

CHANGE ORDER

Water Treatment Plant Expansion to 30 MGD Project

Date of Issuance:	<u>July 31, 2023</u>	Change Order No.:	<u>1</u>
Contractor:	<u>PLW Waterworks, LLC</u>	Project No.:	<u>119</u>
Designer:	<u>Ardurra Group</u>	P.O. No.:	<u>23151</u>

Explanation:

This change order encompasses the following:

- (1) Re-allocation of \$1.0 million from the Owners Contingency Allowance towards the costs for the New Membrane Building of the Water Treatment Plant Expansion Project. Remaining contingency of \$1.2 million to remain for remainder of Project.
- (2) Construction of a New Membrane Building and appurtenances in lieu of the proposed retrofit of the existing Membrane Building. The New Membrane Building will incorporate design elements for future expansion (per 2023 Water Master Plan) while minimizing the risk of construction related activities (stacking of trades, confined construction access, multiple system shutdowns) while reducing startup and commissioning efforts utilizing the same membrane manufacturer as within the existing Membrane Building.
- PLW CPR 5.2 Proposal was based upon the 30% Revised Construction Plans from Ardurra with the 100% Revised Issued For Construction Plans forthcoming and will be the basis for construction of all elements as listed.
- See additional exhibits for scope breakdown: **Exhibit A: PLW CPR 5.2 Proposal.**

<u>Description of Work</u>	<u>Cost</u>	<u>Time</u>
1 Owner Contingency Allocation to New Building (\$1 million)	\$ -	0 Days
2 Add New Membrane Building (see Exhibits noted)	\$ 15,793,187.02	0
Total:	\$ 15,793,187.02	0

Please attach back-up documentation: See Attached PLW CPR 5.2 dated July 31, 2023

<u>Cost & Time Change Summary</u>	<u>Cost</u>	<u>Time</u>
Original Contract:	\$ 146,256,682.52	1222 Days
Previous Change Order(s):	\$ -	0 Days
Contract prior to this change order:	\$ 146,256,682.52	1222 Days
Net increase (decrease) from this change order	\$ 15,793,187.02	0 Days
Revised Contract:	\$ 162,049,869.54	1222 Days

FUNDED: Future WIFIA Funding (Per Andrea B.)

By: *David A. King* Date: 8/3/2023
Asst. Director of Finance

RECOMMENDED:

By: *J. L. Demmitt, P.E.* Date: 08/01/2023
Assistant Director-City Engineer

ACCEPTED*:

By: *Peter Z. Pauley* Date: 8/1/2023
Contractor

RECOMMENDED:

By: *Andrea B.* Date: 08.01.2023
Director CIP Engineering

RECOMMENDED:

By: *ym* Date: 8/1/2023
Engineer

APPROVED:

By: _____ Date: _____
City Manager

*Contractor agrees to perform change(s) included in this Change Order for the price and time indicated. The prices for changes included all costs associated with this Change Order.

No work is to be done until this change order is executed. No payment to the Contractor (or Consultant) shall be made for work included in the change order until the Contractor's pay estimate is updated.

Revise the project plans and specifications as referenced and insofar as the original project drawings and specifications are inconsistent, this Change Order governs. Upon execution by all parties, the following changes identified for the contract value and/or contract time shown, are made part of the contract.



July 31, 2023

City of Pflugerville
17601 Weiss Lane
Pflugerville, TX 78660
Attn: Jeff Dunsworth

Re: CPR No. 5.2
Pflugerville WTP Expansion
Job No. 119 - PO 23151

Mr. Dunsworth,

PLW Waterworks proposes to complete these modifications as directed for the estimated price of \$ 15,793,187.02 . This proposal is for the work associated with **New Membrane Building**

0 additional days will be required to perform this work if executed change order is received within 8 days. Please note, this is an estimated additional time for these particular modification and an excess of modifications can affect the completion date of the project.

Please find the attached PLW cost summary and associated reference material for your

Regards,

Joao Lopes Farias, PE, PMP, LEED AP
Area Manager
PLW Waterworks

New Membrane Building

Scope of Work

The cost of this proposal includes the following: 1) Construction of New Membrane Building and surrounding structures at the 30% Design Package level. EXCLUSIONS: 1) N/A. CLARIFICATIONS: 1) Scope of works is limited by the amount of detail shown in the 30% Design Package. 2) PLW and Ardurra will continue to work together to optimize design and cost. 3) Clarifications shown in attached presentation, subcontractor and supplier proposals, summaries and other documents related to this submittal applies for the Change Proposed Request. 4) Prices in this proposal are valid for 8 days. 5) Depending on the timing of approval of this proposal and the updated Sequence of Works, there could or could not be any time impact. PLW reserves its rights to assess time impacts once there's a planned NTP date for this work. Final Completion of current contract will be maintained if NTP for this CPR is given within 8 days. 6) A total of \$1,000,000 of Owner contingency from the original contract to be allocated to this work.

Item No.	Description	Qty	Unit	Labor (A)		Non-Taxed Material (B)		Subcontract (C)		Taxed Materials & Equipment (D)	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1											
2	Labor - Self Perform Package - Early Works										
3	Excavation, Shoring, Hauling, Drilled Piers, Structural Concrete										
4	Blower Building, New Membrane Building										
5	Mass Excavation & Shoring - 22,216 cyds - 1,940 MHs	1.0	LS	\$ 56,997.20	\$ 56,997.20						
6	Drilled Piers Support - 920 MHs - 246 drilled piers	1.0	LS	\$ 27,029.00	\$ 27,029.00						
7	Concrete Structure - 2,600 MHs	1.0	LS	\$ 887,789.30	\$ 887,789.30					\$ 26,633.68	\$ 26,633.68
8											
9	Equipment - Self Perform Package - Early Works										
10	Excavation, Shoring, Hauling, Drilled Piers, Structural Concrete										
11	Blower Building, New Membrane Building										
12	DOZER 80HP - rental	2.0	WK							\$ 3,253.25	\$ 6,506.50
13	DOZER 80HP - operation cost	48.0	HRS							\$ 47.54	\$ 2,281.92
14	EXCAVATOR MINI-EX 18000 LBS - rental	6.0	WK							\$ 3,311.61	\$ 19,869.66
15	EXCAVATOR MINI-EX 18000 LBS - operation cost	144.0	HRS							\$ 39.22	\$ 5,647.68
16	100,000 LB EXCAVATOR - rental	8.0	WK							\$ 4,248.48	\$ 33,987.84
17	100,000 LB EXCAVATOR - operation cost	192.0	HRS							\$ 65.81	\$ 12,635.52
18	12K-15K FORKLIFT - rental	18.0	WK							\$ 5,259.46	\$ 94,670.28
19	12K-15K FORKLIFT - operation cost	432.0	HRS							\$ 71.72	\$ 30,983.04
20	COMPACTOR (SMTH DRM) 54- 66 IN - rental	4.0	WK							\$ 947.64	\$ 3,790.56
21	COMPACTOR (SMTH DRM) 54- 66 IN - operation cost	96.0	HRS							\$ 21.71	\$ 2,084.16
22	SKID STEER 75HP - rental	22.0	WK							\$ 2,397.40	\$ 52,742.80
23	SKID STEER 75HP - operation cost	528.0	HRS							\$ 30.38	\$ 16,040.64
24	LOADER 175HP FORKS - rental	10.0	WK							\$ 1,631.31	\$ 16,313.10
25	LOADER 175HP FORKS - operation cost	240.0	HRS							\$ 33.30	\$ 7,992.00
26	CRAWLER CRANE 100-125 - rental	24.0	WK							\$ 16,980.00	\$ 407,520.00
27	CRAWLER CRANE 100-125 - operation cost	576.0	HRS							\$ 183.34	\$ 105,603.84
28	Formwork Rental - CMC rental	1.0	LS							\$ 65,828.00	\$ 65,828.00
29	Beam and Plate Shoring System Rental	7.0	MON							\$ 73,992.86	\$ 517,950.00
30											

New Membrane Building

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Item No.	Description	Qty	Unit	Labor (A)		Non-Taxed Material (B)		Subcontract (C)		Taxed Materials & Equipment (D)	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
31	Supplier - Total Adder/Deducts - Early Works										
32	Excavation, Shoring, Hauling, Drilled Piers, Structural Concrete										
33	Blower Building, New Membrane Building										
34	Steel Reinforcement for Concrete 380 Tons - RSS	1.0	EA			\$ 484,160.30	\$ 484,160.30				
35	Concrete Material 6,883 cyds - Tex Mix	1.0	EA			\$1,254,625.16	\$ 1,254,625.16				
36	Aggregates for Earthwork / Yard Pipe - 2,350 tons - CTX Materials	1.0	EA			\$ 37,375.00	\$ 37,375.00				
37	Waterstop	1.0	EA			\$ 24,491.71	\$ 24,491.71				
38	Void Forms	1.0	EA			\$ 77,747.00	\$ 77,747.00				
39	Cheng Rotation Vanes Credit	-1.0	EA			\$ 72,672.00	\$ (72,672.00)				
40											
41	Subcontractor - Total Adder/Deducts - Early Works										
42	Excavation, Shoring, Hauling, Drilled Piers, Structural Concrete										
43	Blower Building, New Membrane Building										
44	Trucking Sub - Statewide Materials Transport - 22,216 cyds	1.0	LS					\$ 403,868.00	\$ 403,868.00		
45	Drilled Piers Sub - Beard Drilling	1.0	LS					\$ 450,468.00	\$ 450,468.00		
46	Rebar Install Sub 518 Tons - Romero	1.0	LS					\$ 177,650.00	\$ 177,650.00		
47											
48	Labor - Self Perform Package - Balance of Plant										
49	Process Mechanical, Process Equipment, Misc Metals, Yard Pipe & Site										
50	Process Mechanical Pipe Installation - 12,295 MHs	1.0	LS	\$ 333,717.65	\$ 333,717.65					\$ 10,011.53	\$ 10,011.53
51	Process Mechanical Equipment and Misc Metals Installation - 6,315 MHs	1.0	LS	\$ 240,838.86	\$ 240,838.86					\$ 7,225.17	\$ 7,225.17
52	Yard Pipe and Site works Installation - 3,155 MHs	1.0	LS	\$ 285,996.14	\$ 285,996.14					\$ 8,579.88	\$ 8,579.88
53											
54	Equipment - Self Perform Package - Balance of Plant										
55	Process Mechanical, Process Equipment, Misc Metals, Yard Pipe & Site										
56	100,000 LB EXCAVATOR - rental	9.0	WK							\$ 4,248.48	\$ 38,236.32
57	100,000 LB EXCAVATOR - operation cost	216.0	HRS							\$ 65.81	\$ 14,214.96
58	12K-15K FORKLIFT - rental	10.0	WK							\$ 5,259.46	\$ 52,594.60
59	12K-15K FORKLIFT - operation cost	240.0	HRS							\$ 71.72	\$ 17,212.80
60	LOADER 175HP FORKS - rental	6.0	WK							\$ 1,631.31	\$ 9,787.86
61	LOADER 175HP FORKS - operation cost	144.0	HRS							\$ 33.30	\$ 4,795.20
62	COMPACTOR (SMTH DRM) 54- 66 IN - rental	3.0	WK							\$ 947.64	\$ 2,842.92
63	COMPACTOR (SMTH DRM) 54- 66 IN - operation cost	72.0	HRS							\$ 21.71	\$ 1,563.12
64	SKID STEER 75HP - rental	6.0	WK							\$ 2,397.40	\$ 14,384.40
65	SKID STEER 75HP - operation cost	144.0	HRS							\$ 30.38	\$ 4,374.72

New Membrane Building

Scope of Work

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				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
				66							
67	Material Suppliers - Balance of Plant - Total Adder/Deducts										
68	Misc Metal - Cody Builders	1.0	EA			\$ 424,750.00	\$ 424,750.00				
69	Pipe and Vales Package - Core and Main	1.0	EA			\$2,849,705.86	\$ 2,849,705.86				
70	Temporary Pipe Supply Deduct - Core and Main	-1.0	EA			\$1,075,531.00	\$(1,075,531.00)				
71	Pipe Supports Allowance * To be developed during Design Phase	1.0	EA			\$ 150,000.00	\$ 150,000.00				
72	Process Equipment Supplier - MEMCOR	1.0	EA			\$2,021,615.00	\$ 2,021,615.00				
73											
74	Subcontractors - Balance of Plant - Total Adder/Deducts										
75	HVAC Subcontractor - Garland	1.0	EA					\$1,405,000.00	\$ 1,405,000.00		
76	PEMB Subcontractor - Red Dot	1.0	EA					\$ 980,271.00	\$ 980,271.00		
77	E&IC Subcontractor - Alterman	1.0	EA					\$1,072,337.00	\$ 1,072,337.00		
78	Precast Building Subcontractor - Lonestar	-1.0	EA					\$ 460,001.00	\$(460,001.00)		
79	Painting Subcontractor - Universal	1.0	EA					\$ 363,990.00	\$ 363,990.00		
80	Masonry Subcontractor - Masonry Contractors	1.0	EA					\$ 203,600.00	\$ 203,600.00		
81	FRP Doors sub - Summit Doors	1.0	EA					\$ 90,763.00	\$ 90,763.00		
82	Overhead Doors Sub - Alamo Doors	1.0	EA					\$ 73,695.00	\$ 73,695.00		
83	Drywall Sub - Lasco	1.0	EA					\$ 120,152.00	\$ 120,152.00		
84	Plumbing Subcontractor Allowance - TBD	1.0	EA					\$ 200,000.00	\$ 200,000.00		
85	Fire Protection Sub - American	1.0	EA					\$ 121,040.00	\$ 121,040.00		
86	Waterproofing Sub - Chamberling	1.0	EA					\$ 272,131.00	\$ 272,131.00		
87	Line Stop Subcontractor - Rangeline	-1.0	EA					\$ 137,820.00	\$(137,820.00)		
88	Bridge Crane Sub - HSC	1.0	EA					\$ 298,100.00	\$ 298,100.00		
89	Signage Sub Allowance - TBD	1.0	EA					\$ 20,000.00	\$ 20,000.00		
90											

New Membrane Building

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				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
91	Self Perform Deducted Scope										
92	Original Membrane Building, Strainers, Blower Building,										
93	Electr. Building, Neutralization Tank, Site Works										
94	Earthworks, Drilled Piers, Structural Concrete										
95	Process Mechanical, Process Equipment, Misc Metals										
96	Earthworks	-1.0	LS	\$ 6,915.00	\$ (6,915.00)						
97	Concrete selft perform Deduct	-1.0	LS	\$ 323,445.66	\$ (323,445.66)					\$ 88,895.36	\$ (88,895.36)
98	Temp. Pipe Deduct	-1.0	LS	\$ 81,228.00	\$ (81,228.00)						
99	Structural Demo Deduct	-1.0	LS	\$ 42,247.59	\$ (42,247.59)					\$ 4,221.00	\$ (4,221.00)
100	Above ground Piping Demolition Deducts	-1.0	LS	\$ 42,511.72	\$ (42,511.72)					\$ 5,948.00	\$ (5,948.00)
101	Process Equipment Demo Deducts	-1.0	LS	\$ 121,993.79	\$ (121,993.79)					\$ 502,952.00	\$ (502,952.00)
102	Mechanical Installation Deduct	-1.0	LS	\$ 397,205.52	\$ (397,205.52)					\$ 209,071.00	\$ (209,071.00)
103	Misc Metals Install Deduct	-1.0	LS	\$ 86,092.14	\$ (86,092.14)						
104	Yard Pipe Deduct	-1.0	LS	\$ 181,360.71	\$ (181,360.71)					\$ 108,356.00	\$ (108,356.00)
	Small Tools and Consumables @ 0.0%				-		-		-		-
	Payroll Taxes and Workers Comp - Labor @ 55.0%				302,152.41		-		-		-
	Subtotal 1 Direct Cost of Each Column				851,520.42		6,176,267.03		5,655,244.00		695,461.34
	Contractor Markup (A & B) @ 25.0%				137,342.00		1,544,066.76		-		-
	Contractor Markup on Sub (C) @ 5.0%				-		-		282,762.20		-
	Contractor Markup (D) @ 15.0%				-		-		-		104,319.20
	Taxes @ 8.25%				-		-		-		57,375.56
	Subtotal 2 of Each Column (including Markup)				988,862.42		7,720,333.79		5,938,006.20		857,156.10
	SUBTOTAL 3 (All Columns Including all Markup)				15,504,358.51						
	Bonds @ 1.00%				155,043.59						
	Insurance @ 1.00%				133,784.93						
	Total of all columns				\$ 15,793,187.02						

Grand Total Cost \$ 15,793,187.02

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 YUE SUN
 TEXAS P.E. NO. 96723
 DATE: 4/5/23

NO.	DATE	REVISION	BY
1	4/5/2023	RFP NO. 1	L. BASLER
2	6/24/2022	REVISED PER ADDENDUM NO. 2	L. BASLER

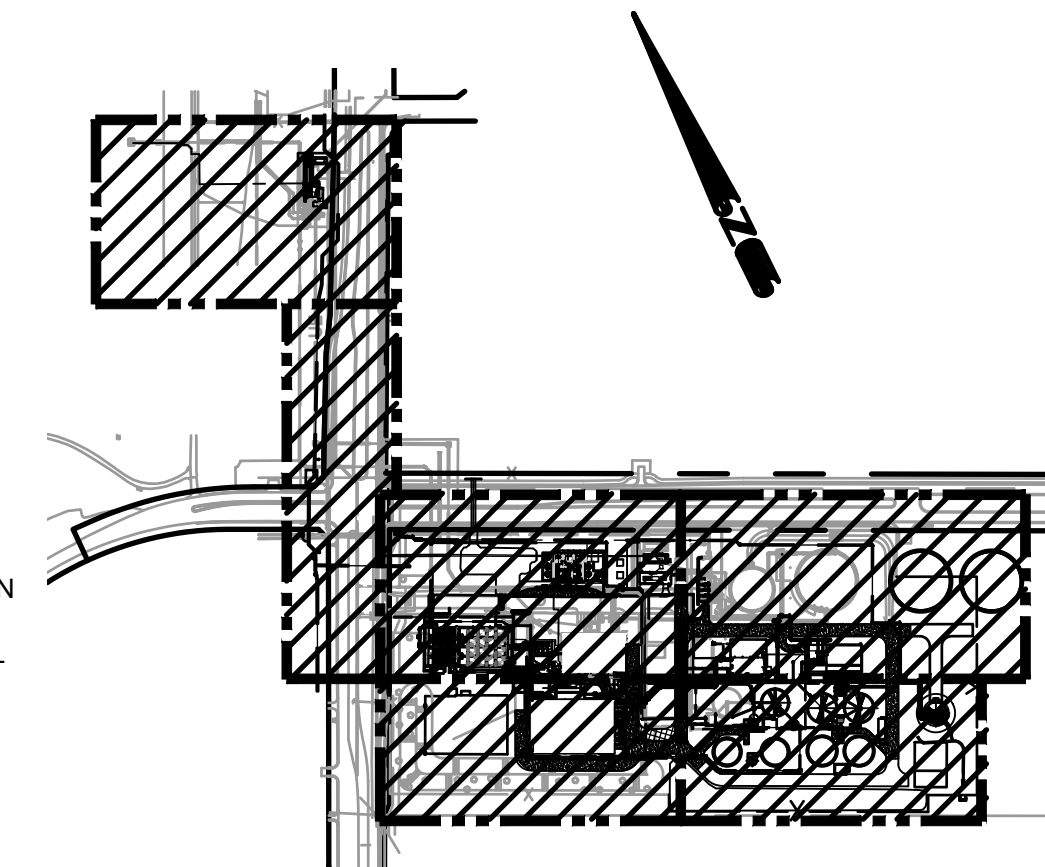


CITY OF PFLUGERVILLE, TEXAS
 WATER TREATMENT PLANT EXPANSION
 CIVIL
 TREATMENT PLANT
 OVERALL PROPOSED YARD PIPING PLAN

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.

