL CMU PIER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-101	TYPICAL CMU SILL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-103	CMU WALL PIPE PENETRATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-104	CMU PIPE OPENING REINFORCING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-104A	CMU SQUARE OPENING REINFORCING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-200	STEEL JOIST THROUGH INTERIOR NON-LOAD BEARING CMU WALL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-201	NON-LOAD BEARING CMU WALL SUPPORT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-203	ROOF DECK TO MASONRY WALL CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-204	ROOF DECK TO MASONRY WALL CONNECTION WITH BRICK VENEER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-205	ROOF DECK ON INTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-209	CEILING SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-300	REINF. AT OPENINGS DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-302	TYPICAL CMU BOND BEAM INTERSECTION REINFORCEMENT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-304	TYPICAL WALL REINFORMENT AT WALL JOIST DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-306	PLAN MASONRY JOINT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-307	TYPICAL CONNECTION AT CMU WALL INTERSECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-308	TYP CMU OVERHEAD DOOR JAMB	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-309	CONDITION WITH A PARAPET WALL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-401	TYP STEEL BEAM LINTEL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-402	TYP STEEL BEAM LINTEL WITH BRICK	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D04 / 2200-500	TYP CMU COLUMN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 1111-111	PIPE SUPPORT DETAIL	0	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D05 / 5000-001	WEIR PLATE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-002	SELF SUPPORTED HOSE RACK	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-400	UNFRAMED ROOF OPENING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-401	DECK OPENING REINFORCEMENT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-402	JOIST REINFORCEMENT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-500	PIPE RESTRAINTS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-501	SUSPENDED EQUIPMENT BRACING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-800	SINGLE ALUMINUM HATCH	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-801	DOUBLE ALUMINUM HATCH	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-802	LADDER SAFETY EXTENSION DEVICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-803	LADDER RUNG DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-804	LADDER BRACELET DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-805	STANDARD LADDER DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-806	SELF CLOSING GATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-807	LADDER BASE FLANGE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-808	EMERGENCY LADDER DETAIL	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D05 / 5000-809	ALUMINUM LADDER OVER PARAPET	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D05 / 5000-900	FLOOR OPENING COVER PLATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-901	CONNECTION DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-902	CONNECTION DETAIL NOTES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-907	BEAM TO WALL CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-908	BEAM TO WALL CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-909	INTERIOR METAL STUD	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-912	GRATE SUPPORT CHANNEL CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D05 / 5000-913	GRATE SUPPORT ANCHOR CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-914	BEAM TO BEAM CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-919A	ROOF DECK TO MASONRY WALL CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-919B	ROOF DECK TO MASONRY WALL CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-919C	ROOF DECK TO MASONRY WALL CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5000-920	BEAM SINGLE PLATE SHEAR CONNECTION - STEEL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5100-700	TYPICAL OSHA TYPE STAIRS SIDEMOUNT BRACKET ELEVATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5100-703	HEAD OF STAIR AT LANDING PLATFORM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5100-704	HEAD OF STAIR AT CONCRETE WALL OR SLAB	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5100-705	BASE OF STAIRS AT CONCRETE SLAB OR LANDING PAD	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5120-001	STEEL DOUBLE ANGLE BOLTED CONNECTION VERTICAL BOLT LINES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5120-002	STEEL SINGLE PLATE SHEAR CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-100	TEE FITTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-101	TOEBOARD DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-103	TYPICAL WALL RAIL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-105	SIDE MOUNT BRACKET	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-106	STAIR STRINGER BASE FLANGE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-107	BASE FLANGE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-108	EXPANSION JOINT SPLICE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-109	EXPANSION SPLICE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-113	DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-115	TYPICAL OSHA TYPE GATE ELEVATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-119	FLUSH SIDE MOUNT BRACKET	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-600	OSHA TYPE GUARDRAIL	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D05 / 5213-602	REMOVABLE SIDE FLUSH MOUNT GUARDRAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5213-701	WALL MOUNTED HANDRAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5300-901	TYPICAL GRATING AND FRAME DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5300-902	TYPICAL GRATING AND SUPPORT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D05 / 5300-903	TYPICAL HINGED GRATING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D06 / 8017-001	FRP STOP PLATE (HAND PULLED)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 4113-001	METAL ROOFING TO MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 5000-503	EAVE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-001	OVERFLOW SCUPPER FOR BUILT UP AND SINGLE PLY ROOFING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-002	ROOF DRAIN SCUPPER FOR BUILT-UP AND SINGLE PLY ROOFING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-003	CONDUCTOR HEAD	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-004	DOWNSPOUT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-005	PARAPET DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7100-006	SINGLE-PLY ROOFING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D07 / 7200-001	EQUIPMENT CURB @ SINGLE-PLY ROOFING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100A	SINGLE FLUSH DOOR WITH VIEW PARTIAL VISION PANEL GLAZED GLASS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100B	TYP SINGLE FLUSH DOOR TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100C	DOUBLE FLUSH DOORS WITH PARTIAL VISION PANELS GLAZED GLASS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100D	DOUBLE FLUSH DOORS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100E	DOUBLE FLUSH DOORS WITH PARTIAL VISION PANELS GLAZED GLASS HINED TRANSOM PANEL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100F	TYP DOUBLE FLUSH TRANSOM DOOR TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100G	DOUBLE FLUSH DOORS WITH PARTIAL VISION PANELS GLAZED GLASS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100H	SINGLE FLUSH DOOR VW PARTIAL VISION PANELS GLAZED GLASS VW HINGED TRANSOM PANEL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100I	SINGLE FLUSH DOOR WITH VIEW PARTIAL VISION PANEL GLAZED GLASS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100J	SINGLE FLUSH DOOR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100K	DOUBLE FLUSH DOORS WITH PARTIAL VISION PANELS GLAZED GLASS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100L	TYP SINGLE FLUSH MBM DOOR TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-100N	TYP DOUBLE FLUSH GLAZING MBM DOOR TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-200	TYP HEAD EXT DOOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-201	TYPICAL PERSONEL DOOR MASONRY WALL w/VENEER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-202	TYPICAL 3'-0 TO 6'-0 DOOR HEAD EXTERIOR METAL BUILDING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-203	TYPICAL DOOR JAMB @ MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-204	TYPICAL DOOR JAMB @ EXTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-205	TYPICAL DOOR JAMB @ EXTERIOR METAL BUILDING WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-211	TYPICAL DOOR HEAD @ INTERIOR METAL STUD WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-217	TYP HEAD INT CONCRETE DOOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 1613-218	TYPICAL JAMB @ INT CONCRETE DOOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3322-100C	TYP OVERHEAD DOOR TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-100M	DOOR/FRAME TYPE M	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-300	OVERHEAD DOOR HEAD DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-301	OVERHEAD DOOR HEAD DETAIL @ METAL BUILDING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-303	TYPICAL OVERHEAD DOOR JAMB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-304	TYPICAL DOOR JAMB @ EXTERIOR METAL BUILDING WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-306	TYP SILL EXT OVERHEAD DOOR DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D08 / 3323-307	TYPICAL DOOR JAMB @ EXTERIOR CMU	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 3323-308	OVERHEAD DOOR HEAD DETAIL @ EXTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4113-100G	DOOR/FRAME TYPE G	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4113-100H	DOOR/FRAME TYPE H	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4113-100J	WINDOW FRONT DOOR & FRAME W/ TEMPERED INSULATED GLASS W/ A THERMAL BREAK	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4113-609	TYP WINDOWSILL AT CONCRETE WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4113-610	TYP WINDOWSILL AT CONCRETE WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500A	TYP FIXED PANE WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500B	WIRED GLASS FIXED RATED WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500C	TYP DOUBLE HUNG WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500D	WIRED GLASS FIXEDx4 RATED WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500E	DOUBLE CASEMENT SM WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500F	DOUBLE CASEMENT LG WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-500G	DOUBLE STACKED CASEMENT LG WINDOW TYPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-600	TYPICAL ALUMINUM WINDOW HEAD @ EXTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-601	TYPICAL ALUMINUM WINDOW HEAD @ INTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-603	TYPICAL ALUMINUM WINDOW JAMB @ EXTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-604	TYPICAL ALUMINUM WINDOW JAMB @ INTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-606	TYPICAL ALUMINUM SILL @ EXTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-607	TYPICAL ALUMINUM SILL @ INTERIOR MASONRY WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 4313-608	TYP WINDOWSILL AT CONCRETE WALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 7100-206	TYP SILL EXT DOOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 7100-216	TYP SILL INT DOOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 9000-001	COMBINATION LOUVER MOUNTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 9000-002	STATIONARY LOUVER WITH INSULATED DAMPER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 9000-800	TYP HEAD EXT LOUVER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 9000-803	TYPICAL LOUVER JAMB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D08 / 9000-806	TYP SILL EXT LOUVER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D10 / 1014-001	WARNING SIGN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D10 / 1035-001	FLAGPOLE BASE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-001	ADJUSTABLE FLOOR MOUNTED PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-002	FABRICATED WALL MOUNTED PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-004	WALL MOUNTED PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-006	FABRICATED POST PIPE SUPPORT	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D22 / 0529-007	TRAPESE PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-008	PIPE HANGER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-010	ELBOW PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-011	STEEL ELBOW PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-012	WALL MOUNTED VERTICAL PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-017	STAINLESS STEEL STRUT CHANNEL PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-020	WALL MOUNTED VERTICAL PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-023	SPRAY NOZZLE PIPE SUPPORT	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D22 / 0529-027	HANGING ROD ANCHOR - EXPANSION ANCHOR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-028	FLOOR MOUNTED PIPE SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D22 / 0529-031	DUCT CONDENSATE DRAIN DETAIL	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D22 / 0529-032	CONDENSATE DRAIN AT ODOR CONTROL BLOWER	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D23 / 0000-001	DUCT HANGER SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 0000-004	WALL EXHAUST FAN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 0000-005	FLOOR DRAIN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 0000-006	FLOOR CLEANOUT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 0000-008	BRANCH TRUNK TAKEOFF	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 0529-004	WALL MOUNTED PIPE SUPPORT	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D23 / 0529-005	DUCT CONNECTION TO COVERS	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D23 / 0529-006	FIBERGLASS DUCT CONCRETE PENETRATION	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D23 / 0900-016	WALL MOUNTED VERTICAL DUCT SUPPORT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 2318-001	TYPICAL CONDENSATE DRAIN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 2318-002	TYPICAL CONDENSING/HEAT PUMP UNIT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 2318-003	AUXILIARY DRAIN PAN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 2318-004	CONDENSATE DRAIN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 3423-007	WALL MOUNTED PROPELLER TYPE EXHAUST FAN INSTALLED IN METAL BLDG	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D23 / 5000-999	MUSHROOM VENT STYLE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0500-001	TRANSFORMER PAD DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0515-001	TYPICAL MOTOR LEAD DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-003	GROUNDING SYSTEM CONNECTIONS DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-006	CONDUIT GROUNDING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-008	GROUND ROD CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-009	GROUNDING CONDUIT SLEEVE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-010	DRY TYPE DISTRIBUTION TRANSFORMER GROUNDING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