DESIGNED	B. BRADY
DRAWN	J. HOLLAND
CHECKED	Y. SUN
REVIEWED	Y. SUN

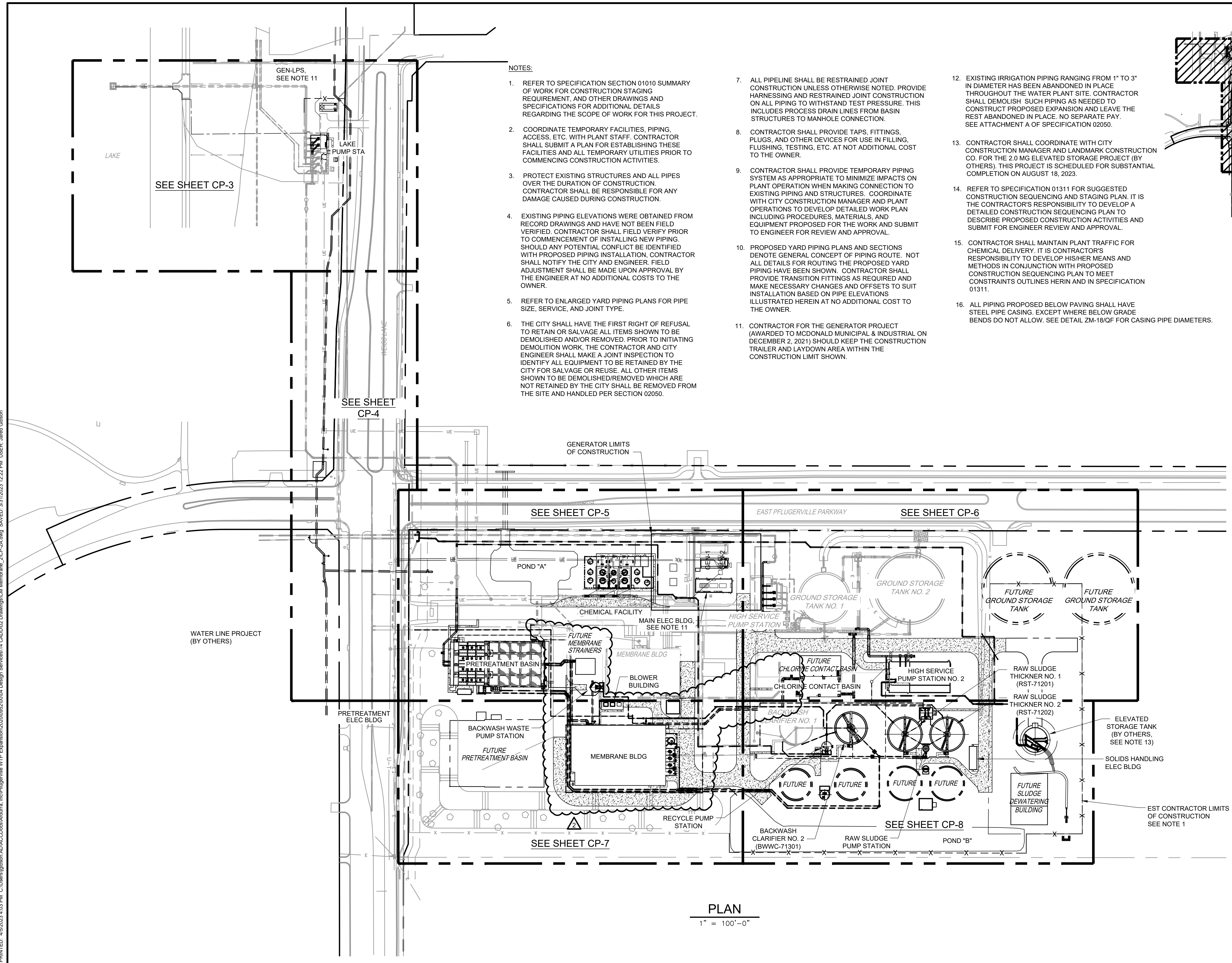
Seq. of XX
 Dwg. No. CP-2A
 2020-0952-00



KEY PLAN

NOTES:

- REFER TO SPECIFICATION SECTION 01010 SUMMARY OF WORK FOR CONSTRUCTION STAGING REQUIREMENT, AND OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAILS REGARDING THE SCOPE OF WORK FOR THIS PROJECT.
- COORDINATE TEMPORARY FACILITIES, PIPING, ACCESS, ETC. WITH PLANT STAFF. CONTRACTOR SHALL SUBMIT A PLAN FOR ESTABLISHING THESE FACILITIES AND ALL TEMPORARY UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
- PROTECT EXISTING STRUCTURES AND ALL PIPES OVER THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION.
- EXISTING PIPING ELEVATIONS WERE OBTAINED FROM RECORD DRAWINGS AND HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR SHALL FIELD VERIFY PRIOR TO COMMENCEMENT OF INSTALLING NEW PIPING. SHOULD ANY POTENTIAL CONFLICT BE IDENTIFIED WITH PROPOSED PIPING INSTALLATION, CONTRACTOR SHALL NOTIFY THE CITY AND ENGINEER. FIELD ADJUSTMENT SHALL BE MADE UPON APPROVAL BY THE ENGINEER AT NO ADDITIONAL COSTS TO THE OWNER.
- REFER TO ENLARGED YARD PIPING PLANS FOR PIPE SIZE, SERVICE, AND JOINT TYPE.
- THE CITY SHALL HAVE THE FIRST RIGHT OF REFUSAL TO RETAIN OR SALVAGE ALL ITEMS SHOWN TO BE DEMOLISHED AND/OR REMOVED. PRIOR TO INITIATING DEMOLITION WORK, THE CONTRACTOR AND CITY ENGINEER SHALL MAKE A JOINT INSPECTION TO IDENTIFY ALL EQUIPMENT TO BE RETAINED BY THE CITY FOR SALVAGE OR REUSE. ALL OTHER ITEMS SHOWN TO BE DEMOLISHED/REMOVED WHICH ARE NOT RETAINED BY THE CITY SHALL BE REMOVED FROM THE SITE AND HANDLED PER SECTION 02050.
- ALL PIPELINE SHALL BE RESTRAINED JOINT CONSTRUCTION UNLESS OTHERWISE NOTED. PROVIDE HARNESSING AND RESTRAINED JOINT CONSTRUCTION ON ALL PIPING TO WITHSTAND TEST PRESSURE. THIS INCLUDES PROCESS DRAIN LINES FROM BASIN STRUCTURES TO MANHOLE CONNECTION.
- CONTRACTOR SHALL PROVIDE TAPS, FITTINGS, PLUGS, AND OTHER DEVICES FOR USE IN FILLING, FLUSHING, TESTING, ETC. AT NOT ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROVIDE TEMPORARY PIPING SYSTEM AS APPROPRIATE TO MINIMIZE IMPACTS ON PLANT OPERATION WHEN MAKING CONNECTION TO EXISTING PIPING AND STRUCTURES. COORDINATE WITH CITY CONSTRUCTION MANAGER AND PLANT OPERATIONS TO DEVELOP DETAILED WORK PLAN INCLUDING PROCEDURES, MATERIALS, AND EQUIPMENT PROPOSED FOR THE WORK AND SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL.
- PROPOSED YARD PIPING PLANS AND SECTIONS DENOTE GENERAL CONCEPT OF PIPING ROUTE. NOT ALL DETAILS FOR ROUTING THE PROPOSED YARD PIPING HAVE BEEN SHOWN. CONTRACTOR SHALL PROVIDE TRANSITION FITTINGS AS REQUIRED AND MAKE NECESSARY CHANGES AND OFFSETS TO SUIT INSTALLATION BASED ON PIPE ELEVATIONS ILLUSTRATED HEREIN AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR FOR THE GENERATOR PROJECT (AWARDED TO MCDONALD MUNICIPAL & INDUSTRIAL ON DECEMBER 2, 2021) SHOULD KEEP THE CONSTRUCTION TRAILER AND LAYDOWN AREA WITHIN THE CONSTRUCTION LIMIT SHOWN.
- EXISTING IRRIGATION PIPING RANGING FROM 1" TO 3" IN DIAMETER HAS BEEN ABANDONED IN PLACE THROUGHOUT THE WATER PLANT SITE. CONTRACTOR SHALL DEMOLISH SUCH PIPING AS NEEDED TO CONSTRUCT PROPOSED EXPANSION AND LEAVE THE REST ABANDONED IN PLACE. NO SEPARATE PAY. SEE ATTACHMENT A OF SPECIFICATION 02050.
- CONTRACTOR SHALL COORDINATE WITH CITY CONSTRUCTION MANAGER AND LANDMARK CONSTRUCTION CO. FOR THE 2.0 MG ELEVATED STORAGE PROJECT (BY OTHERS). THIS PROJECT IS SCHEDULED FOR SUBSTANTIAL COMPLETION ON AUGUST 18, 2023.
- REFER TO SPECIFICATION 01311 FOR SUGGESTED CONSTRUCTION SEQUENCING AND STAGING PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A DETAILED CONSTRUCTION SEQUENCING PLAN TO DESCRIBE PROPOSED CONSTRUCTION ACTIVITIES AND SUBMIT FOR ENGINEER REVIEW AND APPROVAL.
- CONTRACTOR SHALL MAINTAIN PLANT TRAFFIC FOR CHEMICAL DELIVERY. IT IS CONTRACTOR'S RESPONSIBILITY TO DEVELOP HIS/HER MEANS AND METHODS IN CONJUNCTION WITH PROPOSED CONSTRUCTION SEQUENCING PLAN TO MEET CONSTRAINTS OUTLINES HERIN AND IN SPECIFICATION 01311.
- ALL PIPING PROPOSED BELOW PAVING SHALL HAVE STEEL PIPE CASING. EXCEPT WHERE BELOW GRADE BENDS DO NOT ALLOW. SEE DETAIL ZM-18/QF FOR CASING PIPE DIAMETERS.



PLAN
 1" = 100'-0"

PRINTED: 4/5/2023 4:03 PM C:\Users\jgibson\AD\ACCDocs\Arduora_Inc\Pflugerville_WTP_Expansion\20200952\0004_Design_Services\14_CADD\02_Drawings\CM_Membrane_2\CP-2A.dwg, SAVED: 3/31/2023 12:22 PM, USER: Jared Gibson

**SUBCONTRACTOR/VENDOR
SUMMARY ROLL UP COST - 07/31/2023**



SUPPLIERS	ADDER	DEDUCT	NEW REVISED COST
Misc Metals	\$ 761,426.00	\$ 338,376.00	\$ 423,050.00
Pipe & Valves Package	\$ 8,720,705.86	\$ 5,871,000.00	\$ 2,849,705.86
Pipe Supports Allowance***	\$ 150,000.00		\$ 150,000.00
MEMCOR	\$ 12,284,433.00	\$ 10,262,818.00	\$ 2,021,615.00
Void Forms	\$ 95,999.98	\$ 18,253.00	\$ 77,746.98
Concrete reinforcement Supply	\$ 545,260.30	\$ 61,100.00	\$ 484,160.30
Concrete Structural	\$ 1,367,519.16	\$ 112,894.00	\$ 1,254,625.16
Aggregates	\$ 46,856.00	\$ 9,481.00	\$ 37,375.00
Waterstop	\$ 42,147.71	\$ 17,656.00	\$ 24,491.71
Temporary Pipe Supply Deduct	\$ -	\$ 1,075,531.00	\$ (1,075,531.00)
Cheng Rotation Vanes Credit	\$ -	\$ 72,672.00	\$ (72,672.00)
SUBCONTRACTORS	ADDER	DEDUCT	NEW REVISED COST
HVAC Subcontractor	\$ 2,929,000.00	\$ 1,524,000.00	\$ 1,405,000.00
PEMB Sub	\$ 980,271.00	\$ -	\$ 980,271.00
Electrical & Controls Sub	\$ 5,737,934.23	\$ 4,665,597.23	\$ 1,072,337.00
Lonestar Precast Sub	\$ -	\$ 460,001.00	\$ (460,001.00)
Painting Subcontractor	795,467.00	431,477.00	\$ 363,990.00
Masonry Sub (Masonry Contractors)	\$ 241,577.00	\$ 37,977.00	\$ 203,600.00
FRP Doors sub	\$ 98,325.00	\$ 7,562.00	\$ 90,763.00
Overhead Doors Sub	\$ 91,545.00	\$ 17,850.00	\$ 73,695.00
Drywall Sub	\$ 215,582.00	\$ 95,430.00	\$ 120,152.00
Plumbing Sub - Allowance***	\$ 200,000.00	\$ -	\$ 200,000.00
Fire Protection Sub	\$ 289,350.00	\$ 168,310.00	\$ 121,040.00
Waterproofing Sub	\$ 288,691.00	\$ 16,560.00	\$ 272,131.00
Bridge Crane Sub	\$ 298,100.00	\$ -	\$ 298,100.00
Signage Sub	\$ 20,000.00	\$ -	\$ 20,000.00
Trucking Sub	\$ 408,782.00	\$ 4,914.00	\$ 403,868.00
Drilled Piers Sub	\$ 532,960.00	\$ 82,491.50	\$ 450,468.50
Rebar Install Sub	\$ 197,625.00	\$ 19,975.00	\$ 177,650.00
Rangeline - Line Stop	\$ -	\$ 137,820.00	\$ (137,820.00)

TOTAL SUBS & VENDORS COST	ADDER	DEDUCT	NEW REVISED COST
	\$ 37,339,557.24	\$ 25,509,745.73	\$ 11,829,811.51

Reliable Void Forms - Supply
RSS



Quote	QTEB00008575
Date	04/14/2023

2910 CAPITOL WAY
 BELTON TX 76513
 254-939-0889

REMIT TO: REINFORCING STEEL SUPPLY
 13730 Avenue K
 Austin TX 78728

Bill To:

CTAP@wwebber.com

Work Site:

AARON- 284-601-5634
 17601 WEISS LANE
 PFLUGERVILLE, TX 78660
 P: (512) 482-4116
 F: (512) 477-2385

Purchase Order #	Customer ID	Sales Rep.	Shipping Method	Payment Terms	Req'd Ship Date	Master No.
AARON QUOTE	PEPPERLAWSON	MIKE	DIRECT SHIPMENT	DUE 10TH	04/14/2023	68,418

Quantity	Item Number	Description	Weight	Tax	Unit Price	Ext. Price
	VOID FORM 10" HEAVY YELLO	7720 H HEAVY VOID FORM 10" - YELLOW <i>52/pallet, 202 pallets. Full truckload quantities direct to the job.</i>	0.00		\$8.75	
	MASONITE 1/4"	MDF COVERBOARD; 4' X 8' SHEET	0.00		\$13.99	
	DELIVERY CHARGE	DELIVERY CHARGE <i>PER LOAD OF MDF COVERBOARD SHIPPED FROM RSS WAREHOUSE</i>	0.00		\$50.00	
	NON STOCKED	10 MM HDPP SOIL RETAINER; 24" DEPTH PER LFT	0.00		\$2.37	

Total Weight: 0

Subtotal	
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00
Total	



Quote	QTEB00008529
Date	03/23/2023

2910 CAPITOL WAY
 BELTON TX 76513
 254-939-0889

REMIT TO: REINFORCING STEEL SUPPLY
 13730 Avenue K
 Austin TX 78728

Bill To:

CTAP@wwebber.com

Work Site:

AARON- 284-601-5634
 17601 WEISS LANE
 PFLUGERVILLE, TX 78660
 P: (512) 482-4116
 F: (512) 477-2385

Purchase Order #	Customer ID	Sales Rep.	Shipping Method	Payment Terms	Req'd Ship Date	Master No.
AARON QUOTE	PEPPERLAWSON	MIKE	LOCAL DELIVERY	DUE 10TH	03/23/2023	67,763

Quantity	Item Number	Description	Weight	Tax	Unit Price	Ext. Price
	100569	XTREME POLY 15 MILL 14' X 140' ROLLS	0.00		\$319.50	
	NON STOCKED	GRIP BACK TAPE <i>ENOUGH FOR 12,000 SQFT IN SQUARE/RETANGULAR PATTERN ON A 4' X 10' GRID PATTERN</i>	0.00		\$118.98	

Total Weight: 0

Subtotal	
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00
Total	

Waterstop - Supply
RSS



Quote	QTEB00008569
Date	04/13/2023

2910 CAPITOL WAY
 BELTON TX 76513
 254-939-0889

REMIT TO: REINFORCING STEEL SUPPLY
 13730 Avenue K
 Austin TX 78728

Bill To:

CTAP@wwebber.com

Work Site:

AARON- 284-601-5634
 17601 WEISS LANE
 PFLUGERVILLE, TX 78660
 P: (512) 482-4116
 F: (512) 477-2385

Purchase Order #	Customer ID	Sales Rep.	Shipping Method	Payment Terms	Req'd Ship Date	Master No.
AARON QUOTE	PEPPERLAWSON	MIKE	DIRECT SHIPMENT	DUE 10TH	04/13/2023	68,328

Quantity	Item Number	Description	Weight	Tax	Unit Price	Ext. Price
	NON STOCKED	TYPE 7BR (9" X 3/8" X 50') RIBBED W/ CENTERBULB PVC WATERSTOP	0.00		\$357.65	
	NON STOCKED	TYPE 11 (6" X 3/8" X 50') FLAT RIBBED PVC WATERSOPT	0.00		\$187.06	
	NON STOCKED	TYPE 7BR VERTICAL ELLS - 12" LEGS	0.00		\$37.65	
	NON STOCKED	TYPE 11 VERTICAL TEES - 12" LEGS	0.00		\$42.86	
	NON STOCKED	TYPE 11 VERTICAL ELLS - 12" LEGS	0.00		\$29.42	
	NON STOCKED	TYPE 11 FLAT TEES - 12" LEGS	0.00		\$42.86	
	FREIGHT	FREIGHT	0.00		\$0.00	
<i>FREIGHT PAID AT THIS QUANTITY; DIRECT SHIPPED FROM THE MANUFACTURER TO JOBSITE</i>						

Total Weight: 0

Subtotal	
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00
Total	

Prestressed Buildings - Sub
Lonestar



PH# 800-600-1719
 PH# 713-896-0994
 FAX 713-896-0762

QUOTE NO. Pflugerville WTP 0816A R3

Mebrane Blower Size Change
 DATE 05/09/23

TERMS: NET 30 DAYS

TO: Project Estimator

To be removed

Email Orders To: ordersleo@lonestarprestress.com

Re: City of Pflugerville WTP Expansion Project

Page 1 of 2

ITEM	DESCRIPTION	PRICE EACH
1	Pretreatment EB : 12'x30' Panelized Concrete Building with 15'-0 1/2" ceiling height.	\$215,512.00
2	Solids Handling EB: 14'x50' Panelized Concrete Building with 15'-0 1/2" ceiling height	\$380,887.00
3	Membrane EB: 24'x55' Panelized Concrete Building with 15'-0 1/2" ceiling height	\$460,004.00
4	Membrane Blower: 24'x50' Panelized Concrete Building with 15'-0 1/2" ceiling height	\$438,615.00

\$1,495,018.00

SCOPE OF WORK

- Item 1 Manufacture and field erect Pretreatment Electrical Building with 15'-0 1/2" ceiling height. Exterior dimensions: 12'-0" W by 30'-0" L. Interior dimensions: 10'-11" W by 28'-11" L. Roof is 4" thick, steel reinforced and post-tensioned, concrete with 3" over-hang and 1/2" drip edge.
- Item 2 Manufacture and field erect Solids Handling Electrical Building with 15'-0 1/2" ceiling height. Exterior dimensions: 14'-0" W by 50'-0" L. Interior dimensions: 12'-11" W by 48'-11" L. Roof is 4" thick, steel reinforced and post-tensioned with 4" overhang and 3/4" turned down drip.
- Item 3 Manufacture and field erect Membrane Electrical Building with 15'-0 1/2" ceiling height. Exterior dimensions: 24'-0" W by 55'-0" L. Interior dimensions: 22'-11" W by 53'-11" L. Roof is 4" thick, steel reinforced and post-tensioned with 4" overhang and 3/4" turned down drip.
- Item 4 Manufacture and field erect Membrane Blower Building with 15'-0 1/2" ceiling height. Exterior dimensions: 24'-0" W by 35'-0" L. Interior dimensions: 22'-11" W by 33'-11" L. Roof is 4" thick, steel reinforced and post-tensioned with 4" overhang and 3/4" turned down drip.

SCOPE OF WORK ITEMS 1 THRU 4

- * Install roofing membrane with R-25 roof insulation, gutters and downspouts (see attached roofing SOW)
 - * Exterior Walls: 6.5" thick, steel reinforced, insulated concrete (R-26).
 - * Interior Partition Wall: 4" thick, steel reinforced non-insulated concrete.
 - * Concrete has minimum 28 day strength 6,000 psi.
 - * All panel to panel connections to be 304 stainless steel.
 - * Interior wall and ceiling surfaces are painted concrete.
 - * Exterior finish: Rubbed exterior finish (split faced wainscoting by others).
 - * Exterior concrete wall panels to be stained with H&C Concrete Stain (color TBD).
 - * Cast rough openings for doors, HVAC and electrical (doors, HVAC/PPU and electrical by others).
 - * Wall block-outs and penetrations to be coordinated with internal reinforcement.
 - * Freight to job site in Pflugerville, TX.
 - * 90-Ton crane, rigging and crew to erect buildings on level, contractor furnished, concrete floor slabs.
- NOTES: Crane and trucks have to set up along the long side of foundation with no overhead obstructions. If crane larger than 90-ton is required due to site conditions, the difference in cost will be charged.

SEE PAGE 2 OF 2 FOR EXCLUSIONS & SCHEDULE

Page 1 of 2

FOB ORIGIN - HOUSTON

FOB JOB SITE

QUOTED SUBJECT TO APPROVAL OF SPECS

Prices are firm for acceptance within 30 days for release or within 90 days for immediate production and shipment.

Quotation subject to credit approval and our standard Terms and Conditions of Sale except as modified above.

Prices are subject to escalation after 30 days or until receipt of approved submittal/shop drawings.

Shipment

By Leo D. Rowe

See Page 2 Weeks After Receipt of Approved Dwgs.

Leo D. Rowe

Email Orders To: ordersleo@lonestarprestress.com



PH# 800-600-1719
 PH# 713-896-0994
 FAX 713-896-0762

QUOTE NO. Pflugerville WTP 0816A R3

Mebrane Blower Size Change

DATE 05/09/23

TERMS: NET 30 DAYS

TO: Project Estimator

Email Orders To: ordersleo@lonestarprestress.com

Re: City of Pflugerville WTP Expansion Project

Page 2 of 2

ITEM	DESCRIPTION	PRICE EACH
1	Pretreatment EB : 12'x30' Panelized Concrete Building with 15'-0 1/2" ceiling height.	\$215,512.00
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3	Membrane EB: 24'x55' Panelized Concrete Building with 15'-0 1/2" ceiling height	\$460,004.00
4	Membrane Blower: 24'x50' Panelized Concrete Building with 15'-0 1/2" ceiling height	\$438,615.00

\$1,495,018.00

EXCLUSIONS

- * Applicable sales taxes, permits, bonds, certifications or retainage.
- * Level poured-in-place floor slabs.
- * Electrical work of any kind.
- * Doors, door frames, door hardware and O.H. door (rough openings only).
- * HVAC, louvers, fans or PPU.
- * Signage.
- * Access controls.
- * Hand rails and lightning protection and any items not listed in the scope of work on page 1 of 2.
- * Escorts, traffic control or mats for crane and truck if site conditions require them.
- * Cost difference If crane larger than 90-ton is required due to site conditions.

SHIPMENT / SCHEDULE

- * Production and Delivery Schedules:
 Items 1 & 2: Q4 2023 Items 3 & 4: Q2 of 2024.
- * Site erection of panelized buildings: Allow 1 to 2 days for crane on site for each building.
- * Sealing and grouting panel joints: Allow 3 to 4 days for each building.
- * Roofing: To be installed after all buildings have been installed.

Page 2 of 2

FOB ORIGIN - HOUSTON

FOB JOB SITE

QUOTED SUBJECT TO APPROVAL OF SPECS

Prices are firm for acceptance within 30 days for release or within 90 days for immediate production and shipment.

Quotation subject to credit approval and our standard Terms and Conditions of Sale except as modified above.

Prices are subject to escalation after 30 days or until receipt of approved submittal/shop drawings.

Shipment

By Leo D. Rowe See above Weeks After Receipt of Approved Dwgs.

Leo D. Rowe Email Orders To: ordersleo@lonestarprestress.com

ROOFING SCOPE OF WORK

March 29, 2023

Lonestar Prestress Manufacturing, Inc.
Highway 159 East
Bellville, TX 77418

ATTN: Mr. Leo Rowe

RE: Precast concrete building's City of
Pflugerville - Pflugerville, Texas

SCOPE OF WORK:

1. Furnish all labor, material and equipment to install the modified bitumen roofing on one (1) 51' x 15', one (1) 31' x 13', one (1) 51' x 25' and one (1) 56 x 25' precast concrete buildings:
 - Roof blocking as required.
 - Two ply torch applied Garland roof system.
 - Related roofing sheet metal consisting of shop fabricated 24 gauge pre-finished steel gutter and downspouts on two (2) sides of each building and 24 gauge pre-finished steel metal fascia on the two (2) sides of each building.
 - Gutters and downspouts on two (2) sides of each building.
 - R=25 roof insulation, as published by the insulation manufacturer, two layers of 2.2" polyisocyanurate roof insulation set in insulation adhesive. R=25 is the current minimum required by the Texas Energy Code.
 - Thirty (30) year manufacturer's standard warranty.

NOTES:

1. Standard terms and conditions apply.
2. This proposal excludes tax and wage scale.
3. This proposal is based on four mobilizations. If all work can be accomplished in one (1) mobilization, deduct \$3,000.

Concrete Reinforcing Steel Supply
RSS



Date: **May 1, 2023**

Estimate #E230473

To: Estimating

Struct. Plans: 04/05/2023

Re: Water Treatment Plant Expansion – Membrane Building

Civil Plans: 04/12/2023

City of Pflugerville, TX

Addendum: NA

Estimating:

We hereby submit our proposal for the aforementioned project. The base bid amount is **\$566,800**.

Labor to install and sales tax are not included in these prices.

Our base bid includes approximately **436 tons** of grade 60 uncoated reinforcing.

Included in our Bid Package is the following:

RFP No. 1 – Membrane Building Improvements (April 2023)

1. Membrane Building – Piers (108.0 Tons)

Qualifications: (4) #8 Bars as Dowels from Pier to Beam.

2. Membrane Building – Foundation at EL. 622.50 (212.0 Tons)

Qualifications: 525 LF of Perimeter Wall Footing – 102-IN x 32-IN (w/ #5@8" OCEW, T&B), 525 LF of 16-IN Perimeter Wall per 1/CS-8A, 1,200 LF of Beams per Schedule, 3,200 SF of 16-IN Membrane Basin Slab per Sheet CS-7A, 250 LF of Trench Drain per D/CS-10A, 400 LF of Membrane Basin Walls per 1 & 2/CS-8A, 12,600 SF of 8-IN Slab (w/ #5 @ 8" OCEW, 3-IN Clear Top Cover), and 11-EA Equipment Pads (w/ #4 @ 8" OCEW).

3. Membrane Building – Foundation at EL. 641.59 (66.0 Tons)

Qualifications: 1,400 LF of Beams per Schedule, 1,000 LF of Curb at CMU Wall per D/CS-13A, 3,500 SF of Cantilever Slab (w/ #5 @ 8" OCEW T&B), 75 LF of Trench Drain per D/CS-10A, 13,000 SF of 8-IN Slab (w/ #5 @ 8" OCEW, 3-IN Clear Top Cover), and 6-EA Equipment Pads (w/ #4 @ 8" OCEW).

4. Chemical Containment Area (18.0 Tons)

Qualifications: 3-EA Sump Pits per B & D/CS-10A, 375 LF of Beams per Schedule, 2,000 SF of 8-IN Slab (w/ #5 @ 8" OCEW, 3-IN Clear Top Cover), 325 LF of Curb per A/CS-10A, and 5-EA Equipment Pads (w/ #4 @ 8" OCEW).

5. Backwash Waste Pump Station (20.0 Tons)

6. Membrane Blower Building (12.0 Tons)

7. Rebar Supports

8. (20) Deliveries to Jobsite

*Our estimate is based on the **exclusion** of reinforcement in some project areas under certain conditions, and specific items that are listed below:*

- | | |
|--|---|
| 1. Tests other than standard mill tests. | 10. All threaded reinforcing bars and mechanical splices. |
| 2. Allowances and retainage. | 11. Masonry wall reinforcing. |
| 3. Reinforcing required by MEP trades. | 12. Dowels at expansion, control, or construction joints. |
| 4. Concrete utility units. | 13. Dowel baskets. |
| 5. Precast concrete. | 14. Additional deliveries to jobsite. |
| 6. Accessories to support reinforcing of wall forms. | 15. Structure or sitework not listed. |
| 7. Galvanized materials. | 16. Hollow core toppings (ref. sheet CS-13A). |
| 8. Epoxy coated reinforcing. | 17. Additional deliveries to jobsite. |
| 9. A706 reinforcing. | |

This proposal expires (7) seven calendar days from bid date. No price will be valid for more than 7 days until a mutually agreed upon Purchase Order is executed by both RSS and Buyer. Shipping must begin within 60 days of written Notice to Proceed and be completed within 6 months of the above bid date or be subject to price escalation.

Payment terms: Net 10th pending approval of seller's credit department. Two hours maximum unloading time per load allowed. DELIVERIES ARE TO BE MADE IN FULL TRUCKLOAD QUANTITIES. Due to Steel Mill shortages, RSS cannot commit to supplying "Domestic" steel. RSS will do everything possible to supply Grade 60 steel. Acceptance of this proposal by the Buyer shall constitute the acceptance of all terms and conditions recited herein, which shall supersede any conflicting term in any other contract document. Any of the Buyer's terms and conditions in addition to or different from this proposal are objected to and shall have no effect. Buyer's agreement herewith shall be evidenced by the Buyer's signature hereon or by permitting Supplier to commence work for the project. THIS PROPOSAL IS ACCEPTED AS A BINDING CONTRACT:

Company: _____ By: _____ Date: _____

Concrete Reinforcing Steel Install
Romero Steel

Commercial Contractor/Reinforcing Steel Setter/Rebar & Post Tension Experts



ROMERO STEEL
Re-Bar & Post
Tension Experts

3781 FM 66 Waxahachie Tx 75167

Phone: 469-693-4520

Email: rromerojr@romerosteelllc.com

To: PLW

Project: Pflugerville WTP Expansion

Attention: Beatriz Boa Nova

Unit Price Rebar Proposal

Romero Steel is pleased to provide the following "Labor Only" to Install Rebar proposal pertaining to the aforementioned project. For your perusal please see the following labor unit pricing listed below:

Labor to Install Rebar- 425 Per Ton Structural ONLY

Mobilization 3 %

Retainage 5%

Payments to be made: Net 15

Bid Exclusions:

Lenton Form Savers.		Pier Side Spacers And Boots	Mechanical Rebar Installation
	Project Layout-Provided By General Contractor Field Engineer		Civil Rebar Including Trenches,Pipe Encasements Modifications
Embedments/Inserts	Telehandlers -Provided By General Contractor	Pump Anchorage Support Rebar	CMU Rebar Installation
Boom Lifts/Scissor Lifts-Provided by General Contractor	Crane -Provided By General Contractor As Needed.	Mechanical Reinforcing Bar Couplers (Install by GC) Rebar By Romero Steel	Electrician Rebar Installation (Ex - Duct Bank, Etc)
Reinforcement Placement Shop Drawings Provided By General Contractor.	Not Responsible For Clean Rebar Material Caused By Exposed Weather Thru Job Duration.	Not Responsible For Incorrect Rebar Material Sent By Supplier Or Bent In The Process Of Delivery.	

Bid Inclusions

All Extra Work Will Be Charged At An Hourly Rate Approved Before Performing Work.	Install Rebar Footings In Place For Correct Rebar Clearance.	Minor Trimming With Quick Saw. / Rebar Stairs And Landings	Install All Rebar As Shown On Shop Drawings/Structural Drawings.
Rebar Tie At 50 % Only. Road Paving. Rebar Corbels	Pre- Tie walls On Ground Level First Then Fly In Place.	Only move and handle rebar material when needed to be installed in place.	Romero Steel COI As Provided only.
Rebar Material Handling Rebar Must Have Identification Tags Provided By Supplier	Tie Wire Black Annealed Steel Wire 16-16.5 Gauge	Reinforcing Supports High Chairs,Bolsters,Dobies Weight Not Be Excluded From Bill Of Lading Ticket	Rigging Supplies -Wire Rope Slings,Nylon Slings,Crosby Anchor Shackles, Safety Rope.

Romero Steel LLC

Proposal By: Ruben Romero

Accepted By: _____

Date: 11/04/2022

Date: _____

*At **Romero Steel** "Our highest goal is total customer satisfaction!"*

HUB/MBE CONTRACTOR

Concrete Supply
Tex Mix



Post Office Box 830: Leander, Texas 78646
 Main Office: 512-759-1438 Fax: 512-759-2160

12/01/22

To: Pepper Lawson Waterworks
Attn: Pedro Salinas

Proj: Pflugerville WTP Expansion
Add: 100 E. Main, Pflugerville

PSI	Placement	Fly ash	Agg	w/c	Sacks	\$/CYD
2500	Class A	w/fly ash	1"	0.62	4.68 sk	\$ 150.00
3000	Class B	w/fly ash	1"	0.54	5.25 sk	\$ 155.50
3500	Class C	w/fly ash	1"	0.45	6 sk	\$ 165.00
4500	Class D1	w/fly ash	1"	0.42	6.25 sk	\$ 167.50
4500	Class D2	w/fly ash	1"	0.42	6.25 sk	\$ 167.50
4500	Class D3	w/fly ash	3/8"	0.42	6.5 sk	\$ 185.50
5000	Class E	w/fly ash	1"	0.40	7 sk	\$ 170.50
	Grout	w/fly ash	1"		5 sk	\$ 155.50
	Flowable Fille	w/fly ash	1"			\$ 150.00

- * HRWR + Add \$5.00/CY
- * Above pricing is based on 1-2 AM start times on larger pours
- * A \$10.00 Environmental Fee will be applied to each truck load
- * **Please see Fuel Surcharge List**
- * Sales quotes expire in 30 days and may need to be revisited thereafter
- * Add \$6.00/CY for each 1/2 sack increase or 0.05 reduction in the water/cement ratio
- * For 3/8" Aggregate add \$10.00/CY unless already noted above
- * Fly Ash is subject to availability. For straight cement add \$7.00/CY
- * Raw Materials are subject to availability
- * Temperature Control: ICE \$1.05/lbs
- * Truck Charges: \$3.00/minute after the first hour truck arrives on site
- * Short Load Charge 1-2.5 yds \$300.00, 3-4.5 yds \$225.00, 5-6.5 yds \$150.00

*Does not apply to a tag load behind full load to complete pour.