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Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D26 / 0526-011	TYPICAL COUNTERPOISE ROD INSTALLATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-012	GROUND BAR CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0526-013	TYPICAL GROUND ROD WITH TEST WELL INSTALLATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-001	CONDUIT AND JUNCTION BOX SUPPORT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-002	TYPICAL PAD MOUNTING ELECTRICAL EQUIPMENT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-007	DEVICE SUPPORT AND MOUNTING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-008	ELECTRICAL EQUIPMENT RACK DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-009	TYPICAL RACK BASEPLATE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-010	CONTROL STATION INSTALLATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-011	TYPICAL ELECTRICAL EQUIPMENT MOUNTING DETAIL - SIDE VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-012	TYPICAL ELECTRICAL EQUIPMENT MOUNTING DETAIL- FRONT VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-013	TYPICAL SUN SHIELD FOR CONTROL PANEL AND INSTRUMENTS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-014	TYPICAL UNISTRUT STAND DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-016	TYPICAL CONDUIT INSTALLATION AT WALKWAY DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-018	SLUDGE LEVEL SENSOR FLEX MOUNT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0529-020	TYPICAL INSTRUMENT SURGE PROTECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0533-017	CONDUIT WALL PENETRATION SEAL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0533-018	TYPICAL DEFLECTION COUPLING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0533-019	SUBMERSIBLE PUMP SUPPORT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0533-021	SUBMERSIBLE PUMP CABLE SUPPORT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-012	CONCRETE ENCASED ELECTRICAL DUCT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-013	UNDERGROUND DETECTABLE WARNING TAPE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-014	ELECTRICAL PULLBOX DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-015	TYPICAL DUCTBANK SPACING AND COUPLNG DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-016	PRECAST PULL BOX DETAIL PREFAB	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0543-017	CABLE TERMINATING STATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0553-002	TYPICAL ENGRAVED NAMEPLATE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-001	TYPICAL FLOAT TYPE LEVEL SWITCH INSTALLATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-003	LEVEL SWITCH SUPPORT BRACKET	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-004	LEVEL SWITCH INSTALLATION - TANK DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-005	ULTRASONIC LEVEL ELEMENT CHANNEL MOUNTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-006	ULTRASONIC LEVEL ELEMENT INSTALLATION TANK DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-007	ULTRASONIC LEVEL ELEMENT INSTALLATION CONCRETE SLAB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-008	LEVEL TRANSMITTER MOUNTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-009	TYPICAL SUBMERSIBLE LEVEL TRANSMITTER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-010	TYPICAL TANK SUBMERSIBLE LEVEL TRANSMITTER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-011	MAGMETER TYPICAL ELECTRICAL PLAN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-012	MOTOR OPERATED VALVE TYPICAL ELECTRICAL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-013	FILTER EFFLUENT TURBIDIMETER INSTALLATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-014	PRESSURE TRANSMITTER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-015	STREAMING CURRENT SENSOR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-016	DIFFERENTIAL pH INSTALLATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-017	TYPICAL METER MOTOR OPERATOR VALVE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-018	TYPICAL SLUDGE PROBE/LEVEL SENSOR MOUNTING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-019	TYPICAL 1756 AB PLC I_O	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-020	TYPICAL 1756 AB PLC I_O II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-021	TYPICAL 1746 AB PLC I_O	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-022	TYPICAL 1746 AB PLC I_O II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 0900-023	TYPICAL 1746 AB PLC I_O II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 2716-013	MCC AND SWITCHGEAR MOUNTING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 2716-014	ELECTRICAL CONCRETE HOUSEKEEPING PAD DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 2716-015	CONCRETE HOUSEKEEPING CURB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 2913-001	PROPOSED EXHAUST FAN SCHEMATICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-001	4 POLE DRAWOUT BREAKER SERVICE ENTRANCE TRANSFER SWITCH CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-002	3 POLE DRAW-OUT BREAKER, SERVICE ENTRANCE, TRANSFER SWITCH CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-003	4 POLE, SERVICE ENTRANCE TRANSFER SWITCH CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-004	3 POLE, SERVICE ENTRANCE,TRANSFER SWITCH CONNECTION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-005	4 POLE TRANSFER SWITCH CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 3600-006	3 POLE TRANSFER SWITCH CONNECTION DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 4113-001	THRU ROOF POINT ADAPTER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 4113-002	THRU-ROOF HVAC CONNECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 5600-003	TYPICAL ELEVATED CONCRETE BASE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 5600-007	LIGHTPOLE MOUNTING ON SLAB DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D26 / 5600-008	POLE LIGHT SUPPORT BRACKET	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 000-0000	SUBGRADE DETAIL 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 000-0001	SUBGRADE DETAIL 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2316-002	PIPE BACKFILL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-001-TX	BEDDING BACKFILL FOR TRENCHES - TX	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D31 / 2323-002	BEDDING BACKFILL REQ AROUND MANHOLES AND OTHER DRAINAGE & SANITARY STRUCTURES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-003P	WATERLINE PERMANENT STREET REPAIR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-004P	WATERLINE TEMPORARY STREET REPAIR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-005P	TYPICAL WATERLINE TRENCH DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-006P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-007P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-008P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-009P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-010P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2323-011P	EMBEDMENT DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D31 / 2339-006	BURIED DUCTILE IRON PIPE THRUST RESTRAINT TABLE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-002	SELF SUPPORTED HOSE RACK	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-004	INTEGRAL CURB AND GUTTER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-005	PRE-CAST CONCRETE PARKING STOP	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-006	PRECAST HEADWALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-007	MOW STRIP DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-008	PRECAST HEADWALL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-009	TYPICAL BOLLARD	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-010	GUARD RAIL DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 0000-011	MOUNTED BOLLARD	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D32 / 1000-001	TYPICAL SIDEWALK	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1000-002	TYPE "A" ACCESS RAMP	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1000-003	ACCESS RAMP	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1216-001	TYPICAL SECTION - ASPHALT PAVEMENT TX	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1313-001	CONCRETE FLUME DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1313-003	CONCRETE PAVEMENT JOINTING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 1313-009	CONCRETE DRIVEWAY DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 3113-001	TYPICAL FENCE DETAIL	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D32 / 3113-003	FENCE COLUMN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 3113-004	MANUAL OR AUTOMATIC SLIDING CANTILEVER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 3113-005	DECORATIVE METAL FENCING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 3113-006	CMU FENCE COLUMN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D32 / 3113-008	TYPICAL FENCE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 000-001	EXTERIOR BACKFLOW PREVENTER (2" DIA. OR LESS)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 000-002	WATER SHUTOFF/DRAIN ASSEMBLY	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-003	TYPICAL WASHDOWN HOSE CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-004P	AUTOMATIC AIR RELEASE VALVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-005P	COMBINATION AIR RELEASE VALVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-006P	MANUAL AIR RELEASE VALVE (BELOW GRADE)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-007P	MANUAL AIR RELEASE VALVE (ABOVE GRADE)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-008P	FIRE HYDRANT ASSEMBLY DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-009P	TYPICAL WATER SERVICE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-010P	TYPICAL WATER METER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 0000-011P	INSULATOR SPACING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 1113-001	WATER REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 2400-020	STEEL ENCASEMENT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-002	TYPE A CAST IN PLACE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-003	AIR/VACUUM RELIEF VAULT PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-004	TYP MANHOLE RINGS & COVERS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-005	MANHOLE CORING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-006	MANHOLE HEIGHT INCREASE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-007	TYPE A CAST IN PLACE MANHOLE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3913-008	CHEMICAL INJECTION QUILL VAULT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3923-001	STAINLESS STEEL VENT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 3923-002	STAINLESS STEEL VENT	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D33 / 3923-004	AUTOMATIC AIR RELEASE VALVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 4113-002	CROSS ANCHOR ASSEMBLY	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 4113-003	SEWER LINE & SERVICE REPAIRS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 4900-001	GRATE INLET DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 4900-002	PRECAST CURB INLET PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 4900-003	TRENCH DRAIN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D33 / 8100-001	TYPICAL ANTENNA TOWER DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 0513-003	EMERGENCY EYEWASH AND SHOWER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 0513-004	CHEMICAL FILL STATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 0513-005	PUMP SEAL WATER DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 0513-007	TYPICAL PRESSURE INDICATOR INSTALLATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 0513-009	LADDER STOP DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-003	DUCTILE IRON PIPE- BURIED EXTERIOR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