Pricing firm through through August 2023 and subject to a \$8.00/CY increase September 1, 2023 and an additional \$6.00/CY every 4 months thereafter.

Tex-Mix Concrete operates 25 plants supplying Austin, San Antonio and the surrounding areas with a 250-truck fleet. We thank you for consideridng Tex-Mix Concrete as your ready mix supplier and look forward to meeting your needs in the future.

Respectfully,

Accepted by: _____

Jason Wright
Sales Manager
www.tex-mixconcrete.com

Date: _____

PAINTING AND COATINGS SUBCONTRACTOR PROPOSAL
UNIVERSAL PAINTING

To: _____
 Company: PLW Waterworks
 Fax #: bids@plwus.com Phone #: _____
 From: Michael Allison Direct Phone: (863) 594-1907 Email: mallison@universalpainting.com
 Bid Date 28-Jul-22 2:00 PM Submitted Date 17-May-23

Project: Pflugerville Revised - Chemical Containments(New Membrane Building & Chemical Facilities Areas)

Addenda Received:

Our Proposal includes the following:

Per Plans and Specification as shown for the Divisions listed below, Excludes NACE inspection.,

Base Bid by Specification Section:

<u>Division</u>	<u>Description of Work (Listed by Area)</u>	<u>Amount</u>
9800 - Special Coatings,	Chemical Facilities Containment Coatings Only	_____
9800 - Special Coatings,	New Membrane Building Concrete Containments	_____
Mobilization, General Conditions, Submittals, and Punch Out		_____
TOTAL PROPOSED AMOUNT		<u>\$761,462</u>

<u>Number</u>	<u>Description of Work</u>	<u>Add</u>	<u>Deduct</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Exclusions/Notes:

Proposal is based on a 40-hour workweek, Electricity and water shall be supplied by others, Blast Media shall remain on ground, All metals are to be prepared and shop primed by others, Exclude Aluminum in contact with concrete, Exclude all manholes unless stated above, Exclude all labels other than stencils and color coding, Exclude all pipe interiors, Exclude all tank floors/bottom unless otherwise stated, All water retaining structures shall be clean and maintained dry by others, All crane lifts and assistance with unloading materials and equipment shall be provide by others, Exclude FRP ducts, piping & scrubbers, Payments beyond 45 days is subject to a 1.5% Fee, This proposal and work scope shall become part of the contract and any unlisted work shall be done on a change order, Guarantee shall be 1 year from date of acceptance not to exceed 18 months from date of installation, Bid price based on UPC standard wages. If Davis Bacon required, please contact us prior to bid date, Exclude all below grade pipe, Heat and containment for working in inclement weather has not been included. ambient and substrate temperature must be within the product manufacturers recommendations, Exclude all lead and asbestos abatement, Includes standard provisions for General Liability and Workers Comp. If additional endorsements are required, additional cost will apply, All damaged, field welded, and beyond maximum re-coat window items that were shop/factory primed or pre-finished will be repaired on a T&M basis outside of this scope, If factory/shop primed items are noncompatible with the specified field applied paint system, the barrier coat or removal and re-prime shall be done on a T&M basis, Exclude painting of instrument panels and electrical conduit,

Above proposed amount is based on that all work must be substantially completed before 1-Mar-26
 Any work beyond the above stated date may be subject to a price increase.

	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Bonds Included?	_____	<u>XX</u>	Materials & Labor	<u>XX</u>	_____
Bid Valid for 90 Days	<u>XX</u>	_____	Labor Only	_____	<u>XX</u>
Per Plans & Specs?	<u>XX</u>	_____	Terms 2% NET 10, NET 15	<u>XX</u>	_____
Certified MBE or WBE?	_____	<u>XX</u>	Retainage Held @ 5%	<u>XX</u>	_____
Visited Job-Site?	_____	<u>XX</u>	Crew Days	_____	<u>123</u>

3810 Drane Field Rd, suite 3. Lakeland, Florida 33811 Phone (863) 686-2320 Fax (863) 686-1954

Universal Painting Corporation

Project Scope of Work

Project Name Pflugerville Revised - Chemical Containments(New Membrane Building & Chemical Facilities Areas) Bid Date 7/28/2022 Estimator Michael Allison

Provided herein is the scope of work that Universal Painting Corporation intends to perform on the **Pflugerville Revised - Chemical Containments(New Membrane Building & Chemical Facilities Areas)**

Project bidding on 28-Jul-22

Please review the items listed to ensure that our interpretation of the project documents will meet the needs of your proposal. This confidential information is not intended for distribution. Please acknowledge receipt and contact us if there is any conflicts.

	Yes	No	Notes
Estimating, Submittals & Preconstruction Work	x		
Mobilization	x		

Chemical Facilities Containment Coatings Only

	Yes	No	Notes
3050-Concrete Containment, Chemical Containment Coatings (Walls and Pads Only) Bulk Storage Areas, Truck Unloading Areas Per 09800	x		
3050-Concrete Containment, Chemical Containment Coatings ACH Room, LAS Room, SH Room Only Per 09800	x		
5110-Metal (Struct) Exterior, Chemical Containment Coatings Structural Steel Bases Per 09800	x		
3050-Concrete Containment, Chemical Containment Coatings (Floors Only) Bulk Storage Areas, Truck Unloading Areas Per 09800	x		

New Membrane Building Concrete Containments

	Yes	No	Notes
3050-Concrete Containment, New Membrane Building Concrete Containment (Walls) Area at the Clean In Place Chemical Area Per 09800	x		
3050-Concrete Containment, New Membrane Building Concrete Containment (Floors) Area at the Clean In Place Chemical Area Per 09800	x		
3050-Concrete Containment, New Membrane Building Neutralization Tank Area (Walls) Per 09800	x		
3060-Concrete Floor, New Membrane Building Neutralization Tank Area (Floors) Per 09800	x		

Exclusions/Notes:

- Proposal is based on a 40-hour workweek,
- Electricity and water shall be supplied by others,
- Blast Media shall remain on ground,
- All metals are to prepared and shop primed by others,
- Exclude Aluminum in contact with concrete,
- Exclude all manholes unless stated above,
- Exclude all labels other than stencils and color coding,
- Exclude all pipe interiors,
- Exclude all tank floors/bottom unless otherwise stated,
- All water retaining structures shall be clean and maintained dry by others,
- All crane lifts and assistance with unloading materials and equipment shall be provide by others,
- Exclude FRP ducts, piping & scrubbers,
- Payments beyond 45 days is subject to a 1.5% Fee,
- This proposal and work scope shall become part of the contract and any unlisted work shall be done on a change order,
- Guarantee shall be 1 year from date of acceptance not to exceed 18 months from date of installation,
- Bid price based on UPC standard wages. If Davis Bacon required, please contact us prior to bid date,
- Exclude all below grade pipe,
- Heat and containment for working in inclement weather has not been included. ambient and substrate temperature must be within the product manufacturers recommendations,

Universal Painting Corporation

Project Scope of Work

Exclude all lead and asbestos abatement,

Includes standard provisions for General Liability and Workers Comp. If additional endorsements are required, additional cost will apply,

All damaged, field welded, and beyond maximum re-coat window items that were shop/factory primed or pre-finished will be repaired on a T&M basis outside of this scope,

If factory/shop primed items are noncompatible with the specified field applied paint system, the barrier coat or removal and re-prime shall be done on a T&M basis,

Exclude painting of instrument panels and electrical conduit,

To: _____
 Company: **PLW Waterworks**
 Fax #: bids@plwus.com Phone #: _____
 From: **Michael Allison** Direct Phone: (863) 594-1907 Email: mallison@universalpainting.com
 Bid Date 8-May-23 3:00 PM Submitted Date 17-May-23

Project: Tx Pflugerville New Membrane Building 5/5/2023

Addenda Received:

Our Proposal includes the following:

Per Plans and Specification as shown for the Divisions listed below, Excludes NACE inspection.,

Base Bid by Specification Section:

<u>Division</u>	<u>Description of Work (Listed by Area)</u>	<u>Amount</u>
9900 - Painting,	New Blower Building	\$5,646
9900 - Painting,	New Backwash Waste Pump Station	\$28,117
9900 - Painting,	New Membrane Building	\$231,137
9900 - Painting,	New Membrane Building Membrane Basins Only	\$387,004
Mobilization, General Conditions, Submittals, and Punch Out		\$28,583
TOTAL PROPOSED AMOUNT		\$680,487

<u>Number</u>	<u>Description of Work</u>	<u>Add</u>	<u>Deduct</u>
1	If we do the concrete floor sealer	\$68,970	

Exclusions/Notes:

Proposal is based on a 40-hour workweek, Electricity and water shall be supplied by others, Blast Media shall remain on ground, All metals are to be prepared and shop primed by others, Exclude Aluminum in contact with concrete, Exclude all manholes unless stated above, Exclude all labels other than stencils and color coding, Exclude all pipe interiors, Exclude all tank floors/bottom unless otherwise stated, All water retaining structures shall be clean and maintained dry by others, All crane lifts and assistance with unloading materials and equipment shall be provided by others, Exclude FRP ducts, piping & scrubbers, Payments beyond 45 days is subject to a 1.5% Fee, This proposal and work scope shall become part of the contract and any unlisted work shall be done on a change order, Guarantee shall be 1 year from date of acceptance not to exceed 18 months from date of installation, Bid price based on UPC standard wages. If Davis Bacon required, please contact us prior to bid date, Exclude all below grade pipe, Heat and containment for working in inclement weather has not been included, ambient and substrate temperature must be within the product manufacturers recommendations, Exclude all lead and asbestos abatement, Includes standard provisions for General Liability and Workers Comp. If additional endorsements are required, additional cost will apply, All damaged, field welded, and beyond maximum re-coat window items that were shop/factory primed or pre-finished will be repaired on a T&M basis outside of this scope, If factory/shop primed items are noncompatible with the specified field applied paint system, the barrier coat or removal and re-prime shall be done on a T&M basis, Exclude painting of instrument panels and electrical conduit, Exclude painting of galvanized metals, Exclude painting of walls, ceilings and floors at the premanufactured blower building, Exclude backwash waste pump station wetwell coating not required, Exclude any painting of the premanufactured membrane building primary beams, secondary beams, perlines ect - not required,

Above proposed amount is based on that all work must be substantially completed before 10-Dec-26
 Any work beyond the above stated date may be subject to a price increase.

	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Bonds Included?	_____	XX	Materials & Labor	XX	_____
Bid Valid for 90 Days	XX	_____	Labor Only	_____	XX
Per Plans & Specs?	XX	_____	Terms 2% NET 10, NET 15	XX	_____
Certified MBE or WBE?	_____	XX	Retainage Held @ 5%	XX	_____
Visited Job-Site?	_____	XX	Crew Days	_____	263

3810 Drane Field Rd, suite 3. Lakeland, Florida 33811 Phone (863) 686-2320 Fax (863) 686-1954

Universal Painting Corporation

Project Scope of Work

Project Name Tx Pflugerville New Membrane Building 5/5/2023 Bid Date 5/8/2023 Estimator Michael Allison

Provided herein is the scope of work that Universal Painting Corporation intends to perform on the **Tx Pflugerville New Membrane Building 5/5/2023**

Project bidding on 8-May-23

Please review the items listed to ensure that our interpretation of the project documents will meet the needs of your proposal. This confidential information is not intended for distribution. Please acknowledge receipt and contact us if there is any conflicts.

	Yes	No	Notes
Estimating, Submittals & Preconstruction Work	x		
Mobilization	x		

New Blower Building			
	Yes	No	Notes
5220-Metal (P&E) Interior, Shop Blasted & Shop Primed Piping & Blower Units	x		

New Backwash Waste Pump Station			
	Yes	No	Notes
5210-Metal (P&E) Exterior, Shop Blasted & Shop Primed Piping	x		
5230-Metal (P&E) Submerged, Shop Blasted & Shop Primed Piping & Pumps	x		

New Membrane Building			
	Yes	No	Notes
5220-Metal (P&E) Interior, Shop Blasted & Shop Primed Int/Ext Piping	x		
5220-Metal (P&E) Interior, Int/Ext PVC Piping	x		
4020-Masonry Interior CMU, Interior CMU Walls	x		
3020-Concrete Interior, Interior Concrete Walls & Ceilings	x		
8020-GWB & Misc Interior, Interior Drywall Walls and Ceilings	x		
3060-Concrete Floor, Floor Sealer		x	see alternate
5270-Metal (P&E) Bollards, Shop Prep & Shop Primed Bollards	x		
5090-Metals (Plate) Other, Shop Prep and Shop Primed New Compressors	x		
5220-Metal (P&E) Interior, Stainless Steel Piping for Labeling Only	x		

New Membrane Building Membrane Basins Only			
	Yes	No	Notes
3030-Concrete Submerged, Membrane Basin # 1 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 1 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 2 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 2 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 3 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 3 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 4 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 4 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 5 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 5 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 6 Submerged Concrete Walls	x		
3060-Concrete Floor, Membrane Basin # 6 Submerged Concrete Floors	x		
3030-Concrete Submerged, Membrane Basin # 7 Submerged Concrete Walls	x		

3060-Concrete Floor, Membrane Basin # 7 Submerged Concrete Floors	x	
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Exclusions/Notes:

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 Electricity and water shall be supplied by others,
 Blast Media shall remain on ground,
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 Exclude Aluminum in contact with concrete,
 Exclude all manholes unless stated above,
 Exclude all labels other than stencils and color coding,
 Exclude all pipe interiors,
 Exclude all tank floors/bottom unless otherwise stated,
 All water retaining structures shall be clean and maintained dry by others,
 All crane lifts and assistance with unloading materials and equipment shall be provide by others,
 Exclude FRP ducts, piping & scrubbers,
 Payments beyond 45 days is subject to a 1.5% Fee,
 This proposal and work scope shall become part of the contract and any unlisted work shall be done on a change order,
 Guarantee shall be 1 year from date of acceptance not to exceed 18 months from date of installation,

Bid price based on UPC standard wages. If Davis Bacon required, please contact us prior to bid date,
 Exclude all below grade pipe,
 Heat and containment for working in inclement weather has not been included. ambient and substrate temperature must be within the product manufacturers recommendations,
 Exclude all lead and asbestos abatement,
 Includes standard provisions for General Liability and Workers Comp. If additional endorsements are required, additional cost will apply,
 All damaged, field welded, and beyond maximum re-coat window items that were shop/factory primed or pre-finished will be repaired on a T&M basis outside of this scope,
 If factory/shop primed items are noncompatible with the specified field applied paint system, the barrier coat or removal and re-prime shall be done on a T&M basis,
 Exclude painting of instrument panels and electrical conduit,
 Exclude painting of galvanized metals,
 Exclude backwash waste pump station wetwell coating not required,
 Exclude any painting of the premanufactured membrane building primary beams, secondary beams, perlins ect - not required,

**MASONRY SUBCONTRACTOR PROPOSAL
MASONRY CONTRACTORS**



BID #: 22138-C

REVISED PROPOSAL

18510 FLORENCE KNOLL DR, CYPRESS, TX 77429

May 15, 2023

Project: Pflugerville WTP Exp.
Pflugerville, TX.

Contractor: PLW Waterworks
E-mail: bids@plwus.com

Plans Dated: 06/03/22

ADDENDUM : 1-9

We propose to do the following masonry work at the project listed above:

Furnish / Install

General Description of Work

- 1. Lake Raw Pump Station - 2. Pretreatment Basin Electrical Bldg.
- 3. Membrane Bldg. - 4. Membrane Electrical Bldg.
- 5. Membrane Blower Bldg. - 6. Chemical Bldg. - 7. Solids Handling Elect. Bldg.

Prices Subject To Change Without Notice

Please keep in mind that due to the market volatility materials & supplies shortages it requires more time to procure products and pricing is subje to change upon fluctuations. Due to this we must receive a purchase order or contract as soon as possible to meet schedules

Exclusions

- * Moisture barrier, * Rigid Insulation, * Steel Lintels, * Interior work, * Soffits, * Footings, * Screen walls, * Dumpster enclosure, *
- * Demolition, * Patching or resurfacing of Existence, * Toothing, * Integral Water Repellent @ CMU and mortar, * Shop Drawings
- * Control of vehicular and pedestrian traffic and safety, * Conning, * Hours out side of regular business hours, * Overtime, *
- * No Confinement Or Screening Materials, * No Re-Bar Other Than Required For Masonry, * Doweling
- * Refer to list below for other exclusions applicable to the scope of work

CMU

4", 8" & 12" Std. Colored & Gray CMU as per plans Pricing is based on plumbing & electrical being surface mounted
 8" & 12" Colored Split Face CMU as per plans Pricing is based on plumbing & electrical being surface mounted
 Walls include all reinforcement and rebar where applicable per plans
 Type "S" mortar for all block work

****DUE TO RISING MATERIAL COSTS – PRICES GOOD FOR 30 DAYS FROM PROPOSAL DATE****

***The lump sum price includes labor, materials, supervision, equipment, taxes (if applicable) and insurance.**

*CMU Bid:	\$364,380.00
Total contract value	\$364,380.00

ALTERNATE ADD/DEDUCT *

Deduct - Original Membrane Bldg.	\$28,474.00	<input type="checkbox"/>
Add - New Membrane Bldg.	\$241,577.00	<input type="checkbox"/>
Deduct - Original Membrane Blower Bldg.	\$9,503.00	<input type="checkbox"/>
Add - New Membrane Blower Bldg.	\$11,747.00	<input type="checkbox"/>

Please submit Contracts / Documents to: accounting@masonrycontractorshouston.com / Cell: (832) 443-1779

Excludes where applicable: Demolition , Blocking , Temporary wall bracing material, All Fixed or Suspended Framing , All cross or furring channels, Sheathing, Ceilings, Caulking, Expansion joint, Flashing, Flexible flashing, Through wall flashing, Waterproofing, Fluid applied air moisture barriers, Weather proofing, Prep of substrate, Cement board, Pressure washing of release agent on tilt wall, Insulation, Protection of adjacent materials, Site work, Backer rods, Sealants, Paint, Fry Reglets, Standard lintels or welded lintels, Structural, Engineering, Miscellaneous steel, Embeds, Metal plates, UL Rated CMU, Mortar Net,Rebar, Amenities, Interior work, All Flooring, Site work, Water, Electricity, Monument sign, Haul off-site waste/spoils, Roof or shingle damage, Window or door frame damage, H/M Door Frames , All positioners, All fillers, Compressed fillers, gaskets, Anchor bolts, Window glass damage, Permits, Licenses, Fees, Testing, Drainage materials or systems, Any remodel/renovations tax that may be applicable to this Job. Any other masonry work not specified above, Shop drawings , Prevailing wages, Trash dumpster provided by others. Performance and payment Bonds,Wage scales.

If our bid is accepted, this proposal becomes a part of any contract document. This proposal is based on AIA or any other mutually agreeable contract. Payment of billings must be made on a bi-weekly basis for labor costs and on a monthly basis for material costs, 5% retainage must be released within 30 days from date of substantial completion of our scope of work. This proposal may be withdrawn by us if not accepted within TEN (10) days.

Proposal Accepted By: _____

Date: _____

Submitted By:

John Hill
 E-mail: john@masonrycontractorshouston.com
 Cell: (936) 900-4319

Estimator: Tim Norris
 E-mail: tim@masonrycontractorshouston.com
 Cell: (407) 832-6546

**OVERHEAD DOORS SUBCONTRACTOR PROPOSAL
ALAMO DOORS**



Alamo Door Systems

16358 Nacogdoches Road
San Antonio, TX 78247
(210) 657-1150 ext. 305 Phone
(210) 657-0327 Fax

May 3, 2023

RE: **Pflugerville Water Treatment Plant Expansion Project Membrane Building**

Subject to the conditions listed below, we propose to furnish and install the following:

Lake Raw Water Pump Station

SECTION 08330 ROLLING SERVICE DOORS

Reinstall one 10-0 x 10-0 coiling door from outside wall to interior door.

\$ 1,258.00

Membrane Blower Building

SECTION 08330 ROLLING SERVICE DOORS

NEMA 1 motor operated with sensing edge, face of wall mount, 40psf wind load, no impact, TDI-GDR-31, 20/24 gauge, one of 180 standard factory powder-cat color, insulated curtain, ZRG guides, brackets & bottom bar, IECC 2015 & ASHRAE 90.1, compliant, verified air infiltration of .27CFM/SQFT, surface mounted 3 button control station, operable coil side.

1ea, 12-0 x 12-0, **Mark, C21.**

1ea, 10-0 x 10-0, **Mark, C22.**

\$ 33,617.00

New High Service Pump Station # 2

SECTION 08330 ROLLING SERVICE DOORS

NEMA 1 motor operated with sensing edge, face of wall mount, 40psf wind load, no impact, TDI-GDR-31, 20/24 gauge, one of 180 standard factory powder-cat color, insulated curtain, ZRG guides, brackets & bottom bar, IECC 2015 & ASHRAE 90.1, compliant, verified air infiltration of .27CFM/SQFT, surface mounted 3 button control station, operable coil side.

1ea, 14-0 x 12-0, **Mark, E03.**

\$ 23,010.00

Membrane Building

SECTION 08330 ROLLING SERVICE DOORS

NEMA 1 motor operated with sensing edge, face of wall mount, 40psf wind load, no impact, TDI-GDR-31, 18/24 gauge, one of 180 standard factory powder-cat color, insulated curtain, ZRG guides, brackets & bottom bar, IECC 2015 & ASHRAE 90.1, compliant, verified air infiltration of .27CFM/SQFT, surface mounted 3 button control station, operable coil side.

1ea, 16-0 x 16-0, **Mark, CO2.**

1ea, 14-0 x 14-0, **Mark, C05.**

\$ 57,928.00

Due to the ambiguity of the plans and specifications we will accept a contract based solely on the contents of this proposal.

We exclude locks and inter locks on motor operated service & fire doors.

We exclude custom colors.

We exclude any disconnect devices, (By Others).

We exclude all NEMA motor upgrades.

We exclude any and all work not specifically mentioned above.

We exclude the 5 year warranty on Zinc finish.

Sales tax is excluded.

We acknowledge addenda 1-10.

This proposal is based on the following conditions:

1. Special insurance requirements may cost additional premiums. Any additional insurance premiums will be added to this proposal amount. Attached is a description of our standard insurance package.
2. Protection of our work “in place” is not our responsibility. We will not be responsible for damage to our work caused by other parties or by the improper use of equipment by others.
3. We will NOT indemnify or “hold harmless” any party from claims attributable to bodily injury, sickness, disease or death, or to damage or destruction of tangible property, where such claim or damage is caused “in whole” by any other party. We will NOT indemnify any other party from the consequences of their own negligence. If you accept this proposal, then you agree that any such language in your subcontract agreement will be superceded by this proposal.
4. In the event that our contract/subcontract agreement is with a general contract or construction management firm, then we will look to same for payment of our work. Any subcontract language which states that payment by owner to contractor shall be a “condition precedent” to payment by contractor to subcontractor will be superceded by this proposal. Nothing in the subcontract agreement shall be construed to require us to continue performance of the work if we do not receive timely payment for properly performed work and for suitable stored materials.
5. This bid is conditioned on parties entering into a mutually acceptable subcontract agreement. If the parties do not agree on the form of subcontract, then they will execute an American Institute of Architect’s A401-1997 form subcontract.
6. Venue of any disputes hereunder or arising from the Project will be in the County where the Project is located.
7. The contractor’s schedule shall provide time for us to perform our work between the hours of 7:30 a.m. and 6:00 p.m. on weekdays. This proposal does not include provision for our being required to perform overtime work for delays not caused by us.
8. Unless noted otherwise, all applicable state and local taxes are not included and should be added.
9. All openings to be properly framed by the general contractor and ready to receive our material.
10. All finished painting is by others unless material is specifically noted as pre-finished.
11. We exclude countertops and sills unless specifically noted otherwise.
12. Lead time for this material is approximately 12-26 weeks after field dimensions.
13. We will successfully “Drop Test”, with a witness, a counter fire door one time only. Any additional drop tests and re-set of the door will be an additional charge.

NOTE Due to a volatile steel market and potential material cost increases the price paid will be whatever the market price is the day we order the doors.

1. *All orders placed for delayed shipment will be subject to an escalation clause based on the invoice method.*
2. *Quote is based on manufacturer's standard warranty, any and all extended warranties and or any warranties containing incidental or repair of surrounding construction language are excluded. We will not accept any contract with language to the contrary.*

This proposal excludes the following:

1. *We exclude all wire, conduit and wiring for power and controls.*

2. *We exclude extension and hook-up of wiring for SS90B release devices, smoke or fire alarms, smoke detectors, photo eyes or sensors, pneumatic or electrical safety edges, etc., that are tied into the building alarm system.*
3. *Alamo Door Systems will not be responsible for wiring of any type unless noted otherwise.*
4. *Alamo Door Systems will make final connections only.*
5. *We exclude operability under wind load.*
6. *We exclude Delegated Design.*
7. *Includes one drop test of fire doors, 7 day notice before testing, after that additional cost will occur.*

This proposal is subject to the following terms:

1. All orders are subject to credit approval and are C.O.D. unless credit has been approved.
2. If credit has not been approved, a 50% deposit will be required with the order with the balance due at the time of the installation.
3. Cash, checks and credit cards are accepted.
4. Subcontractor will not be required to furnish releases or waivers of bond or lien claims beyond the extent of collected payments.

Very truly yours,

ALAMO DOOR SYSTEMS

Warren Mays

Warren Mays

ACCEPTANCE: Terms, price and specifications on all pages of this proposal are hereby accepted and the work is authorized.

Purchaser: _____

Signature: _____ Title: _____ Date: _____

FRP DOORS SUBCONTRACTOR PROPOSAL
SUMMIT DOORS

SUMMIT STILL CONFIRMIING PRICE WITH
MANUFACTURER

SUMMIT

DOORS & HARDWARE, INC.

8133 Wickson Ridge Drive

Bryan, TX 77808

979-325-8050

DOOR – FRAME & HARDWARE PROJECT PROPOSAL

To: WEBBER COMMERCIAL CONSTRUCTION

From: Steven Simpson

Attn: GARTH HAMMETT

Date: MARCH 14, 2023

Re: PFLUGERVILLE WATER TREATMENT PLANT

Addenda:

Rev Nr: 04

Rev Date: MARCH 14, 2023

Summit Doors & Hardware proposes to furnish materials only for the above referenced project as indicated below. This proposal is valid Through JUNE 04, 2023

Architect : ARDURRA, HOUSTON, TX

Architect Project Number : 2020-0952-00

Architectural Drawings : JUNE 04, 2022

ADDENDUMS:

Addendum 01 : JUNE 17, 2022

Addendum 02 : JUNE 24, 2022

Addendum 03 : JULY 04, 2022

Addendum 04 : JULY 11, 2022

Addendum 05 : JULY 11, 2022

Addendum 06 : JULY 11, 2022

Addendum 07 : JULY 29, 2022

Addendum 08 : AUGUST 12, 2022

Addendum 09 : AUGUST 26, 2022

Addendum 10 : SEPTEMBER 02, 2022

RFP 01 : APRIL 05, 2023

PROPOSAL INCLUDES THE FOLLOWING DIVISIONS:

- 08 15 00 – FRP DOORS & FRAMES
- 08 71 00 – DOOR HARDWARE

REVISION NOTES:

- REV 05 UPDATED PRICING TO INCLUDE RFP 01 PRICING DEDUCTS AND ADDS – No other changes.
- REV 04 CORRECT UPDATED PRICING TO INCLUDE FRP PRICING INCREASE – No other changes.
- REV 03 UPDATED PRICING TO INCLUDE FRP PRICING INCREASE – No other changes.
- REV 02 UPDATED PRICING THROUGH DATE – No other changes.

ESCALATION PRICING NOTES:

1. This proposal is valid Through June 04, 2023 – REPRICING REQUIRED FOR ANY MATERIAL PURCHASES AFTER June 04 12, 2023
2. FRP Door and Frame pricing included herein requires stamped, approved submittals be received by Summit prior to June 04, 2023. If stamped, approved submittals are received after this date, FRP Doors and Frames and Door Hardware will require re quoting

LEAD TIME NOTES:

1. Pricing is based on manufacture standard lead times:
 - a. FRP Doors and Frames Shop Drawings Approximately 02 - 04 Weeks from NTP
 - b. FRP Doors and Frames Production Approximately 16 - 18 Weeks from Approved Returned Submittals
 - c. Mechanical Door Hardware Approximately 12 - 16 Weeks from Approved Returned Submittals

SUMMIT

DOORS & HARDWARE, INC.

8135 Wickson Ridge Drive

Bryan, TX 77808

979-325-8050

- This proposal is valid for sections & products listed in this proposal. All other items are excluded.

PROJECT PRICING PROPOSAL PFLUGERVILLE WTP RENOVATION:

Project: PFLUGERVILLE WATER TREATMENT PLANT
 Location: PFLUGERVILLE, TX
 Distributor: SUMMIT DOORS & HARDWARE
 Summit Project ID: 202080
 Drawings: RFP 1 - CONFORMED SET
 RFP 1 Drawings
 Dated: April 5, 2023

PRICING REVISION DATE:	May 5, 2023
RFP 1 - PRICING	
DESCRIPTION - DIVISION 08	PRICING
<i>PRICING INCLUDES FRP FRAMES, DOORS, DOOR HARDWARE AND INSTALLATION OF THIS MATERIAL. E05 WITH REMOVABLE TRANSOM</i>	
BLDG 01 : LAKE RAW WATER (A01, A03)	\$ 13,200.00
BLDG 02 : PRE TREATMENT BASIN (B03, B04, B05, B06)	\$ 32,200.00
BLDG 03 : PRETREATMENT BASIN ELECTRICAL BLDG (B01, B02)	\$ 13,600.00
BLDG 04 : MEMBRANE BLDG (C01, C02)	\$ 11,100.00
BLDG 05 : MEMBRANE ELECTRICAL BLDG (C10, C11)	\$ 16,800.00
BLDG 06 : MEMBRANE BLOWER BLDG (C20)	\$ 6,100.00
BLDG 07 : NEW HIGH SERVICE PUMP STATION NO. 2 (E01, E02, E04, E05, E06)	\$ 34,775.00
BLDG 08 : CHEMICAL FACILITY BLDG (F01, F02, F03, F04, F05, F06, F07, F08)	\$ 68,500.00
BLDG 09 : SOLIDS HANDLING ELECTRICAL BLDG (G01, G02)	\$ 13,625.00
FRP PRICE ESCALATION ADD (FRP PRICE INCREASES)	\$ 4,000.00
TOTAL PROJECT PRICE	\$ 213,900.00
RFP 01: DEDUCT OPENING C02	\$ (5,894.00)
RFP 01: HARDWARE CHANGE DEDUCTS @ MEMBRANE BUILDINGS 04, 05, 06	\$ (1,668.00)
RFP 01: ADD C03, C04, C06, C07, C08, C09, C12, C13, C14, C15, C16, C17, C23	\$ 98,325.00
TOTAL RFP 01 PRICING (INCLUDES DEDUCTS & ADDS:)	\$ 90,763.00
TOTAL PROJECT NET REVISIONS / CONTRACT WITH DEDUCTS & ADDS:	\$ 304,663.00

EXCLUSIONS NOTES:

- Excludes sales tax and Signage
- Excludes Division 08 80 00 - All Windows, Glass and Glazing (Door Vision Lite Included – Excludes Glass & Glazing)
- Excludes Card Readers, Credentials, Access Control Commissioning, Wiring, Conduit, Pulling Conduit

SUMMIT

DOORS & HARDWARE, INC.

8133 Wickson Ridge Drive

Bryan, TX 77808

979-325-8050

ADDITIONAL DOOR PROJECT PROPOSAL QUALIFICATIONS

- Addendum 07 Exterior Opening Exclude Door Sweeps (01, 02), Thresholds (Set 02)
- B01 and B02 @ Electrical Room HW Set 09 Rim x CR Scheduled (Exterior)
- C10 @ Electrical Room HW Set 09 Rim x CR Scheduled (Exterior)
- C11 Paired @ Electrical Room HW Set 07 Lock x FB
- C20 SGL @ Boiler Room HW Set 04 Lock x EU Strike (CR)
- G01 & G02 @ Electrical Room HW Set 09 Rim x CR Scheduled (Exterior)

RFP 1 OVERVIEW – RFP 1 PRICE IMPACT \$90,763

Pflugerville WTP

RFP 1 - APRIL 05, 2023

SUMMIT JOB NUMBER 202096

Mfg	Component Description	Qty
	(Openings C03, C04) - HW Hinges, Mortise Lock, Closer, Auto Door Bottom - EXTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL, 1 3/4 FRPS F STD, TYPE A	2
CORR	3'0" x 7'0" x 5-3/4 SGL FRP FRP WELDED 5 3/4 - 4" Head TYPE A (Openings C03, C04, C13, C15, C16)	2
	(Openings C13, C15) - HW Hinges, Mortise Lock - INTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL, 1 3/4 FRPS F STD, TYPE A	2
CORR	3'0" x 7'0" x 5-3/4 SGL FRP FRP WELDED 5 3/4 - 4" Head TYPE A (Openings C03, C04, C13, C15, C16)	2
	(Openings C16) - HW Hinges, Rim Exit, Closer, Auto Door Bottom - EXTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL, 1 3/4 FRPS F STD, TYPE A	1
CORR	3'0" x 7'0" x 5-3/4 SGL FRP FRP WELDED 5 3/4 - 4" Head TYPE A (Openings C03, C04, C13, C15, C16)	1
	(Openings C23) - HW Hinges, Rim Exit, Closer, Auto Door Bottom - EXTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL, 1 3/4 FRPS F STD, TYPE C (Openings C23)	1
CORR	3'0" x 7'0" x 5- 3/4 SGL FRP FRP WELDED, 2" Head (Opening C23) TYPE C FRAMES	1
	(Openings C06, C07, C14) HW Hinges, Rim Exit, Closer, Auto Door Bottom - EXTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL FRPS N STD, Narrow Lite 8" x 36" TYPE B	3
CORR	3'0" x 7'0" x 5-3/4 SGL FRP FRP WELDED 5 3/4 - 4" Head TYPE B (Openings C06, C07, C14, C17)	3
	(Openings C17) - HW Hinges, Mortise Lock, Closer, Auto Door Bottom - EXTERIOR	
CORR	3'0" x 7'0" x 1-3/4" FRP STD SGL FRPS N STD, Narrow Lite 8" x 36" TYPE B	1
CORR	3'0" x 7'0" x 5-3/4 SGL FRP FRP WELDED 5 3/4 - 4" Head TYPE B (Openings C06, C07, C14, C17)	1
	TYPE J (Openings C09, C12) - HW Hinges, Mortise Lock, FB, Closer, Auto Door Bottom - EXTERIOR	
CORR	(2) 3'2" x 7'10" x 1-3/4" FRP STD HC 1 3/4 FRPS F STD, , PAIR, Flush TYPE J (Openings C09, C122)	4
CORR	6'4" x 7'10" x 5-3/4" DBL FRP FRP WELDED 5 3/4 - 4" Head	2
	TYPE K (Openings C08) - HW Hinges, Mortise Lock, FB, Closer, Auto Door Bottom - EXTERIOR	
CORR	(2) 3'2" x 7'10" x 1-3/4" FRPS N STD, PAIR, Narrow Lite 8" x 36" TYPE K (Opening C08)	2
CORR	6'4" x 7'10" x 5-3/4" DBL FRP FRP WELDED 5 3/4 - 4" Head	1

RFP 1 Door QTY	16
RFP 1 Frame QTY	13



SUMMIT

DOORS & HARDWARE, INC.