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Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
D40 / 2339-004	TYPICAL CLEANOUT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-005	PROCESS LINE CLEAN OUT SETTING	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-006	INTERMEDIATE TRAP/CLEANOUT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-008	PVC PIPE TO FLEXIBLE TUBING TRANSITION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-009	SUMP WALL PENETRATION DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-010	PVC CARRIER PIPE-ELBOW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-011	PULL-BOX/FLEXIBLE CHEMICAL LINES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-012	BURIED DUCTILE IRON PIPE THRUST RESTRAINT TABLE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-016	YARD HYDRANT- NON POTABLE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-017	HOSE BIB INSTALLATION - INTERIOR LOCATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2339-018	STANDALONE 1" YARD HYDRANT	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2343-004	MUD VALVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2343-005	AIR VACUUM AND AIR RELEASE VALVE FOR 3" AND SMALLER	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2343-006	BURIED VALVE BOX	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2346-002	TYP. BLOCKOUT FOR STOP LOG OR GATE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2346-004	STEM GUIDE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2346-005	REMOVABLE MANUAL BAR SCREEN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-001	PIPE WALL PENETRATION SEAL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-002	WALL/FLOOR PIPE SLEEVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-003	FLOOR SLEEVE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-004	FLOOR PIPE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-006	EXPOSED EXTERIOR/INTERIOR PIPE CONNCECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-009	PIPE ENCASEMENT1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-010	DUCTILE IRON PIPE FLEXIBLE COUPLING TIE DOWN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-012	CHEMICAL INJECTION QUILL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-013	SMOOTH NOSE SAMPLE TAP	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-014	CHEMICAL FLUSHING CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-015	FLUSHING CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-017	SCUM BEACH SPRAY DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-018	PCCP WALL CONNECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-019	CLARIFIER WALKWAY SCUM SPRAY DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D40 / 2400-023	FLEXIBLE COUPLING	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
D44 / 4256-001	PUMP BASE ANCHOR AND LEVELING DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D44 / 4264-001	STRAIGHT EDGE FIBERGLASS WEIR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D44 / 4264-002	V-NOTCHED FIBERGLASS WEIR	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
D44 / 4264-030	V-NOTCHED EFFLUENT WEIR & SCUM BAFFLE DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Biosolids Handling Building					
72-AP001	BIOSOLIDS HANDLING BUILDING AREA PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-AP002	BIOSOLIDS HANDLING BUILDING ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E101	BIOSOLIDS HANDLING BUILDING LEVEL 1 ELECTRICAL AND GROUNDING PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E102	BIOSOLIDS HANDLING BUILDING LEVEL 2 ELECTRICAL PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E103	BIOSOLIDS HANDLING BUILDING LEVEL 1 LIGHTING AND RECEPTACLE PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E104	BIOSOLIDS HANDLING BUILDING LEVEL 2 LIGHTING AND RECEPTACLE PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E105	BIOSOLIDS HANDLING BUILDING BULK POLYMER AND BLOWER AREA ELECTRICAL PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E106	BIOSOLIDS HANDLING BUILDING LEVEL 2 POLYMER ROOM ELECTRICAL PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E107	BIOSOLIDS HANDLING BUILDING ELECTRICAL ROOM EQUIPMENT PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E108	BIOSOLIDS HANDLING BUILDING ELECTRICAL POWER PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-E109	BIOSOLIDS HANDLING BUILDING LEVEL 2 CONTROL ROOM EQUIPMENT LAYOUT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E110	BIOSOLID HANDLING BUILDING HVAC UPPER POWER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E111	BIOSOLIDS HANDLING BUILDING HVAC LOWER POWER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E501	ELECTRICAL BIO SOLIDS HANDLING BUILDING SWITCHBOARD -MSB ONE-LINE DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-E502	ELECTRICAL BIO SOLIDS HANDLING BUILDING MCC-6A AND MCC-6B ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-E503	ELECTRICAL BIO SOLIDS HANDLING BUILDING MCC-6A AND MCC-6B ONE-LINE DIAGRAM - II	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E504	ELECTRICAL BIO SOLIDS HANDLING FACILITY CENTRIFUGE NO.1 RISER DIAGRAM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E505	ELECTRICAL BIO SOLIDS HANDLING BUILDING CENTRIFUGE NO.2 RISER DIAGRAM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E506	ELECTRICAL BIO SOLIDS HANDLING BUILDING CENTRIFUGE-POLYMER RISER DIAGRAM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E507	ELECTRICAL BIO SOLIDS HANDLING BUILDING POLYMER TANK DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E508	PLC-ASHT INTERFACE DIAGRAM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E509	BIOSOLID HANDLING BUILDING BULK POLYMER RISER DIAGRAM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E510	BIOSOLID HANDLING BUILDING BULK ELECTRICAL DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-E600	BIOSOLIDS HANDLING BUILDING PANELBOARD SCHEDULES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M101	BIOSOLIDS HANDLING BUILDING HVAC LOWER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M102	BIOSOLIDS HANDLING BUILDING HVAC PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M103	BIOSOLIDS HANDLING BUILDING HVAC UPPER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M104	BIOSOLIDS HANDLING BUILDING PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M105	BIOSOLIDS HANDLING BUILDING PLUMBING LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M106	BIOSOLIDS HANDLING BUILDING PLUMBING UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M301	BIOSOLIDS HANDLING BUILDING HVAC SECTION 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
72-M302	BIOSOLIDS HANDLING BUILDING HVAC SECTION 2	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M303	BIOSOLIDS HANDLING BUILDING PLUMBING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M601	BIOSOLIDS HANDLING BUILDING PLUMBING ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M602	BIOSOLIDS HANDLING BUILDING PIPING ISOMETRIC	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-M603	BIOSOLIDS HANDLING BUILDING HVAC SCHEDULES	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
72-M604	BIOSOLIDS HANDLING BUILDING SCHEDULES AND AIRFLOW SCHEMATIC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P101	BIOSOLIDS HANDLING BUILDING LEVEL 1 PLAN	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-P102	BIOSOLIDS HANDLING BUILDING LEVEL 2 PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P103	BIOSOLIDS HANDLING BUILDING - BLOWER ROOM PLAN AND ISOMETRIC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P301	BIOSOLIDS HANDLING BUILDING SECTION 1	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P302	BIOSOLIDS HANDLING BUILDING SECTION 2	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-P303	BIOSOLIDS HANDLING BUILDING SECTION 3	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P304	BIOSOLIDS HANDLING BUILDING SECTION 4	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-P305	POLYMER TRANSFER PUMP DETAILED SECTIONS	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-P306	CENTRIFUGE DETAILED SECTIONS	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
72-P307	POLYMER FILL STATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S001	BIOSOLIDS HANDLING BUILDING LIFE SAFETY PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S101	BIOSOLIDS HANDLING BUILDING DRILLED PIER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S102	BIOSOLIDS HANDLING BUILDING LOWER PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S103	BIOSOLIDS HANDLING BUILDING UPPER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S104	BIOSOLIDS HANDLING BUILDING ROOF PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S105	BIOSOLIDS HANDLING BUILDING ROOF PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S106	BIOSOLIDS HANDLING BUILDING ENLARGED PLANS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S201	BIOSOLIDS HANDLING BUILDING ELEVATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S301	BIOSOLIDS HANDLING BUILDING SECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S302	BIOSOLIDS HANDLING BUILDING SECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S303	BIOSOLIDS HANDLING BUILDING SECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S304	BIOSOLIDS HANDLING BUILDING SECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S305	BIOSOLIDS HANDLING BUILDING SECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S306	BIOSOLIDS HANDLING BUILDING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S307	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S308	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S309	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S310	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S311	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S312	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S313	BIOSOLIDS HANDLING BUILDING DETAILS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
72-S601	BIOSOLIDS HANDLING BUILDING GRADE BEAM SCHEDULE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23 -
Operations & Laboratory Building					
85-A001	OPERATIONS & LABORATORY CODE ANALYSIS & LIFE SAFETY PLAN	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
85-A002	ACCESSIBILITY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A003	ACCESSIBILITY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A101	OPERATIONS & LABORATORY BUILDING FLOOR PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A102	OPERATIONS & LABORATORY REFLECTED CEILING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A103	OPERATIONS & LABORATORY ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A201	OPERATIONS & LABORATORY BUILDING ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A202	OPERATIONS & LABORATORY BUILDING ELEVATIONS CONT.	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A301	OPERATIONS & LABORATORY BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A302	OPERATIONS & LABORATORY BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A303	OPERATIONS & LABORATORY WALL SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A401	OPERATIONS & LABORATORY ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A402	OPERATIONS & LABORATORY ENLARGED PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A403	OPERATIONS & LABORATORY BUILDING INTERIOR ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A404	OPERATIONS & LABORATORY BUILDING INTERIOR ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A405	OPERATIONS & LABORATORY BUILDING INTERIOR ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A501	OPERATIONS & LABORATORY MISC. & ROOF DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A502	OPERATIONS & LABORATORY PARTITION SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A601	OPERATIONS & LABORATORY DOOR SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A602	OPERATIONS & LABORATORY DOOR DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A603	OPERATIONS & LABORATORY BUILDING WINDOW SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A604	OPERATIONS & LABORATORY MATERIAL FINISH AND ROOM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A605	OPERATIONS & LABORATORY BUILDING FLOORING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A701	OPERATIONS & LABORATORY FURNITURE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A702	OPERATIONS & LABORATORY SIGNAGE PLAN & DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-A703	OPERATIONS & LABORATORY SIGNAGE SCHEDULE AND DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-E001	OPERATIONS & LABORATORY ELECTRICAL GENERAL NOTES AND LEGENDS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-E101	OPERATIONS & LABORATORY ELECTRICAL LIGHTING PLAN	1	5/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
85-E102	OPERATIONS & LABORATORY ELECTRICAL POWER PLAN	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
85-E501	OPERATIONS & LABORATORY ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-E601	OPERATIONS & LABORATORY ELECTRICAL SCHEDULES	1	5/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
85-E602	OPERATIONS & LABORATORY ELECTRICAL RISER DIAGRAMS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M101	OPERATIONS & LABORATORY BUILDING HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M102	OPERATIONS & LABORATORY BUILDING DOMESTIC WATER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M103	OPERATIONS & LABORATORY BUILDING SANITARY SEWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M401	OPERATIONS & LABORATORY BUILDING ENLARGED HVAC PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M601	OPERATIONS & LABORATORY BUILDING HVAC SCHEDULES	1	5/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
85-M602	OPERATIONS & LABORATORY BUILDING HVAC SCHEDULES AND SEQUENCES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M603	OPERATIONS & LABORATORY BUILDING PLUMBING SCHEDULES	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
85-M604	OPERATIONS & LABORATORY BUILDING PLUMBING SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M605	OPERATIONS & LABORATORY BUILDING PLUMBING SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M901	OPERATIONS & LABORATORY BUILDING HVAC ISOMETRIC DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M902	OPERATIONS & LABORATORY BUILDING HVAC ISOMETRIC DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M903	OPERATIONS & LABORATORY BUILDING DOMESTIC WATER ISOMETRIC DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-M904	OPERATIONS & LABORATORY BUILDING SANITARY SEWER ISOMETRIC DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S001	ROOF WIND UPLIFT DIAGRAMS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S101	OPERATIONS & LABORATORY BUILDING DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S102	OPERATIONS & LABORATORY BUILDING FOUNDATION PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S103	OPERATIONS & LABORATORY BUILDING LOW ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S104	OPERATIONS & LABORATORY BUILDING HIGH ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S301	OPERATIONS & LABORATORY BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S302	STEEL FRAMING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S303	STEEL FRAMING DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S501	TYPICAL CONCRETE MASONRY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S502	TYPICAL STEEL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S503	TYPICAL STEEL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
85-S601	GRADE BEAMS SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Maintenance & Storage Building					
86-A001	MAINTENANCE BUILDING LIFE SAFETY & CODE ANALYSIS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A002	ACCESSIBILITY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A101	MAINTENANCE BUILDING FLOOR PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A102	MAINTENANCE BUILDING REFLECTED CEILING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A103	MAINTENANCE BUILDING ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A201	MAINTENANCE BUILDING ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A301	MAINTENANCE BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A302	MAINTENANCE BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A303	MAINTENANCE BUILDING WALL SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A304	MAINTENANCE BUILDING WALL SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A305	MAINTENANCE BUILDING WALL SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A401	MAINTENANCE BUILDING ENLARGED PLANS & DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A501	MAINTENANCE BUILDING PARTITION SCHEDULE & MISC. DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A601	MAINTENANCE BUILDING DOOR, FINISH SCHEDULE & DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-A602	MAINTENANCE BUILDING DOOR DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-E001	MAINTENANCE BUILDING ELECTRICAL GENERAL NOTES AND LEGENDS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-E101	MAINTENANCE BUILDING ELECTRICAL LIGHTING PLAN	1	5/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
86-E102	MAINTENANCE BUILDING ELECTRICAL POWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-E501	MAINTENANCE BUILDING ELECTRICAL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-E601	MAINTENANCE BUILDING ELECTRICAL SCHEDULES	1	5/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
86-E602	MAINTENANCE BUILDING ELECTRICAL POWER RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M101	MAINTENANCE BUILDING HVAC PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M102	MAINTENANCE BUILDING DOMESTIC WATER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M103	MAINTENANCE BUILDING SANITARY SEWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M104	MAINTENANCE BUILDING COMPRESSED AIR PIPING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M301	MAINTENANCE BUILDING MECHANICAL SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M601	MAINTENANCE BUILDING HVAC SCHEDULES AND SEQUENCES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M602	MAINTENANCE BUILDING PLUMBING SCHEDULES	1	7/21/2023	8/15/2023	CMAR Procurement Rev 02 20230815
86-M603	MAINTENANCE BUILDING PLUMBING SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M901	MAINTENANCE BUILDING DOMESTIC WATER RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M902	SANITARY SEWER RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-M903	MAINTENANCE BUILDING COMPRESSED AIR PIPING RISER DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S001	ROOF WIND UPLIFT DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S101	MAINTENANCE AND STORAGE BLDG DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S102	MAINTENANCE BUILDING FOUNDATION PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S103	MAINTENANCE BUILDING ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S301	MAINTENANCE BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S302	STEEL FRAMING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S501	TYPICAL CONCRETE MASONRY DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

City of Pflugerville
Willbarger Creek Regional Wastewater
Treatment Facility 1

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
86-S502	TYPICAL STEEL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S503	TYPICAL STEEL DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
86-S601	GRADE BEAM SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Main Plant Electrical Building #1					
88-AP002	MAIN PLANT ELECTRICAL BUILDING ISOMETRIC VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E101	MAIN ELECTRICAL BUILDING POWER AND GROUNDING PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
88-E102	MAIN ELECTRICAL BUILDING LIGHTING AND RECEPTACLE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E103	MAIN ELECTRICAL BUILDING CABLE TRAY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E401	GENERATOR YARD PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E501	WILBARGER CREEK RWWTF OVERALL ONE-LINE DIAGRAM	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
88-E502	SWG-1 ONE-LINE DIAGRAM - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
88-E503	SWG-1 ONE-LINE DIAGRAM - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E504	SWG-1 ONE-LINE DIAGRAM - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E505	SWBD-1 ONE-LINE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E506	MCC-1 ONE-LINE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E507	SWG-1 ELEVATION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E508	MCC-1 ELEVATION AND PANEL SCHEDULES	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
88-E509	GENERATOR RISER DIAGRAM AND PANEL SCHEDULE	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E601	PLC-MAIN INTERFACE DIAGRAM	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-E602	GENERATOR YARD DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-M101	MAIN PLANT ELECTRICAL BUILDING HVAC PLANS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-M301	MAIN PLANT ELECTRICAL BUILDING HVAC ELEVATIONS AND SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-M601	MAIN PLANT ELECTRICAL BUILDING HVAC SCHEDULES AND AIRFLOW SCHEMATIC	1	6/23/2023	6/30/2023	CMAR Procurement Rev 01 20230630
88-S001	MAIN PLANT ELECTRICAL BUILDING LIFE SAFETY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S101	MAIN PLANT ELECTRICAL BUILDING DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S102	MAIN PLANT ELECTRICAL BUILDING LOWER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S103	MAIN PLANT ELECTRICAL BUILDING ROOF FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S104	MAIN PLANT ELECTRICAL BUILDING ROOF PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S201	MAIN ELECTRICAL BUILDING EXTERIOR ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S301	MAIN PLANT ELECTRICAL BUILDING SECTIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
88-S601	MAIN PLANT ELECTRICAL BUILDING SCHEDULES	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Generator/Transformer Pad					
89-AP002	GENERATOR PAD ISOMETRICS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S101	GENERATOR PLATFORM DRILLED PIER PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S102	GENERATOR PLATFORM FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S103	GENERATOR PLATFORM WALKWAY FRAMING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S104	TRANSFORMER PAD PLAN / SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S201	GENERATOR PLATFORM ELEVATIONS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S301	GENERATOR PLATFORM SECTION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S302	GENERATOR PLATFORM ENLARGED SECTIONS AND DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
89-S303	GENERATOR PLATFORM ENLARGED SECTIONS AND DETAILS II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Standard Details					
90-E501	TYPICAL ELECTRICAL DETAILS - I	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
90-E502	TYPICAL ELECTRICAL DETAILS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E503	TYPICAL ELECTRICAL DETAILS - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E504	TYPICAL ELECTRICAL DETAILS - IV	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E505	TYPICAL ELECTRICAL DETAILS - V	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E506	TYPICAL ELECTRICAL DETAILS - VI	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E507	SEPARATELY DERIVED SCHEMATICS AND ELECTRICAL BUILDING DETAIL	0	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
90-E600	LIGHT FIXTURE SCHEDULE	1	6/30/2023	6/30/2023	CMAR Procurement Rev 01 20230630
90-E701	ELECTRICAL SCHEMATICS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E702	ELECTRICAL SCHEMATICS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E703	ELECTRICAL SCHEMATICS - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E704	ELECTRICAL SCHEMATICS - IV	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E705	ELECTRICAL SCHEMATICS - V	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E706	ELECTRICAL SCHEMATICS - VI	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E707	ELECTRICAL SCHEMATICS - VII	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E708	ELECTRICAL SCHEMATICS - VIII	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E709	ELECTRICAL SCHEMATICS - IX	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E710	ELECTRICAL SCHEMATICS - X	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E711	ELECTRICAL SCHEMATICS - XI	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E712	ELECTRICAL SCHEMATICS - XII	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E713	ELECTRICAL SCHEMATICS - XIII	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E714	ELECTRICAL SCHEMATICS - XIX	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
90-E715	ELECTRICAL SCHEMATICS - XV	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
90-E716	ELECTRICAL SCHEMATICS - XVI	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
SCADA					
95-T101	SYSTEM ARCHITECTURE DIAGRAM OVERVIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -



List of Drawings

Drawing No.	Drawing Title	Rev	Drawing Date	Received Date	Set Name
95-T102	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T103	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T104	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T105	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T106	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T107	PARTIAL SYSTEM ARCHITECTURE DIAGRAM - 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T108	SCADA MAIN ELECTRICAL ENCLOSURE DETAIL (PLC-MAIN)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T109	SCADA BLOWER ENCLOSURE DETAIL (PLC-BLR)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T110	SCADA ILS ENCLOSURE DETAIL (PLC-ILS1)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T111	SCADA RAS/WAS ENCLOSURE DETAIL (PLC-RAS/WAS)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T112	SCADA UV ENCLOSURE DETAIL (PLC-UV)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T113	SCADA SOLIDS ENCLOSURE DETAIL (PLC-SOLIDS)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T114	SCADA OPERATIONS ENCLOSURE DETAIL (RACKS 1,2,3,4)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T115	SCADA NETWORK ENCLOSURE NET-MAINT DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T116	SCADA NETWORK ENCLOSURE NET-MAIN DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T117	SCADA NETWORK ENCLOSURE NET-BLR DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T118	SCADA NETWORK ENCLOSURE NET-ILS1 DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T119	SCADA NETWORK ENCLOSURE NET-RAS/WAS DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T120	SCADA NETWORK ENCLOSURE NET-UV DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T121	SCADA NETWORK ENCLOSURE NET-FC1 DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T122	SCADA NETWORK ENCLOSURE NET-SOLIDS DETAIL	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T123	STANDARD INSTRUMENTATION DETAILS - 1	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T124	STANDARD INSTRUMENTATION DETAILS - 2	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T125	STANDARD INSTRUMENTATION DETAILS - 3	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T126	STANDARD INSTRUMENTATION DETAILS - 4	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T127	STANDARD INSTRUMENTATION DETAILS - 5	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
95-T128	STANDARD INSTRUMENTATION DETAILS - 6	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Security Plan					
96-SC0201	SECURITY SITE PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC1401	INFLUENT LIFT STATION ELECTRICAL BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC3801	BLOWER BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC4601	RAS/WAS BUILDING ELECTRICAL ROOM SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC5401	UV ELECTRICAL BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC6001	CHEMICAL FEED STORAGE FACILITIES LOWER SECURITY PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC7201	BIOSOLIDS HANDLING BUILDING LEVEL 1 SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC7202	BIOSOLIDS HANDLING BUILDING LEVEL 2 CONTROL ROOM SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC8501	OPERATIONS AND LABORATORY BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC8601	MAINTENANCE BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC8801	MAIN ELECTRICAL BUILDING SECURITY PLAN	1	7/27/2023	8/15/2023	CMAR Procurement Rev 02 20230815
96-SC9601	SECURITY DETAILS - I	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC9602	SECURITY DETAILS - II	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC9603	SECURITY DETAILS - III	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC9604	SECURITY DETAILS-IV	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
96-SC9605	SECURITY DETAILS - V	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
Weiss Lane Lift Station					
99 - C101	WEISS LANE LIFT STATION EROSION CONTROL PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C102	WEISS LANE LIFT STATION BYPASS PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C103	WEISS LANE LIFT STATION DECOMMISSIONING PLAN	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C104	WEISS LANE LIFT STATION DECOMMISSIONING PLAN VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C105	WEISS LANE LIFT STATION DECOMMISSIONING SECTION VIEW	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C106	WEISS LANE LIFT STATION DECOMMISSIONING PLAN - SITE PHOTOS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C107	CARMEL LIFT STATION FORCE MAIN DECOMMISSION	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C108	TRAFFIC CONTROL PLAN DETAILS (1 OF 2)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C109	TRAFFIC CONTROL PLAN DETAILS (2 OF 2)	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -
99 - C110	CITY OF PFLUGERVILLE STANDARD DETAILS	0	1/13/2023	6/15/2023	CMAR Procurement 6.14.23 -

Exhibit C.2 List of Specifications



Number	Description	Rev	Issued Date	Received Date	Set
Procurement and Contracting Requirements					
00 00 01	CERTIFICATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
00 00 10	TABLE OF CONTENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 - General Requirements					
01 11 00	SUMMARY OF WORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 11 10.1	SUMMARY OF WORK - ATTACHMENT-A	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 11 20	PROPOSAL ALTERNATES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 11 60	PROJECT MANUAL LANGUAGE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 14 00	WORK RESTRICTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 22 00	Unit Prices	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 26 00	CONTRACT MODIFICATION PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 29 00	PAYMENT PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 31 00	PROJECT MANAGEMENT AND COORDINATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 31 19	PROJECT MEETINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 32 00	CONSTRUCTION PROGRESS DOCUMENTATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 32 90	SAFETY PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 33 00	SUBMITTAL PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 34 00	PHOTOGRAPHIC AND VIDEOGRAPHIC DOCUMENTATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 35 00	SPECIAL PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 35 20	ALTERATION PROJECT PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 40 00	QUALITY REQUIREMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 41 00	REGULATORY REQUIREMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 41 26	STORMWATER POLLUTION PREVENTION CONSTRUCTION ACTIVITY BEST	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 42 00	REFERENCES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 45 24	SPECIAL TESTS AND INSPECTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 50 00	TEMPORARY FACILITIES AND CONTROLS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 56 40	CONTROL OF GROUND AND SURFACE WATER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 60 00	PRODUCT REQUIREMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 72 20	FIELD ENGINEERING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 73 20	CUTTING AND PATCHING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 73 40	WORK WITHIN PUBLIC RIGHT-OF-WAY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 73 80	SELECTIVE DEMOLITION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 75 00	WARRANTIES AND BONDS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 75 60	TESTING, TRAINING, AND FACILITY START-UP	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 77 00	CLOSEOUT PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 78 23	OPERATION AND MAINTENANCE DATA	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 79 00	OPERATIONS AND MAINTENANCE TRAINING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 81 00	PROJECT DESIGN CRITERIA	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 81 02	SEISMIC DESIGN CRITERIA	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
01 81 04	WIND DESIGN CRITERIA	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
02 - Existing Conditions					
02 41 00	DEMOLITION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 - Concrete					
03 01 00	MAINTENANCE OF CONCRETE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 10 00	VOID FORMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 10 00	CONCRETE FORMING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 15 00	CONCRETE JOINTS AND ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 20 00	CONCRETE REINFORCING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 30 00	CAST-IN-PLACE CONCRETE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 35 00	CONCRETE FINISHING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 39 00	CONCRETE CURING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 41 00	PRECAST STRUCTURAL CONCRETE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 62 00	NON-SHRINK GROUTING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 63 00	CONCRETE DOWELING - EPOXY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
03 64 00	CONCRETE REPAIR CRACK INJECTION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
04 - Masonry					
04 20 00	UNIT MASONRY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
04 26 13	MASONRY VENEER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 - Metals					
05 05 19	POST-INSTALLED ANCHORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 05 23	WELDING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 12 00	STRUCTURAL STEEL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 21 00	STEEL JOIST FRAMING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 31 00	STEEL DECK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 40 00	COLD-FORMED METAL FRAMING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 50 00	METAL FABRICATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 51 00	METAL STAIRS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 52 13	PIPE AND TUBE RAILINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
05 53 00	METAL GRATINGS AND PLANK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 - Wood, Plastics, and Composites					
06 10 00	ROUGH CARPENTRY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23



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				Date	Set
06 16 00	SHEATHING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 17 53	SHOP-FABRICATED WOOD TRUSSES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 22 00	CABINETWORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 40 00	ARCHITECTURAL WOODWORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 41 16	PLASTIC LAMINATE COVERED CABINETWORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 53 00	FIBERGLASS REINFORCED PLASTIC (FRP) GRATING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 60 00	SOLID SURFACING FABRICATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
06 61 00	FIBERGLASS REINFORCED PLASTIC (FRP) FABRICATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 - Thermal and Moisture Protection					
07 21 00	THERMAL INSULATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 41 13	METAL ROOF, WALL, AND SOFFIT PANELS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 41 16	INSULATED METAL ROOF PANELS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 42 13	METAL WALL PANELS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 42 43	INSULATED METAL WALL PANELS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 53 00	SINGLE PLY EPDM ROOFING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 62 00	SHEET METAL FLASHING AND TRIM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 71 00	MANUFACTURED ROOF SPECIALTIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 72 00	ROOF ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 84 00	FIRESTOPPING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
07 92 00	JOINT SEALANTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 - Openings					
08 11 13	STEEL DOORS AND FRAMES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 16 13	FIBERGLASS REINFORCED PLASTIC DOORS AND FRAMES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 31 00	ALUMINUM HATCHES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 33 23	INSULATED OVERHEAD COILING DOORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 51 13	ALUMINUM WINDOWS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 71 00	DOOR HARDWARE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 79 13	KEY STORAGE CABINETS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 80 00	GLAZING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
08 90 00	LOUVERS AND VENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 - Finishes					
09 22 16	NON-STRUCTURAL METAL FRAMING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 29 00	GYPSUM BOARD	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 30 13	TILING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 51 13	ACOUSTICAL PANEL CEILINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 65 13	RESILIENT BASE AND ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 65 36	STATIC-CONTROL RESILIENT FLOORING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 67 23	EPOXY RESINOUS FLOORING SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 67 24	STATIC DISSIPATIVE EPOXY RESINOUS FLOORING SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 68 13	TILE CARPETING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 90 00	PAINTING AND PROTECTIVE COATINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
09 90 35	ARCHITECTURAL PAINTING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 - Specialties					
10 21 13	PLASTIC TOILET PARTITIONS, PLASTIC LOCKERS, AND BENCHES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 22 13	WIRE MESH PARTITIONS AND DOORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 28 00	TOILET AND BATH ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 43 00	INTERIOR SIGNAGE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 43 60	EXTERIOR POST AND PANEL SIGNS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 44 13	FIRE PROTECTION CABINETS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 44 16	FIRE EXTINGUISHERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
10 53 00	CANOPY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
11 - Equipment					
11 30 13	APPLIANCES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
11 53 00	LABORATORY GLASSWARE WASHER/DRYER EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
11 53 02	WATER LABORATORY EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
11 53 63	REFRIGERATED SAMPLER EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
12 - Furnishings					
12 21 13	HORIZONTAL LOUVER BLINDS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
12 35 53.19	LABORATORY CASEWORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
12 48 13	ENTRANCE FLOOR MATS AND FRAMES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
12 51 00	FURNITURE AND FURNISHINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
13 - Special Construction					
13 20 03	WIRE-WOUND PRESTRESSED CONCRETE TANK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
13 34 23	PREFABRICATED STRUCTURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
13 34 23.13	ONE PIECE FIBERGLASS COMPOSITE MOLDED SHELTER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
14 - Conveying Equipment					
14 21 16	MONORAIL WITH ELECTRIC HOIST AND TROLLEY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23