8133 Wickson Ridge Drive

Bryan, TX 77808

979-325-8050

FRP Frames

- CHEM-PRUF, PUNCH & DIMPLE FOR EXISTING MASONRY WALLS

- **Includes FRP FRAMES @ OPENINGS B01, B02, C10, C11, C20, G01, G02**
- Opening C11 is 90M Fire Rated
- Excludes Type E Doors and Frames, - Not shown in Door Schedule Elevations

- **TYPE A, B,G Frames:** Wall Thickness: 8 IN - Frame Style: Style 4 Frame - Header Type: 4" Header - Knock Down Frame - Wall Construction Type: Concrete Wall - Jamb Width: 2" X 5 3/4" Frame Profile - Frame Material: FRP - Exterior Frame Finish: Color - Customer to Select - Color - Customer to Select - Frame Texture: Gloss Finish - Anchor Type Creteflex, # 14-10 X 4 FPH SS - Frame Punch & Dimple

- **TYPE C, D, H Frames:** Wall Thickness: 8 IN - Frame Style: Style 4 Frame - Header Type: 2" Header - Knock Down Frame - Wall Construction Type: Concrete Wall - Jamb Width: 2" X 5 3/4" Frame Profile - Frame Material: FRP - Exterior Frame Finish: Color - Customer to Select - Color - Customer to Select - Frame Texture: Gloss Finish - Anchor Type Creteflex, # 14-10 X 4 FPH SS - Frame Punch & Dimple

- **TYPE F Frame:** Wall Thickness: 8 IN - Frame Style: Style 2 Frame - Header Type: 2" Header - Knock Down Frame - Wall Construction Type: Concrete Wall - Jamb Width: 2" X 5 3/4" Frame Profile - Frame Material: FRP - Exterior Frame Finish: Color - Customer to Select - Color - Customer to Select - Frame Texture: Gloss Finish - Anchor Type Creteflex, # 14-10 X 4 FPH SS - Frame Punch & Dimple, **Includes Removable Transom**
 - o Mullion Orientation Style 4 - 2 1/4" - Mullion Assembly Removable - Transom 1 Type: FRP Panel - Transom 1 Attachment: Stainless Steel Z Clip - Transom Size: 1 76" X 21 3/4"

SUMMIT

DOORS & HARDWARE, INC.

8133 Wickson Ridge Drive

Bryan, TX 77808

979-325-8050

FRP Doors

- MFG: CHIM-PRUF
- Exterior Finish Color - Customer to Select - Exterior Texture Gloss STD F1 - Interior Finish Color - Customer to Select - Interior Texture Gloss STD F1
- Core Material: PPC Honeycomb (Polypropylene honeycomb Core) - Hardware Set Prep: Standard Hardware Set
- Openings A03 AND C02 Window Style FRP Vision Lite - Tempered Glass - Window Size 6" x 30" Window x 1/4" Thick
- Opening C11 is 90M Fire Rated
- **Includes FRP DOORS @ OPENINGS B01, B02, C10, C11, C20, G01, G02**
- Excludes Type E Doors and Frames, - Not shown in Door Schedule Elevations

Section 087100 Hardware

- DOOR HARDWARE: Per provided Hardware Sets
- **SEE HARDWARE SETS FOR PLUGERVILLE WTP For Detailed HW Set overview**
- **See Table 1 for Hardware Set Counts**
- **Includes Hardware for B01, B02, C10, C11, C20, G01, G02**

TABLE 1

HW SET	HW SET COUNT
01	3
02	1
03	1
04	3
05	1
06	5
07	3
08	1
09	7
10	2
11	1
Grand Total	28

- Excludes Card Readers, Credentials, Access Control Commissioning, Wiring, Conduit, Pulling Conduit
- Allowance for Exterior Openings missing Thresholds and Door Sweeps

Door Vision Lite Frames

- Door Vision Lite Frames figured as INCLUDED at Openings A03 and C02 Only
 - o FRP Vision Lite - Tempered Glass - Window Size 6" x 30" Window x 1/4" Thick

Installation

- Include For FRP Frames, Doors, and Associated Door Hardware

- **END OF PROJECT PRICING PROPOSAL -**

**DRYWALL SUBCONTRACTOR PROPOSAL
LASCO**



Date: 5-9-23

Contractor: PLW Waterworks

Project: Pflugerville WTP

Lasco is pleased to submit our budget for the project referenced above. Our quotation is based on the drawings by Ardurra, dated 4-5-23 and have the following inclusions, exclusions, and qualifications that follow.

Total: \$215,582.00

INCLUSIONS:

1. Metal Stud Framing per Plans.
2. Drywall and Trim per Plans.
3. Un-faced batt insulation at Metal Stud partitions per Plans.
4. Sound caulk at Drywall Partitions as per Partition Schedule.
5. Blocking in New Partitions per Plans.
6. Clean up of our trash only and deposit in an onsite dumpster furnished by others.
7. Sales Tax.

EXCLUSIONS:

1. Miscellaneous Demo Work.
2. Corner Guards and Wall Panels.
3. Installation of Doors, Frames, and Hardware.
4. Installation of Windows and Window Frames.
5. Tape/bed/texture; paint and/or wallcoverings.
6. Any miscellaneous steel angles and supports.
7. Bond Rate (Will provide if needed).





QUALIFICATIONS:

1. All work is to be performed in an asbestos free environment.
2. Sufficient water, power, lights, and heat to be provided at no cost to Lasco.
3. Trash dumpsters, trash chutes, and free egress in and out of the building is to be provided by others.
4. This bid shall be open for acceptance for 30 days and, if not accepted in writing during that period, shall be deemed withdrawn unless extended or reconfirmed by Lasco.
5. Lasco's proposal and bid, including all conditions set forth herein, shall be made part of any Subcontract to be entered into by Lasco, and in the event of a conflict between this bid and any subsequently issued subcontract documents, this bid shall control.
6. This proposal is contingent upon negotiation of mutually agreeable subcontract terms and conditions.

Thank you for considering this proposal.

Sincerely,

Ragan Forrest

- ragan@lascoadi.com



**WATERPROOFING SUBCONTRACTOR PROPOSAL
CHAMBERLING**



5/2/2023

Contractor: PLW Waterworks
Attn: Beatriz Boa Nova
Phone: (346) 386-1429
Email: bboa@plwus.com

ROOFING & SHEET METAL

- Modified Bitumen
- BUR
- EPDM
- TPO/PVC
- Metal

WATERPROOFING & CAULKING

- Joint Sealants
- Expansion Joints
- Membrane Waterproofing
- Elastomeric Coatings
- Water Repellents
- Waterblasting
- Concrete/Masonry Repair
- Dampproofing
- Flashing
- Traffic Coatings

ROOF MAINTENANCE & LEAK REPAIR

- Building Surveys
- Leak Repair
- Roof Maintenance

SAN ANTONIO LOCATION

146 Industrial Drive
 Cibolo, TX 78108
 210.822.6536 main
 210.822.8211 fax

OTHER LOCATIONS

- Dallas
- Austin
- Houston
- Oklahoma City

The parties acknowledge that some of the materials and products to be used and installed in the construction of this Project may become unavailable, delayed in shipment and/or subject to price increases due to circumstances beyond the control of the Subcontractor, including, but not limited to, the coronavirus disease ("COVID-19") pandemic. If a specified product is unavailable or shipment is delayed, Subcontractor shall provide written notice to Contractor' and shall be afforded additional time and substitute products may be considered. If there is an increase in price of materials, equipment, or products between the date of this Agreement and the time when the Project is ready of the installation of the affected material. The Contract Price shall be increased to reflect the additional cost to obtain the materials, provided that the Subcontractor gives the Contractor written notice and documentation of the increased costs.

Reference: P5I - Pflugerville WTP Expansion Project - New Membrane Building
Date of Drawings: 4/5/2023

Chamberlin Austin, LLC hereinafter referred to as Chamberlin proposes to furnish all labor, materials, equipment and insurance necessary to perform the work generally described as follows:

Scope of Work:

<p>SECTION 07191 - SILANE WATER REPELLENTS</p> <ul style="list-style-type: none"> ▶ Furnish and install 2 coats of silane water repellent to the exterior masonry and precast concrete walls on the Membrane building and Membrane Blower building. ▶ Price is based on 5,548 SF. ▶ The specification calls for 12 coats of silane water repellents. This is excluded. We will provide maximum of 2 coats of silane water repellents per manufacturer's recommendation. 	<p>\$33,835</p>
<p>SECTION 07211 - BOARD INSULATION</p> <ul style="list-style-type: none"> ▶ Furnish and install 1.5" XPS rigid foam insulation to exterior face of CMU backup walls behind 4" split-faced CMU and metal panels of Membrane building. ▶ Furnish and install 1.5" XPS rigid foam insulation to interior CMU walls of Membrane building (per Keyed Wall Type Schedule on sheet CA-1A). ▶ Furnish and install 1.5" XPS rigid foam insulation to interior ceiling of the secondary electrical room only of Membrane building (per details 3&4/ZA-4A). ▶ Price is based on 13,672 SF. ▶ Please note: Pricing EXCLUDES Z-furrings or waterproofing of the Z-furrings. ▶ Please note: Pricing EXCLUDES glass-fiber insulation or spray polyurethane foam insulation. ▶ Please note: Pricing includes Chamberlin providing our own access. ▶ Please note: Price EXCLUDES batt insulation. ▶ Please note: Price EXCLUDES gypsum board. 	<p>\$59,913</p>
<p>SECTION 07270 - AIR AND MOISTURE BARRIER</p> <ul style="list-style-type: none"> ▶ Furnish and install a fluid-applied membrane air barrier (Carlisle Fire Resist Barrithane VP) to the exterior face of 8" CMU wall behind 4" split-faced CMU and metal panels. ~7,294 SF ▶ Furnish and install a 9" membrane flashing (Carlisle 705FR) to the exterior window and door perimeters and inside and outside corners in the backup wall in areas that receive air barrier. ▶ Please note: Pricing EXCLUDES any sealant or membrane flashing at the Z-furrings by others. ▶ Please note: Pricing includes Chamberlin providing our own access. 	<p>\$70,589</p>



SECTION 07620 - SHEET METAL FLASHING AND TRIM

\$20,930

- ▶ Furnish and install 18"- 26 ga stainless steel thru-wall flashing at the base of wall in areas that receive air barrier per detail 2&5/ZA-4A.
- ▶ Please note: Pricing EXCLUDES pre-finished metal sill flashing at smooth faced CMU cap.
- ▶ Please note: Pricing EXCLUDES exterior drip head trim/flashing at heads of windows, doors, and louvers in metal wall panels.
- ▶ Please note: Pricing EXCLUDES any underlayment or high temp membranes.
- ▶ Please note: Pricing EXCLUDES metal sill pans and/or metal sill flashings.

SECTION 07920 - JOINT SEALANTS (BUILDING)

\$47,694

- ▶ Furnish and install backer rod and joint sealant to the control joints in the masonry control joints, cmu cap to precast joints, and precast concrete to precast concrete joints. (Maximum joint width of 3/8")
- ▶ Furnish and install backer rod and joint sealant in exterior door perimeters. (Maximum joint width of 3/8")
- ▶ Price includes one interior bead and one exterior bead.
- ▶ Furnish and install backer rod and joint sealant at interior cmu top of wall. (Maximum joint width of 1")
- ▶ Furnish and install backer rod and joint sealant at door perimeters in interior cmu walls.(Maximum Joint width of 3/8")
- ▶ Please note: Pricing includes Chamberlin providing our own access.
- ▶ Please note: Pricing excludes firesafing at perimeter of building and MEP penetrations through CMU.
- ▶ Please note: Pricing EXCLUDES firestop sleeves, fire wall sealant and spray and fire caulk, spray foam insulation at ceiling and walls, sika lock stop at wall base, and hydrophilic water stop around pipes.
- ▶ Please note: Pricing EXCLUDES sealants at metal sill flashings.

SECTION 07920 - JOINT SEALANTS (SITE)

\$4,263

- ▶ Furnish and install backer rod and self leveling elastomeric polyurethane sealant to the expansion joints in the concrete sidewalks and at the building to sidewalk joint at Membrane and Membrane Blower buildings.
- ▶ Expansion joints pricing based 1/2" joints. Sidewalk expansion joints prices based on 40' O.C
- ▶ Please note: Zip strips to be removed by others.
- ▶ Please note: Price EXCLUDES preformed joint fillers or compressible joint fillers.

- ▶ Pricing EXCLUDES removal of zip strips, wood fillers, fiber boards, and concrete from site sealants.

Voluntary Alternates:

* Any value engineering or cost savings suggestions/pricing by Chamberlin are to be accepted or rejected by the owner and/or the design team in writing. Chamberlin is not a design professional and as such Chamberlin's proposal does not include any design services for the project. It is expressly understood that Chamberlin is not responsible for and assumes no design responsibility for the project, including any value engineering items.

Deduction From Existing Membrane Building Scope -\$16,560

- ▶ If client were to choose to proceed with new membrane building, please deduct \$16,560 total for retrofit scopes on existing membrane building.
- ▶ Price deduction breakout:
 - ▶ -- SECTION 07191 - SILANE WATER REPELLENTS: -\$4,970
 - ▶ -- SECTION 07211 - BOARD INSULATION: -\$73
 - ▶ -- SECTION 07920 - JOINT SEALANTS (BUILDING): -\$5,623
 - ▶ -- SECTION 07920 - JOINT SEALANTS (BUILDING): -\$5,894

* We will perform the work described above, for the sum of break-out above excluding tax on materials; plus 1.5% for a P&P bond, if required.

* All break-out pricing is for reference only and shall not be considered stand alone pricing.



Additional Term & Conditions

- * See "**Exclusions**" rider.
- * This offer is good for thirty (30) days.
- * We acknowledge **Addenda** - None
- * Prices above exclude P&P Bonds, fees, overtime, liquidated damages, and permits.
- * Pricing is based on using other's fully planked (OSHA approved) scaffolding to access sheathing joints, sheet metal flashing, membrane flashing & air barrier at no cost to Chamberlin including moving of the walk boards and scaffolding components by others in order for Chamberlin to access our work in a productive fashion.
- * All colors are to be selected from the manufacturer's **standard color chart**.
- * All work to be performed during **normal business hours**.
- * This proposal is based upon execution of a mutually agreed upon contract terms and conditions between Chamberlin and the Contractor/Owner.
- * Contractor **agrees to furnish**: complete access to work areas free and clear of obstructions, dumpster, toilet facilities, potable water, and all electrical power, as required, at no additional cost to Chamberlin.
- * **All surfaces** to receive waterproofing, dampproofing, coatings, sealers, expansion joint systems, or sealants are to be provided by others to Chamberlin in a smooth, broom clean condition, free of contaminants, form oils, release agents, voids, fins & projections.
- * Unforeseen conditions or circumstances are not assumed nor anticipated in the scope of work proposed above and will be brought to the client's attention immediately upon discovery by Chamberlin personnel for a prompt resolution.
- * Chamberlin is not responsible for recognizing, locating, or removing asbestos, PCB's, or other hazardous materials.
- * Samples of products or systems presented for review are intended only to provide a general representation and not necessarily an exact replica of the products or systems to be furnished or installed. Any alternates proposed are subject and pending the owner and architect's approval.
- * For CIP programs, not withstanding anything to the contrary, the CIP deduction (contract reduction) is limited to the amount of insurance premium that will be saved by Chamberlin due to the provision of insurance by General Contractor or Owner. The CIP deduction is based on our insurance rates as classified by Chamberlin and will reflect Chamberlin receiving the same insurance coverage that is provided under the current Chamberlin insurance policies. The CIP program shall have a minimum ten (10) year term for completed operations coverage. Concerning, but not specifically limited to Excess-Umbrella coverage, on which Chamberlin has a flat fixed premium, there will be no deduct provided as there is no savings to benefit Chamberlin.
- * Copy of the contract between the owner and the general contractor as well as a copy of the bond from the general contractor to the owner shall be provided within five (5) business days of the execution of the contract between Chamberlin and the general contractor.
- * All pricing is predicated on a maximum deductible cost of \$25,000 for the owner's builders risk insurance policy.
- * All time and material work (T&M) will be completed at a rate of \$65.00/hr with 20% mark-up on materials.
- * Retainage shall be paid **60 days** after contracted work is complete & accepted in writing by owner & contractor.
- * Chamberlin's **standard warranty excludes**: failures caused by failure of the substrate, moisture vapor transmission or hydrostatic pressure, abuse, conditions that exceed the limitations of the materials, sufficiency of the design; removal and replacement of overburden materials; incidental and consequential damages.
- * This proposal is not for the sale of goods, but rather a service contract for the installation or application of products, systems or materials. Therefore, **THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED.**
- * Contractor's repair obligations during the Warranty Period are limited to the original price of the waterproofing installation. In no event shall contractor's liability exceed the original installation price of the waterproofing system, even if it is claimed or determined that the warranty provided has failed of its essential purpose.
- * **All contracts will be issued to Chamberlin Austin, LLC.**

Thank you for the opportunity to submit our proposal for this project. Chamberlin would very much like to perform both the waterproofing and caulking work along with the roofing and sheet metal for this project. In addition to having the experience, financial resources and operations team to complete the project, we know that good communication and a spirit of cooperation are necessary components for a truly successful project. At your convenience we would appreciate the time to meet and discuss our proposal. Again, thank you for this opportunity and we look forward to the possibility of working for you and with you on this project.

Sincerely,

CHAMBERLIN AUSTIN, LLC

Justin Martinez

Project Estimator

Office (210) 822-6536

Cell (210) 549-9660

justinmartinez@chamberlinltd.com

Note: This proposal is subject to the attached "**Exclusions**" rider.