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22 - Plumbing					
22 05 00	PLUMBING GENERAL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 05 13	PLUMBING EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 05 29	PROCESS SUPPORTS AND ANCHORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 05 53	MECHANICAL IDENTIFICATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 07 00	PLUMBING INSULATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 11 00	VALVES, HYDRANTS, AND ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 11 19	PLUMBING SPECIALTIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 13 16	SANITARY WASTE AND VENT PIPING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 40 00	PLUMBING FIXTURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
22 45 00	EMERGENCY PLUMBING FIXTURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 - Heating, Ventilating, and Air Conditioning (HVAC)					
23 05 00	COMMON WORK RESULTS FOR MECHANICAL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 05 29	HANGERS AND SUPPORTS FOR MECHANICAL PIPING AND EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 05 46	COATINGS FOR HVAC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 05 96	TESTING, ADJUSTING, AND BALANCING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 07 00	DUCTWRAP INSULATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 07 13	MECHANICAL INSULATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 09 00	INSTRUMENTATION AND CONTROL FOR HVAC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 23 00	REFRIGERANT PIPING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 31 13	METAL DUCTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 33 00	AIR DUCT ACCESSORIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 34 23	FANS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 37 13	AIR OUTLETS AND INLETS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 74 16.11	PACKAGED, SMALL-CAPACITY, ROOFTOP AIR CONDITIONING UNITS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 81 26	SPLIT-SYSTEM AIR-CONDITIONING UNITS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
23 83 01	HEATING UNITS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 - Electrical					
26 00 00	ELECTRICAL – GENERAL PROVISIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 13	MEDIUM VOLTAGE CABLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 19	LOW VOLTAGE WIRES AND CABLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 26	GROUNDING AND BONDING SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 29	ELECTRICAL SUPPORT HARDWARE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 33	RACEWAY, BOXES, ENCLOSURES, AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 36	CABLE TRAY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 43	UNDERGROUND SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 50	NEMA FRAME INDUCTION MOTORS, 600 VOLTS AND BELOW	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 05 73	POWER SYSTEM STUDY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 12 19	PAD-MOUNTED TRANSFORMERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 12 22	MEDIUM VOLTAGE PAD-MOUNTED CABLE SWITCHING AND TERMINATING STATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 13 13	MEDIUM VOLTAGE METAL-CLAD SWITCHGEAR	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 22 13	DISTRIBUTION DRY-TYPE TRANSFORMERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 24 13	LOW VOLTAGE DISTRIBUTION SWITCHBOARDS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 24 16	PANELBOARDS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 24 19	LOW VOLTAGE MOTOR CONTROL CENTERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 27 13	POWER METERING AND PROTECTIVE RELAYS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 27 26	LIGHT SWITCHES AND RECEPTACLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 28 16	LOW VOLTAGE ENCLOSED CIRCUIT BREAKERS AND DISCONNECT SWITCHES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 29 23	LOW VOLTAGE VARIABLE FREQUENCY DRIVES (VFDs)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 29 87	ELECTRICAL CONTRACTOR PROVIDED CONTROL PANELS (ECPS)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 32 13	ENGINE GENERATOR	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 32 13.1	ENGINE GENERATOR SET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 33 53	SINGLE PHASE UNINTERRUPTIBLE POWER SUPPLY	0	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
26 41 00	LIGHTNING PROTECTION SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 41 19	ELECTRICAL DEMOLITION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 43 13	LOW VOLTAGE AC SURGE SUPPRESSION DEVICES (SPDS)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
26 50 00	LED LIGHTING SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
28 - Electronic Safety and Security					
28 10 00	INTEGRATED SECURITY SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 - Earthwork					
31 05 19.13	GEOTEXTILE FILTER FABRIC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 11 00	SITE PREPARATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 22 13	SUBGRADE PREPARATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 22 19	GRADING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 16	EXCAVATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 16.13	TRENCHING FOR SITE UTILITIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 19	DEWATERING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 23.13	FILL AND BACKFILL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 23.16	TRENCH BACKFILL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 23 23.33	FLOWABLE FILL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23



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31 32 00	SOIL EROSION STABILIZATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 50 00	EXCAVATION SUPPORT SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
31 63 29	DRILLED CONCRETE PIERS AND SHAFTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 - Exterior Improvements					
32 10 00	CONCRETE SIDEWALKS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 11 00	BASE COURSE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 12 16	ASPHALT CONCRETE PAVEMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 13 13	PORTLAND CEMENT CONCRETE PAVING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 31 13.53	POWER GATE OPERATORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
32 84 23	LANDSCAPE IRRIGATION SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 - Utilities					
33 01 30.16	CLOSED CIRCUIT TELEVISION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 01 30.71	PIPE CLEANING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 01 30.90	LIFT STATION ABANDONMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 03 10	BYPASS PUMPING OF EXISTING SEWER SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 05 16	UNDERGROUND ELECTRICAL DUCTS AND MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 13 00	DISINFECTION OF WATER SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 31 13	STEEL ENCASEMENT PIPE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 31 26	TESTING WATER DISTRIBUTION SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 39 13.13	PRECAST CONCRETE MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 39 16	FIBERGLASS MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 39 17	POLYMER CONCRETE MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 39 23	MANHOLE AND CLEANOUT CONSTRUCTION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 41 13	CENTRIFUGALLY CAST FIBERGLASS REINFORCED POLYMER MORTAR PIPE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 42 00	CULVERT PIPING AND APPURTENANCES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 84 23	IRRIGATION SPRINKLERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
33 84 26	SPRINKLER ASSEMBLY	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 - Process Interconnections					
40 05 00	PIPING SYSTEMS TESTING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 05 13	COMMON WORK RESULTS FOR PROCESS PIPING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 05 36.13	FIBERGLASS REINFORCED PLASTIC PIPE AND ACCESSORIES FOR ODOR CONTROL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39	PROCESS PIPING – GENERAL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.1	PROCESS PIPING SCHEDULE	1	6/23/2023	8/4/2023	CMAR Procurement Rev 01 20230630
40 23 39.13	DUCTILE IRON PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.16	WELDED STEEL PIPE AND FITTINGS - GENERAL SERVICES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.36	STAINLESS STEEL PIPE AND FITTINGS - GENERAL SERVICES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.40	C900 AND C905 PVC PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.41	PVC SEWER PIPE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.43	POLYVINYL CHLORIDE (PVC) PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.46	CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.56	HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.59	DOUBLE WALL CONTAINMENT PIPING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.63	REINFORCED CONCRETE PIPE AND FITTINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 39.76	PVC TUBING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 43	PROCESS VALVES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 43.1	POWER OPERATED VALVE SCHEDULE	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
40 23 43.2	SELF CONTAINED VALVE SCHEDULE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 43.3	SOLENOID OPERATED VALVE SCHEDULE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 46	FABRICATED SLIDE AND SLUICE GATES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 23 46.1	FABRICATED STAINLESS STEEL 316 SLIDE GATE SCHEDULE	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
40 24 00	PROCESS PIPING SPECIALTIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 41 13	HEAT TRACING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 42 00	PROCESS MECHANICAL INSULATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 42 13.16	POLYETHYLENE ENCASEMENT FOR DUCTILE IRON AND CAST IRON PIPE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 61 00	INSTRUMENTATION AND CONTROLS - GENERAL PROVISIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 61 21	TESTING AND SYSTEM COMMISSIONING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 61 26	INSTRUMENTATION SYSTEM TRAINING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 61 93	PROCESS CONTROL SYSTEM INPUT OUTPUT LIST	1	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
40 61 96	PROCESS CONTROL DESCRIPTIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 63 00	PROGRAMMABLE LOGIC CONTROLLERS (PLCS)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 66 33	FIBER OPTIC DATA NETWORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 67 00	INSTRUMENTATION CONTROL PANELS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 68 60	APPLICATION SERVICES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 71 01	FIELD INSTRUMENTATION SCHEDULE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 71 13	ANALYTICAL INSTRUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 71 17	FLOW INSTRUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 71 20	TEMPERATURE INSTRUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 72 00	LEVEL INSTRUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 73 00	PRESSURE INSTRUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 78 00	PANEL MOUNTED CONTROL DEVICES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 91 23	PARSHALL FLUME	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 92 13	MOTORIZED OPERATORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23