"EXCLUSIONS"

- * Items not specifically mentioned above as being included are considered to be expressly excluded
- * All sealants are based on a single color choice. Additional, custom and/or multiple color selections may be subject to additional pricing for both material as well as additional labor to install.
- * Caulking of sidewalk, slab and site paving joints (not listed above) using a 2-part polyurethane sealant
(these are budget prices - actual prices depend on total footage):
 - ¾ expansion joints - \$2.25/LF
 - 1/8" - 1/4" saw-cut control joints - \$1.65/LF
- * **Removal of zip strips, wood fillers, fiber boards, and concrete from site sealants**
- * **Hot pour rubber sealant**
- * Caulk floor tile or paver joints
- * Caulk granite, marble, or other stone joints
- * Caulk in conjunction with painting, drywall or acoustical needs
- * Caulk hand-set stone joints
- * Caulk plaster joints or plaster soffit joints
- * Caulk interior frames in drywall, or elevator door frames
- * Caulk aluminum frames, windows, glass block, skylights, canopies, storefronts or metal panels
- * Caulk penetrations, thresholds, sills, sanitary, millwork or other interior finishes
- * Caulk in conjunction with roofing or sheet metal
- * **Firesafing at perimeter of building and MEP penetrations through CMU**
- * **Fire resistant sealants**
- * **Pre-molded compressible foam sealers, expandable foam sealants, secondary seals, preformed silicone sealants, compression seals or gaskets**
- * **Compressible fillers and elastomeric tubing joint fillers**
- * **Reglets, covers, keyways, waterstops or vapor barriers**
- * Blockouts
- * Parge coat on masonry walls
- * Abrasive blast cleaning; removing curing compounds and sealers
- * Mechanical cleaning of concrete
- * **Performed expansion joint fillers**
- * **Spray polyurethane foam sealants**
- * Shower pans or cementitious coverings over waterproofing systems
- * Drainage systems and components
- * Cavity wall insulation unless otherwise noted within proposal
- * **Flashings, underlayment, and membranes under sheet metal, metal panels, and copings**
- * **Pricing is based on using other's fully planked (OSHA approved) scaffolding to access sheathing joints, sheet metal flashing, membrane flashing & air barrier at no cost to Chamberlin including moving of the walk boards and scaffolding components by others in order for Chamberlin to access our work in a productive fashion.**
- * Patching of concrete - spawls, holes, fins, honeycombs, etc.
- * Sump pump
- * Protection board where drainage board or insulation is used over waterproofing membrane
- * Backfilling over waterproofing or monitoring of backfill operations
- * Stone and tile pavers
- * Waterproofing at wet interior floor area(s)
- * Glass cleaning
- * Traffic striping and traffic demarcation
- * Any costs associated with commissioning
- * Exterior finish must be in place prior to exterior envelope testing, testing shall not be done directly against air barrier system
- * **Metal sill pans and/or metal sill flashings**
- * Access to elevator shaft while caulking CMU walls is to be provided by General Contractor
- * **SECTION 07210 - BLANKET INSULATION**
- * **SECTION 07212 - SPRAYED INSULATION**

Cc: Reading File
Bid File

**BRIDGE CRANE SUBCONTRACTOR PROPOSAL
HSC**

Boa Nova Morgado Cordeiro, Beatriz

From: Andrew Everett <aeverett@hsc-lr.com>
Sent: Wednesday, May 10, 2023 12:35 PM
To: Boa Nova Morgado Cordeiro, Beatriz
Subject: Re: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sorry I've been difficult to get a hold of my uncle who I've worked with and for is in ICU not doing well so I'm in Florida with family. Here are the costs for this bridge crane system. I could not get my computer to write up a proposal but here are the costs. The 121' span caused me to have to get engineering to size the bridge girder it took a while
Bridge crane —\$243,500
Runway rail and elect. \$ 10,300.00
The installation—\$32,800.00 freight. 11,500.
I'll try calling in about an hour.
Thanks.

Get [Outlook for iOS](#)

From: Andrew Everett <aeverett@hsc-lr.com>
Sent: Tuesday, May 9, 2023 9:27:12 PM
To: Boa Nova Morgado Cordeiro, Beatriz <bboa@plwus.com>
Subject: Re: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

I will call you tomorrow

Get [Outlook for iOS](#)

From: Andrew Everett <aeverett@hsc-lr.com>
Sent: Tuesday, May 9, 2023 9:21:09 PM
To: Boa Nova Morgado Cordeiro, Beatriz <bboa@plwus.com>
Subject: Re: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

Sorry, I had to go to Florida for sick family member. I have the engineering and components together. I can give you a price via text or email but can't make formal quote until next week.

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From: Boa Nova Morgado Cordeiro, Beatriz <bboa@plwus.com>
Sent: Tuesday, May 9, 2023 6:43:35 PM
To: Andrew Everett <aeverett@hsc-lr.com>
Subject: RE: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

Hi Andrew,

Do you think you can send us the proposal by the EOD tomorrow?

Let me know.

Thank you.
Best Regards,

Beatriz Boa Nova
Project Engineer



Central Texas Regional Office
790 Generations Dr., Suite 310
New Braunfels, TX 78130
C. 346.386.1429
bboa@plwus.com | www.webber.com

From: Andrew Everett <aeverett@hsc-lr.com>
Sent: Friday, May 5, 2023 2:08 PM
To: Boa Nova Morgado Cordeiro, Beatriz <bboa@plwus.com>; Lopes Farias, Joao <jlopes@plwus.com>
Cc: Akinrinlola, Morningstar <makinrinlola@plwus.com>; Amador Arias, Rodrigo <ramador@plwus.com>
Subject: RE: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

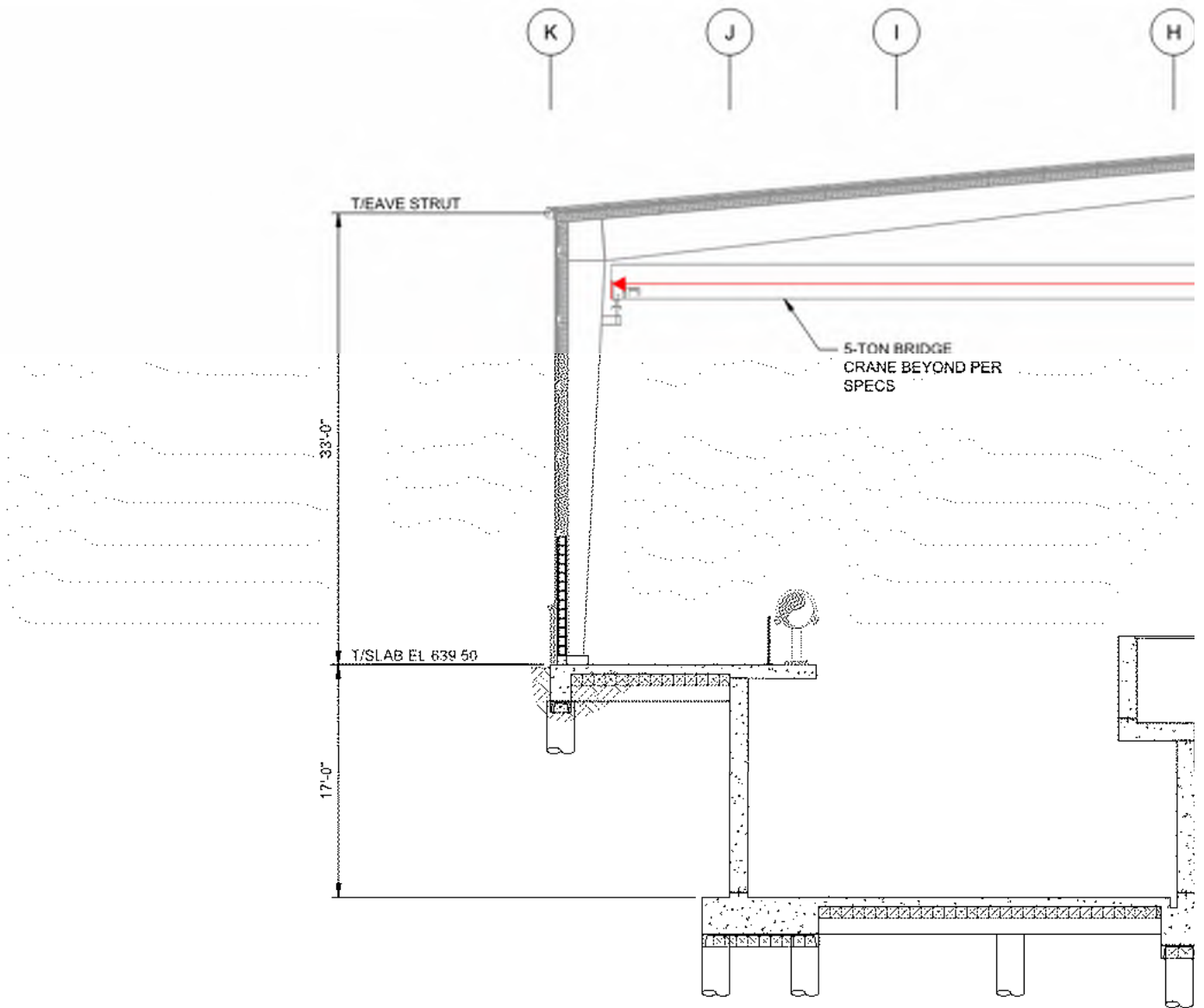
CAUTION: External email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, I figured it was 120' this helps, I will have to get engineering help to size the girder. I will get quote to you the first of the week.

From: Boa Nova Morgado Cordeiro, Beatriz <bboa@plwus.com>
Sent: Friday, May 5, 2023 2:03 PM
To: Lopes Farias, Joao <jlopes@plwus.com>; Andrew Everett <aeverett@hsc-lr.com>
Cc: Akinrinlola, Morningstar <makinrinlola@plwus.com>; Amador Arias, Rodrigo <ramador@plwus.com>
Subject: RE: P5I - Pflugerville WTP Expansion - Pflugerville WTP Cranes and Hoists

Good afternoon, Andrew.

As per drawing CS-6A the span of the bridge crane is 121'-0".



Let me know if you have any other questions.

Thank you.
Best Regards,

Beatriz Boa Nova
Project Engineer

**SHORING/TRENCH SAFETY
SYSTEMS VENDOR PROPOSAL
UNITED RENTALS**



Proposal:

Contractor:	
Project:	
Location:	
Date:	
Sales Representative:	
Branch Location:	
Plans:	United Rentals (North America), Inc. ("United Rentals" or "Company") proposes to furnish equipment ("Equipment") and engineering for a shoring system (the "System") as follows.

Shoring Proposal

Daily Rate
Weekly Rate (1 week minimum)
Monthly Rate
Total Delivery and Pickup of all Equipment
Engineering Fee

Please select one of the following options:

Sheeting Service Fee		Initial_____
Rental Protection Plan	15% of total rental contract for full duration	Initial_____

Vibratory Hammer Rental Options

HPSI 80E	Initial_____
HPSI 80E w/ Power Pack	Initial_____
HPSI 100E w/ Power Pack	Initial_____
HPSI 150L w/ Power Pack	Initial_____

Optional Equipment Or Services

Initial_____

Shoring Advisor:

Upon request United Rentals will provide an experienced Shoring Advisor on this project for . Additional days will be billed at a rate of per day. Initial_____

Vibratory Hammer Notes

- Due to the unknowns of underground conditions that exist and may impact the installation of sheets, United Rentals, Inc. will not be responsible to customer or any other party for any loss, damage, or injury caused by, resulting from or in any way connected with this equipment its operation or its use.
- Contractor shall not alter, disfigure or modify the equipment and shall see that the equipment is not subject to careless or needlessly rough usage inconsistent with the normal and intended purpose of the equipment.
- In the event of a major component failure, Contractor must notify United Rentals representative and make the failed equipment available for inspection and testing. If it is determined major component failure is not due to the result of Contractor misuse or abuse, United Rentals shall use due diligence to promptly repair or replace the failed equipment.
- United Rentals cannot control the return time of its equipment, the condition in which it is returned or the amount of time it will take to turn the equipment around to put it back out in a rent ready condition. There for we cannot guarantee that a hammer will be available at the exact time to execute this contract if it is selected. In the case that one is not available we will provide you with the name and contact of another hammer rental company that has the ability to provide a like substitute. It will be the responsibility of the customer to contract with the vendor of their choosing and negotiate the rental.
- In no event shall United Rentals be liable or responsible to Contractor or any other party for: (i) United Rental's failure to deliver the equipment as required hereunder or United Rental's failure to repair or replace non-working equipment; (ii) or any incidental, consequential, punitive or special damages.

Sheeting Service Fee & Rental Protection Plan Notes

- The Sheeting Service Fee (SHEETSERVFEE) will be 15% of the total rental of the sheeting products on contract up to the 1st month only. After the 1st month the service fee will not be applied to future invoices. The service fee covers the cleaning, handling, inspection, damage trimming, and reasonable damage loss (less than 1ft of trim per sheet).
- Estimated sheeting fee amount for this proposal calculated as follows;
- The Rental Protection Plan (RPP) option will include all items included with the sheeting service fee. In addition, will include added protection to limit your financial responsibility for accidental damage to, or theft of, all rental equipment. Please see attached flyer for specifics of RPP coverage.
- The Rental Protection Plan (RPP) is added protection to limit your financial responsibility for accidental damage to, or theft of, the rental equipment. For equipment rentals, direct commercial customers that do not want to participate in the RPP program must provide United Rentals with an approved Certificate of Insurance. Otherwise, you will be charged for RPP.
- Contractor is responsible for returning sheets in pairs if they are delivered in pairs. A re-pairing fee of \$5.00 per paired linear foot will apply to sheets that need to be re-paired/or returned as singles.

General Notes

- Does not include any other aspect of project such as, but not limited to, assembly, installation, welding or heavy equipment.
- Quote does not include taxes. All applicable taxes will apply.
- Due to site specific nature of System, Proposal is for one excavation only.
- Please consult United Rentals representative for recommended machines for shoring installation.
- United Rentals bears no responsibility or liability for any settlement, movement, or damage of any kind that may occur to existing building, structures or utilities due to shoring installation, deflection, removal, or other construction activities.
- Engineering fee will be invoiced (separate from equipment rental) at the time the sealed engineering plans are delivered. A 5 day notice is required to complete documents, if less than 5 business days is provided then a 25% surcharge will be applied.
- Price based on a 1 week minimum rental period.
- This quote expires 15 business days from proposal date above.
- Contractor is responsible for de-watering, if necessary, prior to and during installation and removal of shoring system.
- Upon equipment return, United Rentals will inspect equipment for damages and loss. We will provide an invoice once losses and damages, if any, have been assessed.
- Sheet pile length may vary +/- 2.5 ft from the specified design length. The average sheet length will meet the length required by the design.

By signing below, you are agreeing to United Rentals rental and engineering terms and conditions, which are incorporated herein by reference in their entirety and which are available upon request.

Signature of Acceptance: _____ Date: _____

Print Name: _____ Title: _____

PO Number for Equipment Rental: _____ PO Number for Engineering Fee: _____

Requested Installation Date: _____

**TRUCKING/HAUL-OFF
SUBCONTRACTOR PROPOSAL
STATEWIDE MATERIALS
TRANSPORT**



Statewide Materials Transport Ltd.
 PO Box 1080
 Manor, Texas 78653
 512-279-7625
 512-279-7629(fax)

CUSTOMER NAME	PLW Waterworks	2/2/2023	
CONTACT	Jesus Avila		
PHONE #	346-497-8011		
PROJECT NAME	Pflugerville Water Treatment Pant Renovations		
EXACT PROJECT LOCATION			
17601 Weiss lane Pflugerville, TX 78660			
DESTINATION	MATERIAL	TRAILERS	TRIAXLES
CTSA	Haul Off	\$220 /load	
Copeland Pit	Haul Off	\$175 /load + \$55/load (dump fee) Clean fill-rock & dirt	
Shumaker Pit	Haul Off	\$175 /load + \$20 /load (dump fee-clean fill)	
On-Site Hauling	Hourly	\$100 /hour	\$85 /hour
CTSA	Back Haul	\$128 /load	
QUOTED BY:	Craig Teykl		
These prices are in effect through 6-30-2023.			

**AGGREGATES VENDOR PROPOSAL
CENTRAL TEXAS STONE AND
AGGREGATE**

Quote



CENTRAL TEXAS
STONE AND AGGREGATE

Customer Name:	PLW Waterworks
Project Name:	Pflugerville WTP Expansion
Project ID Number:	
Project Location:	Pflugerville, Texas
Bid Package Description: Aggregates	
Submitted By:	Mark Staley
Date:	1/12/2023
Proposal Submitted To	
Name:	Joao Lopes Farias
e-mail:	Lopes Farias, Joao <jlopes@plwus.com>

LINE ITEM	BID ITEM NUMBER	Quarry Location	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	
1		1	Wilco Flexbase		TON	\$ 17.50	\$ -	
2		1	TxDOT Flex Base		TON	\$ 17.50	\$ -	
3		1	Commercial Base		TON	\$ 16.50	\$ -	
4		1	TxDOT MSE		TON	\$ 23.00	\$ -	
5		1	Fill Material		TON	\$ 14.00	\$ -	
6		1	Unwashed #57 (1") Rock		TON	\$ 26.00	\$ -	
7		1	Unwashed 3/8" Rock		TON	\$ 28.00	\$ -	
8		1	Unwashed Manufactured Sand		TON	\$ 22.00	\$ -	
9		2	Washed Manufactured Sand		TON	\$ 26.00	\$ -	
10		2	Washed 3/8" Rock		TON	\$ 30.00	\$ -	
11		2	Washed 1" Rock		TON	\$ 28.00	\$ -	
12		2	Washed Oversize Rock		TON	\$ 26.00	\$ -	
13		1	30" Rip Rap		TON	\$ 46.00	\$ -	
14		1	24" Rip Rap		TON	\$ 44.00	\$ -	
15		1	18" Rip		TON	\$ 42.00	\$ -	
16		1	12" Rip Rap		TON	\$ 40.00	\$ -	
17		1	3x5 Bull Rock		TON	\$ 28.00	\$ -	
18		1	4x8 Rip Rap		TON	\$ 30.00	\$ -	
All Items Reflect Delivered Pricing								
							TOTAL	\$ -

Company INFORMATION:

Company Name:	Quarry #1: 239 Pit	Quarry #2: Ronald Reagan Pit	Optional Yearly Escalation Percentage
Central Texas Stone and Aggregate	875 CR 239 Florence TX 786527	32801 Ronald Reagan Blvd Georgetown TX 78633	2022-2025 3%

Mailing Address

13111 Dessau Rd Austin Texas 78754

Federal Tax Identification Number:

26-1164233

Fuel Surcharge

If diesel fuel exceeds \$5.00/GAL the price per ton will be increased by 0.64% for each \$0.05 increase in the diesel price. This fuel charge will be determined the last Wednesday of each month and will be implemented on the 1st full week of the following month. Price of fuel will be determined by the U.S. Energy Information Administration Gasoline and Diesel Fuel Update Gulf Coast Region (PADD3) (www.eia.gov/petroleum/gasdiesel/)

Submitted By: Cole Bland
Vice President

All Prices are FOB CTSA. Seller is not responsible for delays due to weather & other production/delivery issues beyond our control. Material will be tested and approved at CTSA by owner's representative or an independent quality control lab before shipment. All risks, associated with jobsite testing, job delays, or CTSA being unable to produce a stockpile that meets the buyer's or owner's requirements will be the buyer's responsibility. Seller warrants the materials as meeting applicable quality specifications at the Seller's plant and assumes no responsibility for the materials after they leave the Seller's plant. Prices do not include any sales, use, city, state, federal, excise taxes or fuel surcharges, all of which must be paid by Purchaser, as applicable. Prices are valid for 30 days unless stated otherwise. Prices are subject to changes for changes in quantities. All invoices must be paid NET30 and any accounts with past due balances will be subject to suspension or cancellation.