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				Date	Set
40 92 16	MANUAL VALVE AND GATE OPERATORS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 94 33	HUMAN MACHINE INTERFACE (HMI) AND NETWORK EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
40 95 46	INSTRUMENT SUPPORT HARDWARE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
41 - Material Processing and Handling Equipment					
41 21 13.13	BRIDGE CRANE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
41 22 10.10	JIB CRANES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
43 - Process Gas and Liquid Handling, Purification, and Storage Equipment					
43 22 23	CENTRIFUGE EQUIPMENT	2	7/7/2023	8/15/2023	CMAR Procurement Rev 02 20230815
43 41 16	FILAMENT-WOUND FIBERGLASS REINFORCED PLASTIC TANKS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
43 41 16.1	FILAMENT-WOUND FRP TANK NO. 1	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
43 41 16.2	FILAMENT-WOUND FRP TANK NO. 2	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
43 41 16.3	FILAMENT-WOUND FRP TANK NO. 3	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
43 41 16.4	FILAMENT-WOUND FRP TANK NO. 4	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 - Pollution and Waste Control Equipment					
44 11 19.10	ALUMINUM COVERS FOR ODOR CONTROL	1	6/23/2023	8/4/2023	CMAR Procurement Rev 01 20230630
44 23 23	VORTEX GRIT REMOVAL EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 31 21	BIOFILTER ODOR CONTROL SYSTEM	1	6/23/2023	8/4/2023	CMAR Procurement Rev 01 20230630
44 31 21.01	HIGH PLUME DILUTION STACK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 31 83	ADJUSTING AND BALANCING ODOR CONTROL SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 13	FINE BUBBLE FIXED-GRID AERATION EQUIPMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 19.10	POSITIVE DISPLACEMENT BLOWERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 19.10.2	POSITIVE DISPLACEMENT BLOWERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 19.20	MULTISTAGE CENTRIFUGAL BLOWERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 19.20.1	MULTISTAGE CENTRIFUGAL BLOWERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 20.13	AERATION BLOWER CONTROL SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 20.2	ASHT JET AERATION BLOWERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 23	SPIRAL TYPE CLARIFIER MECHANISMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 23.1	SECONDARY CLARIFIER MECHANISMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 27.19	MECHANICAL SCREEN AND WASHER COMPACTOR SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 27.19.1	SCREEN SYSTEM-SCREEN DRIVE MOTOR	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 27.19.2	SCREEN SYSTEM-WASHER COMPACTOR	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 40	GRIT WASHER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 46.23	SUBMERSIBLE MIXERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 46.23.1	ANAEROBIC SUBMERSIBLE MIXERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 46.23.2	ANOXIC SUBMERSIBLE MIXERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 46.23.2A	SWING SUBMERSIBLE MIXERS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.23	VERTICAL TURBINE PUMPS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.23.1	VERTICAL TURBINE PUMPS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.29	SUBMERSIBLE PUMPS GENERAL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.29.1	INFLUENT LIFT ADF SUBMERSIBLE PUMP(S)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.29.2	INFLUENT LIFT STATION LOW ADF SUBMERSIBLE PUMP(S)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.40	AXIAL FLOW PUMPS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.40.1	AXIAL FLOW PUMPS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.43	HORIZONTAL END SUCTION CENTRIFUGAL PUMPS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.43.1	RAS PUMP(S) DATA SHEET 1	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.43.2	RAS PUMP(S) DATA SHEET 2	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.43.3	WAS PUMP(S) DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.53	PROGRESSING CAVITY PUMPS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.53.1	PROGRESSING CAVITY PUMPS DATA SHEET	1	6/23/2023	8/4/2023	CMAR Procurement Rev 01 20230630
44 42 56.60	INDUCED FLOW (RECESSED IMPELLER) CENTRIFUGAL PUMPS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.60.1	INDUCED FLOW (RECESSED IMPELLER) DS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.63	SELF-PRIMING CENTRIFUGAL PUMP(S)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.63.1	RAS SELF PRIMING CENTRIFUGAL PUMPS DATA SHEET 1	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.63.2	RAS SELF PRIMING CENTRIFUGAL PUMPS DATA SHEET 2	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 56.63.3	WAS SELF PRIMING PUMPS DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 42 64	WEIRS AND BAFFLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 43 43	UV WEIR TROUGHS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 20	CHEMICAL FEED SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 20.1	CHEMICAL FEED PUMPS - SODIUM HYPOCHLORITE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 20.2	CHEMICAL FEED PUMPS - ALUMINUM SULFATE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 20.3	CHEMICAL FEED PUMPS - DEWATERING POLYMER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 20.4	CHEMICAL FEED PUMPS - POLYMER FEED PUMP	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 63.16	LIQUID POLYMER FEED SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 44 73	ULTRAVIOLET DISINFECTION SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 45 19	POST AERATION SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 45 20	JET AERATION SYSTEM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 45 20.1	ASHT RECIRCULATION PUMP DATA SHEET	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
44 61 15	SYNTHETIC MEDIA DISK FILTER - OUTSIDE IN FILTRATION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
APPX - Equipment and Reference Documents					
0-APPX-A	APPENDIX A - COMMISSIONING AND START UP PLAN	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
0-APPX-B	APPENDIX B - UV EQUIPMENT PRE-PROCUREMENT DOCUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23



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				Date	Set
0-APPX-C	APPENDIX C - ELECTRICAL EQUIPMENT PRE-PROCUREMENT DOCUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
0-APPX-D	APPENDIX D - GENERATOR PRE-PROCUREMENT DOCUMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
Part A - CIP Standard General Requirements					
CIP 01	DEFINITIONS OF TERMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 02	ABBREVIATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 03	SUMMARY OF WORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 04	SITE CONDITIONS AND USE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 05	CONTRACTOR USE OF PREMISES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 06	CONTROL OF WORK	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 07	CONTROL OF MATERIALS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 08	LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 09	ENVIRONMENTAL PROTECTION PROCEDURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 10	SUBMITTALS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 11	TRENCH SAFETY REQUIREMENTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 12	TESTING OF PIPELINES AND MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 13	SUMMARY OF TESTING (MISCELLANEOUS)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 14	PROJECT CLOSEOUT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 15	PROJECT IDENTIFICATION SIGNAGE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 16	RESERVED	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
CIP 17	INSPECTION OF PROJECTS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
Part B - City of Pflugerville Engineering Specifications					
130S	BORROW	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
132S	EMBANKMENT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
202S	LIME	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
203S	LIME TREATMENT FOR MATERIALS IN PLACE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
220S	SPRINKLING FOR DUST CONTROL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
230S	ROLLING (FLAT WHEEL)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
232S	ROLLING (PNEUMATIC TIRE)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
234S	ROLLING (TAMPING)	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
236S	PROOF ROLLING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
503S	FRAMES, GRATES, RINGS, AND COVERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
504S	ADJUSTING STRUCTURES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
505S	EXCAVATION SAFETY SYSTEMS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
506S	MANHOLES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
591S	RIPRAP FOR SLOPE PROTECTION	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
601S	SALVAGING AND PLACING TOPSOIL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
602S	SODDING FOR EROSION CONTROL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
604S	SEEDING FOR EROSION CONTROL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
606S	FERTILIZER	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
639S	ROCK BERM	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
641S	STABILIZED CONSTRUCTION ENTRANCE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
642S	TEMPORARY EROSION AND SEDIMENT CONTROL	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
701S	FENCING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
702S	REMOVAL AND RELOCATION OF EXISTING FENCES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
703S	FENCING FOR EXCAVATIONS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
725S	SURVEY MARKERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
801S	CONSTRUCTING A DETOUR	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
802S	PROJECT SIGNS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
803S	BARRICADES, SIGNS, AND TRAFFIC HANDLING	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
824S	TRAFFIC SIGNS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
860S	PAVEMENT MARKING PAINT	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
862S	TEMPORARY REMOVABLE PAVEMENT MARKINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
863S	REFLECTORIZED PAVEMENT MARKERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
867S	EPOXY ADHESIVE	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
870S	WORK ZONE PAVEMENT MARKINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
871S	REFLECTORIZED PAVEMENT MARKINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
873S	RAISED PAVEMENT MARKERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
874S	ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
875S	PAVEMENT SURFACE PREPARATION FOR MARKINGS	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23
876S	DELINEATOR AND OBJECT MARKER ASSEMBLIES	0	6/14/2023	6/15/2023	CMAR Procurement 6.14.23

Exhibit C.3 Assumptions and Clarifications



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
General		PLW to receive TWDB Approval for early work package including - site clearance, SWPPP, temporary fence, site grading, drilled piers, and process equipment by October 10, 2023.
General		Bonds and Insurance and Contingency – 2.5% per contract. If the final cost of work is lower than the GMP amount, then this cost would be adjusted accordingly.
General		Owner Pre-Purchased Equipment includes a markup to account for escalation since original pricing was provided and changes issued via Design Revisions.
General		PLW has excluded any costs associated with 3rd party review of the project plans for permitting, energy code inspections, or as might be required by governing authorities.
General		We have excluded any cost associated with any hazardous waste removal or the inspection and monitoring of same.
General		Third Party Materials Testing & Inspections services are excluded. It is assumed that the Owner will retain the services of an independent testing agency that will provide these services.
General		Pile Integrity Tests are excluded.
General		Seismic Performance generator test based off Prototype design and a shake table test on production equipment is not included.
Sitework		Excess soils and material from excavations to be spread over site for subgrade preparation as per spec.
Process Equipment	EWP1_01.04 - Cloth Media Filter System	Valve and line sizes are to be verified by the engineer based on actual line losses.
Process Equipment	EWP1_01.04 - Cloth Media Filter System	Filter flow hydraulics and plant's capability to handle the intermittent backwash flow is to be confirmed by the purchaser/purchaser's consulting engineer.
Process Equipment	EWP1_01.04 - Cloth Media Filter System	Three phase motors will be 460 volt.
Process Equipment	EWP1_01.04 - Cloth Media Filter System	Single phase motors will be 115 volt.
Process Equipment	EWP1_01.04 - Cloth Media Filter System	Freeze protection may be required for outdoor installation in cold weather climates. All such protection, including but not limited to, heat tracing and insulation of pumps and piping, as well as protection against internal tank freezing, shall be provided and installed by the installing contractor.
Process Equipment	EWP2-09.01 - Yard Piping Critical Items	Proposal is based upon Issued for CMAR Procurement documents, Specifications and Drawings dated January 2023, Design Revision 1 dated 06/30/23 (received 8/4/23), Design Revision 2 dated 08/25/23.
General		Design Revision 3 is not incorporated into GMP1 pricing. Drawings and specification from Design Revision 3 are not listed in this proposal.
Sitework	EWP2-09.01 - Yard Piping Critical Items	Pipe encasement for facility 70 follows detail 0330-04 based on meeting with Garver on 7/24/23.
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	All electrical interconnections, motor disconnects, wirings, junction boxes, and terminations between the equipment and electrical components are to be provided by installing contractor.



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	A fully functioning and programmed HMI/PLC will be delivered to site. Screens and symbols used on the HMI are based on HUBER's standard unless otherwise noted. Software licenses for the PLC/HMI program will not be included in this scope of supply unless stated otherwise. These items are available for additional price adder upon request.
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	The Control Panel is based on the specification provided and inclusive to meet the requirements of a Vendor designed panel, whereas the components and the factory testing of the panel will meet HUBER's requirements for function and warranty. Additional requirements or sections of the specification to meet local authority requirements or control panels designs unrelated to the equipment section, including special labeling, testing, or integration have not been included.
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	Spec 44 23 23 2.7-A: Spare parts do not apply to HUBER VorMax.
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	Spec 44 23 23 3.4-B: HUBER does not have field performance testing data for a similar sized unit. HUBER would need to conduct a field performance test after installation.
Process Equipment	EWP2_12.01 - Vortex Grit Removal Equipment and Grit Washer	Spec 44 42 40 2.9-B: Spare parts do not apply to HUBER RoSF4.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Controls of any kind, including VFDs, Starters, or panels - Not included
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Vibration Sensors not included in the motor
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Motor thermostat and space heater not included
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Allowed only for Factory Test not Field test (at least 1 days will be required to do all Conformance test)
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.3 – Not applicable.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.A. – Quoted motors are IEEE-841
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.F – NEMA 12-12 motors are offered
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.G/H – Motor will meet NEMA 31.4.4.2
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4M – Load data required for L10



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.M.7 – No VFD use was indicated.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.N – 120V Space heater offered.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.O – Thermostats offered.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.P – Exception is taken to Bearing Temperature Detection. Quoted motor is too small.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.4.Q/R – Vibration sensors were not indicated or offered.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 26 05 50 2.5.A – Motor to come with test report per IEEE-841.
Process Equipment	EWP2_12.02 - Induced Flow (Recessed Impeller) Centrifugal Pumps	Spec 44 42 56.60 3.3.2 – Vibration testing will be performed in Trillium Test Lab only. Vibration testing will be performed according to Trillium’s standard testing procedures only. Exception will be taken to vibration testing in field.
Process Equipment	EWP2_31.03 - Axial Flow Pumps	In the Axial Flow Pump set up, it uses a dual 2” guide rail system not a 4” mast set up.
Process Equipment	EWP2_38.01 - Blowers and Control System	The following Blower Controls equipment is furnished by others: Field instruments other than scope of this proposal. UPS supply (120VAC) for BLCF & MCP Blower Building Panel (PLC-BLR) Control of DO & NH3 is by the PCSI.
Process Equipment	EWP2_38.01 - Blowers and Control System	Performance curves are included with the proposal.
Process Equipment	EWP2_38.01 - Blowers and Control System	Unloading, storage, installation or installation supervision, motor starters, switchgear, interconnecting wiring and conduit, pipes, fittings, gaskets, hardware and anchor bolts are not included.
Process Equipment	EWP2_38.01 - Blowers and Control System	Preparation procedures and paint shall be manufacturer's standard specification coating system unless otherwise noted.
Process Equipment	EWP2_38.01 - Blowers and Control System	On-site blower and controls assistance for installation, start-up and field testing by a factory technicians or authorized representative is included. Four (4) man-days over up to two (2) separate trips.
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification Exception: 44 42 20 .13 1.3.D States "The aeration basin air control valves and associated dissolved oxygen (DO) setpoint control shall be provided by the PSI (PCIS Typo)." 2.4.B.1 System Performance states "Process variables shall be within +/- 1.0 % of the target value within 60 seconds. If the system is set for DO control, the process variable shall be within +/- 0.1 mg/l of the target value within 15 minutes."



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
Process Equipment	EWP2_38.01 - Blowers and Control System	Since the PCSI is monitoring the Dissolved Oxygen and controlling Basin Valves through PLC-BLR and our BCSI PLC-BLW is required to control the DO within the specified parameters. We can attempt (cannot guarantee) to control the DO through communications with the PCSI PLC-BLR within the specified guidelines. However, our BCSI system is dependent upon proper operational execution of commands to/from the PCSI PLC-BLR system. Therefore, we will monitor the health of the PLC-BLR through communications and alarm the operator that PLC-BLR is off-line or not controlling properly. We cannot guarantee to meet the timing until actual field conditions are noted. Variables are too diverse like BOD loading and flow conditions to guarantee.
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification: All the pilot devices, lights, and operators' control/indications other than those specified under the scope of this proposal are considered over HMI.
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification: Section 44 42 19.20, Point 1.6.A specifies for (2) years warranty requirement therefore we have included a (2) years of warranty on material under the scope of this proposal.
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification: Section 40 71 13, Point 1.1 PCSI shall furnish all analytical instruments such as DO & NH3 analyzer. 44 42 20 .13 1.3.D States "The aeration basin air control valves and associated dissolved oxygen (DO) setpoint control shall be provided by the PSI (PCIS Typo)."
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification: Section 26 29 23, Point 2.5.A.4 Allen Bradley PF750 series VFD has drive operating range as 230V - 180 to 264VAC & 460V - 342 to 528VAC. Power ride-thru is 15ms at full load.
Process Equipment	EWP2_38.01 - Blowers and Control System	Clarification: Section 26 29 23, Point 2.5.A..9 PF750 VFD has dynamic braking capability and has 2 selectable deceleration ramps.
Process Equipment	EWP2_45.01 - Spiral Type Clarifier Mechanisms and Weirs and Baffles	Center column is specified as 48" on the spec data sheet, and 45" per drawing P302. ClearStream has quoted a 48" diameter center column.
Process Equipment	EWP2_55.01 - Positive Displacement Blowers	2.6 C. The specification calls for a pilot-operated pressure relief valve. Units this small do not require this type of relief valve. A standard spring relief valve is included in the quote.
Process Equipment	EWP2_55.01 - Positive Displacement Blowers	2.6 A The specification calls for 12-inch port inlet and discharge silencers. The air flow requires 8-inch inlet and 6-inch discharge silencers for optimum attenuation performance and these are included in the quote.
Process Equipment	EWP2_55.01 - Positive Displacement Blowers	2.3 B. No acoustical enclosure is specified or provided. The proposed blowers meet the required noise level without an enclosure. Enclosures with sub-bases can be provided for the adders listed. Single phase power supply will be required for each enclosure ventilation fan.
Process Equipment	EWP2_55.01 - Positive Displacement Blowers	2.7 A. 1. VFD and disconnect by others. No additional electric devices are required for a fully functional system. However, local controllers can provide additional functionality if desired for the adder listed.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.1.A Vaughan pump suction is 12-inch and pump discharge is 10-inch.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.4.C.2 Aerzen is guaranteeing a free field sound level of 74 dBA per ISO-2151 empirical data.



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.5.A Aerzen is guaranteeing a free field sound level of 74 dBA per ISO-2151 empirical data. Installed sound levels cannot be guaranteed as there are factors outside of the blower manufacturer's scope that can adversely affect the installed sound level (i.e. other machinery running, external piping configuration, facility layout....etc).
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.14 The blower spec appears to be based on a blower packager design. Aerzen is providing their standard, fully engineered blower package with standard internal components and instrumentation. Although there are design philosophy differences between Aerzen's standard offering and the spec, Aerzen meets the intent of the spec.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.14.C Aerzen is providing their standard Proco type EPDM expansion joint. This does not utilize control rods.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.14.E/F Aerzen is providing their standard 4" inlet differential pressure gauge, discharge pressure gauge/switch, discharge temperature gauge/switch and motor temperature switches (1 per winding).
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.15.E Aerzen is providing their standard motor per the motor data sheet.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.16 Aerzen's standard instrumentation is being provided.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 2.17.B.3 Replacement of the blower's gaskets, seals & o-rings requires the blower to be sent to the factory for an overhaul performed by an Aerzen trained technician. Therefore, these spare overhaul parts are not provided.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 3.6.A Aerzen's blower rotors are statically and dynamically balanced for ISO-1940/ANSI S2.19 G6.3. Serialized balancing test reports are not available.
Process Equipment	EWP2_70.01 - Jet Aeration System	Specification 44 45 20 3.6.B Aerzen is verifying flow & power consumption per ISO-1217, Annex B testing that allows for a +/-5% tolerance.
General		General Conditions costs included in GMP1 covers the period from January 2024 through July 2024 and will be charged based on costs incurred. GC labor will be billed based on actual time worked at the rates established in the City's Contract with PLW.
Schedule		Detailed schedule will be provided after contract awards to include vendor and tier 1 contractor input and activities.
General		GMP pricing is based on the following non-named equipment manufacturers: Midwestern Fabricators, and ClearStream Environmental which have been reviewed and are considered acceptable to owner and engineer.
Logistics		All logistics costs will be tracked and billed on a cost reimbursable allowance basis.
General		Electrical and water monthly usage fees will be paid by the City of Pflugerville.
General		At the completion of the project, the City will have first right of refusal for all items purchased under logistics or otherwise approved for purchase in the Project.



GMP 1 Assumptions and Clarifications

Type	Source (Location/Package)	GMP 1 Description
General		PLW has the responsibility to provide complete and fully operational process systems. For all process equipment that has been selected and approved by the City, defined allowances may be used to cover cost overages. If additional costs are incurred, the City can approve additional amounts to be paid with the contingency funds.
Allowances		All allowances have been clearly defined in this proposal. Any funds included as allowances that are not used will be fully tracked as Project Savings to be used at the City's direction and discretion for the overall Project. Upon completion of the Project, all unused Project Savings shall be fully returned to the City prior to reconciling final project costs for Bonds & Insurance and CMAR Fee.