Accepted By:

**DRILLED PIERS SUBCONTRACTOR
PROPOSAL
BEAIRD DRILLING**

"IT'S NOT JUST BUSINESS, ITS PERSONAL!" - SB



**MEMBRANE BUILDING
PFLUGERVILLE, TEXAS**

May 1, 2023

Beaird Drilling Services, Inc. proposes to drill the piers on the above referenced project per the following schedule:

Membrane Building

156 – 24” Piers.....35’ deep
156 Piers **BASE BID: \$ 239,000.00**

Membrane Building 2

78 – 24” Piers.....50’ deep
78 Piers **BASE BID: \$ 171,000.00**

Unit Prices

<u>Size</u>	<u>Greater Depth (Add)</u>	<u>Lesser Depth (Deduct)</u>
24”	\$20.00 L.F.	\$0.00 L.F.

NOTE: Temporary casing is included in the base bid.

Please see the following pages for terms, conditions, inclusions, and exclusions. Specifically, any ensuing contract incorporates the terms in this transmittal and those terms will supersede any existing conflict within any contract documents. Please sign and return upon receipt. Thank you for this opportunity.

Sincerely,

Steven Beaird
President

PROPOSAL SUBJECT TO BDSI RIG AVAILABILITY



**PFLUGERVILLE WTP
NEW BLOWER BLDG
PFLUGERVILLE, TEXAS**

May 12, 2023

Beaird Drilling Services, Inc. proposes to drill the piers on the above referenced project per the following schedule:

New Blower Building

12 – 24” Piers.....35’ deep
12 Piers **BASE BID: \$ 20,000.00**

NOTE: Contractor to provide access for Beaird Drilling’s rig(s) to all pier locations.
Contractor to provide for a minimum of 8 hours drilling.
Greater depth does not include additional rock drilling/penetration.

Unit Prices

<u>Size</u>	<u>Greater Depth (Add)</u>	<u>Lesser Depth (Deduct)</u>	<u>Temporary Casing</u>
24”	\$25.00 L.F.	\$0.00 L.F.	Included

This bid includes: Drilling, temporary casing and placing concrete.

This bid excludes: Additional training, certification and insurance beyond what BDSI requires, non-mutually agreed upon back-charges, purchase and pouring concrete, purchase rebar, utility locations, tying steel, enlargements at top of pier, testing, core barrel use, layout, setting dowels, probing, tie-off points, slurry drilling, vibro casing, vibro hammering, slurry materials, rock belling, belling specs that differ from BDSI specs, expedited and schedule changes, pumping, drilling under overhead obstructions, drilling through existing concrete or piers, spoil stock-piling and removal, covering of pier holes, re-cleaning pier holes after completed drilling operations and any additional permanent casing material.

Sincerely,

Steven Beaird
President

GENERAL NOTES:

- Proposal is subject to rig availability.
- Proposal pricing is good for 90 days past the original bid date. After 90 days pricing will be re-evaluated for any changes in the market.
- Contractor shall provide safe and level access for all BDSI’S personnel, equipment, and tools to all pier locations.
- Great depth add price does not include additional charge for extra rock drilling (embedment/penetration)
- Pricing is based on boring logs contained within the plans and specifications issued for bidding. If any differing site conditions to the boring logs are encountered, BDSI maintains the right to stop the work as drilling through or removing those differing site conditions is expressly excluded from BDSI’s scope of work. However, if BDSI elects to drill through or remove the differing site condition, this will be subject to additional compensation.
- Payment for drilled pier lengths shall be measured from working grade elevation to design bottom of pier elevation.
- Project schedule must be mutually agreed upon with BDSI and contractor.
- BDSI requires a minimum of 30” horizontal clearance to the center of shaft from any obstruction.
- Drilling through or removal of obstructions is expressly excluded from BDSI’s scope of work. This includes, but is not limited to, drilling through or removal of, rebar, concrete, wood, and anything not shown on the boring logs.
- Pricing excludes low overhead or limited access drilling.
- Any water required for drilling operations is to be supplied by the Contractor.
- BDSI will not for any circumstance or reason be required to work within the OSHA required distance(s) from any “HOT” or “ENERGIZED” power lines or structures. Any and all outages, line relocates, grounding, or any other measure to meet this requirement will be performed and paid for by others. BDSI’S equipment requires a minimum of 10’ clearance from all power lines unless a greater distance is required per OSHA standards.
- Work will be planned and coordinated to ensure a continuous operation. This bid does not include any waiting or standby time, multiple demobilization/remobilizations or re-scheduling efforts.
- This bid does not include the cost of any bond. BDSI will furnish a bond, if required, provided that the Contractor pays the premium.

SCOPE OF WORK INCLUDES (ONLY):

1. Drilling piers.
2. Setting pier cages.
3. Temporary Casing.
4. One full scale mobilization and demobilization of our equipment. Additional mobilizations shall be extra and shall be charged at a rate of \$6,500.00 for drilling rig and crane only. This does not include vibro-hammer, skid steer and/or other special equipment that may be being utilized to complete the job.

SCOPE OF WORK EXCLUDES (BUT NOT LIMITED TO):

1. Field engineering and surveying – this includes setting and maintaining drilled shaft centerline stakes, offsets, drilled shaft alignment/orientation stakes/hubs, and furnishing grade elevations for each drilled shaft.
2. Permanent steel casing.
3. Core barrel use.
4. Pier Caps
5. Testing
6. Layout of drilled piers
7. Covering of drilled piers
8. Pilot holes and probe holes.
9. Drilling through obstructions or differing site conditions.
10. Removal of obstructions or differing site conditions.
11. Schedule changes or expedited schedules.
12. Furnishing or setting dowels and/or anchor bolts.
13. Supplying drill rig spin off container.
14. Pumping for concrete.
15. Pumps to remove water.
16. Re-cleaning of hole after pier is drilled.
17. Spoil stockpiling and spoil removal.
18. Vibro casing and vibro hammering.
19. Tie-off points.
20. Slurry drilling and slurry materials.
21. Placing concrete.
22. Purchasing steel.
23. Non-mutually agreed upon back charges.
24. Additional training and insurance beyond what BDSI requires.
25. Forming drilled shafts above grade and/or bracing any reinforcing steel cages which protrude above grade.
26. Liquidated Damages.
27. Furnishing equipment or personnel for traffic control and dust control.
28. Repair of any damage to existing driveways, roadways, regrading, or landscaping and reseedling.

CONDITIONS:

In the event this proposal is not signed, nor a Subcontractor Agreement is executed upon the start of this subcontractor’s work, Contractor representative’s signature on BDSI’s daily drilling report will represent Contractor’s agreement to the terms and conditions of this Proposal.

HOLD HARMLESS:

BDSI agrees to be responsible for and to pay any and all judgments of any character for injury of persons or damage to property arising out of or in any manner connected with the negligent acts or omissions of BDSI, or its agents and employees, or its subcontractors or their agents and employees, except when such injury to persons or damage to property is due solely to the negligence of others. In the event that BDSI has jointly caused injury to persons or damage to property, BDSI shall be responsible for such injury or damage equal to its respective share of negligence.

PAYMENT:

1. Payments are to be submitted by the tenth day of the month following all work completed in the month prior, less retainage (if required).
2. Final payment, including all extras and retainage, is to be paid within 60 days from the date that BDSI completes its portion of the work. The final payment to BDSI is not contingent upon the Contractor receiving payment from the Owner.
3. If the work is awarded to BDSI, this proposal is incorporated into any and every contractual agreement reached between the parties and will take precedence in the event of conflict with any other contract documents.

NOTE: PLEASE EXECUTE AND RETURN ONE SIGNED COPY TO
Bids@beairddrilling.com

X

Name
Date

Beaird Drilling Services, Inc.

FIRE PROTECTION SUBCONTRACTOR PROPOSAL
AMERICAN FIRE



PROPOSAL

*Pflugerville WTP – Per RFP#2
100 East Main, Suite 500
Pflugerville, TX 78660*

5/2/2023

Prepared for:

Morningstar Akinrinlola

Webber Commercial Construction, LLC




C: 214-717-0262

maakinrinlola@plwUS.com











Safety & Risk Management First

It is of the utmost importance our customers understand that AFPG has a Safety and Risk Management First culture – we pride ourselves on being industry leaders in workplace safety. We realize that even the highest quality life safety systems and services mean nothing without a safe working environment. All our team members follow a strict set of safety standards focused on job site, vehicle, and product safety. We are committed to providing a safe and healthy work environment that focuses on continual improvement and injury elimination while complying with all relevant regulatory requirements.





Acknowledgements:

-  30% RFP#2 drawings dated 4/7/2023
-  Addendum #1 and #2
-  No new specifications were provided in the 30% drawings. AFPG has utilized the specifications from the previous proposal we submitted to prepare this proposal. AFPG has highlighted in blue the assumed requirements.

Assumptions / Acknowledgments:

-  NFPA #13, 2016 Edition as adopted by City of Pflugerville – no specifications have been provided – all materials are UL listed
-  This project is approximately 26,800 square feet of inside protected area
-  Standard working hours.
-  **AFPG has acknowledged the wage scale included in the old specifications from the original project. Fire sprinkler fitter: \$31.68 base + \$22.50 fringes**
-  **No official schedule has been provided.**
-  This will be a single-phase job – AFPG will be notified if this becomes a multi-phase project
-  Price is contingent on adequate water supply – a new flow test will be conducted upon receiving the Notice to Proceed.
 -  Due to the high hazard, AFPG is concerned about having an adequate water supply. A water flow test will need to be conducted before any NTP or contracts are issued.
-  Where sprinklers have had paint applied by any other than the sprinkler manufacturer, they must be replaced per NFPA #13, 6.2.6.2.2.
-  American Fire Protection Group, Inc. is not a Disadvantaged Business Enterprise. Furthermore, no DBE participation goals or requirements are included or inferred. Should this project involve DBE goals or requirements, please advise in writing regarding the specific nature of those goals or requirements and specifically how they impact American Fire Protection Group.

AFPG's Scope of Work for the fire sprinkler system includes:

-  Sprinkler scope of work is in the NEW membrane building only. AFPG has referred to CA-1A and CA-2A to prepare our proposal
-  **The Fire Sprinkler System will be designed for an extra hazard occupancy until further drawings can be provided**
-  Wet pipe riser to include a certified double-check backflow preventer located vertical in the main system riser – the riser will also include an alarm valve or shot gun riser, an electric bell, or water motor gong with retard chamber. Wall-mounted Knox with Knox Caps have been included.
-  **Pipe for wet pipe systems will be domestic, black, schedule 40 for all mains and branch**

lines. We made the following assumptions based on the previous specifications:

- All pipe to be domestically made.
- All pipe to be schedule 40. If schedule 10 will be accepted, we will happily provide a deductive price.
- All pipe to be powder coated red. If black pipe can be utilized, we will be happy to provide a deduct.

- 🔧 All 1" pipe will be screwed joints utilizing black #125 cast iron or #150 malleable iron
- 🔧 All 1-1/4" and larger pipe will be grooved or screwed joints
- 🔧 All fittings for pipe 2-1/2" and larger will be grooved mechanical joints
- 🔧 We will use quick response, brass, upright-type sprinkler heads for all areas with exposed ceilings
- 🔧 All hangers will be installed per NFPA#13. All thread rod and hanger rings will be cadmium plated
- 🔧 Trapeze hangers will be used for the main running parallel to bar joists
- 🔧 We have included spare sprinklers, storage box, and installation wrenches per NFPA #13, 6.2.9
- 🔧 Testing as required by NFPA #13 and City of Pflugerville, TX
- 🔧 Fees and permits for the City of Pflugerville, TX
- 🔧 Pipe Identification and valve tags per NFPA #13
- 🔧 Flushing and hydrostatic testing per NFPA #13

AFPG's Scope of Work for the fire sprinkler system excludes:

- 🔧 The only building included in our sprinkler scope is the New Membrane Building.
- 🔧 Fire alarm systems or central station monitoring (This is being provided in a separate proposal)
- 🔧 We have excluded underground dedicated fire or water lines. Work is to start inside of building. We will be happy to assist in this area, but please note that a licensed and certified fire-line contractor company must install all fire-lines per State Fire Marshal. We are not allowed to certify the work of an unlicensed contractor per SFM office.
- 🔧 Insulation, heat jacket, and/or heat tracing
- 🔧 Cost of the CAD files for development of shop drawings
- 🔧 Miscellaneous materials to reinforce structure in any manner
- 🔧 Priming, or cleaning of pipe that is scheduled to be painted - painter is responsible to protect the sprinkler heads from overspray
- 🔧 Fire extinguishers or FE cabinets. These can be furnished if requested (This is included in a separate proposal)
- 🔧 Providing electrical power to switches, or any / all electrical work

Base proposal furnished and installed FOB jobsite:

Fire Sprinkler Total (New Membrane Building only):

\$202,250.00

We assume this project is tax exempt. We have excluded all taxes.

* Please note the recent international trading issues and the past tariffs on foreign steel and aluminum imports have created a tumultuous market affecting the ability to accurately predict short- and long-term pricing. The reactions from the fire sprinkler industry vendors has been swift

and costly. As a result, AFPG will be able to hold this pricing for 30 days. This alone is a significant risk in which our business partners have agreed to share. If we need to include additional contingency monies to protect you from exposure, we should do this by joint resolution. This proposal also does not account for inflation of other unforeseen material costs.

Thank you again for your consideration of AFPG's proposal. We look forward to partnering with you as we strive to provide exceptional full-service Life Safety systems and the best customer service in the industry.

Nathan Wanderski

AFPG

Contract Sales Leader

979-551-5521

Nathan.Wanderski@afpgusa.us

SCR-G-1734091

CONTRACTOR

OWNER

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

Federal Tax ID # _____

State Tax ID # _____



BUDGETARY PROPOSAL

Fire Alarm & Emergency Alarm Systems

*Pflugerville WTP
17601 Weiss Lane
Pflugerville, Texas
5/2/2023*

Prepared for:

Morningstar Akinrinlola

Webber Commercial Construction, LLC





C: 214-717-0262

maakinrinlola@plwUS.com | plwUS.com







Safety & Risk Management First








It is of the utmost importance our customers understand that AFPG has a Safety and Risk Management First culture – we pride ourselves on being industry leaders in workplace safety. We realize that even the highest quality life safety systems and services mean nothing without a safe working environment. All our team members follow a strict set of safety standards focused on job site, vehicle, and product safety. We are committed to providing a safe and healthy work environment that focuses on continual improvement and injury elimination while complying with all relevant regulatory requirements.

Acknowledgements/ Assumptions:









-  We have proposed on this project from the plans dated and revised 4/05/2023 provided by Ardurra (RFP#2).
-  Standard working hours apply Monday – Friday 8:00 am – 5:00 pm.
-  **AFPG has acknowledged wage scale for Fire Alarm as Low Voltage \$31.52 Base + 11%5.73 Fringes.**
-  **No official Schedule has been provided.**

AFPG's Scope of Work for the Fire Alarm System and or Emergency Alarm System.

-  Design build a fully functioning automatic fire alarm system and install within NFPA 72 adopted standards.
 - Membrane Building also includes an emergency alarm system.
 - We plan to design the system to use standard weatherproof speaker strobes and a separate alert strobe for emergency notification. The speaker will produce the required tone, either fire alarm or emergency alarm, depending on the detection input from the design of the system.
-  Furnish and install (1) E3 addressable alarm control panel manufactured by Gamewell-FCI by Honeywell.
 - Control panels will need to be installed in areas that are reasonably not wet or damp. Honeywell does not make a NEMA rated FACP or Power supply enclosure.
-  Furnish and install manual fire alarm pullstation for the exits as required.
-  Furnish and install manual emergency pullstation for the exits as required.
-  Furnish and install notification devices throughout the building as required.
 - We have not included installing or designing speakers and or strobes in the basement/pit. We plan to design the notification around this basement/pit along the outside wall of the building and point toward this area.
-  Furnish and install addressable monitoring modules to supervise the fire sprinkler suppression system as required.

- Includes waterflow switches and control valves.
-  Furnish and install (1) outside electric horn/strobe for notification on detection of sprinkler waterflow.
 - Typically designed and installed just outside the riser room and above the wall mounted FDC.
-  Furnish and install addressable automatic smoke detectors in the electrical, mechanical, and storage rooms.
-  Furnish and install wire as required.
 - We have included installing the wire in general industry practices and NFPA 72 requirements.
-  Installation shall be under the supervision of NICET Level IV Certified Fire Alarm.
-  Secure required permits and submit plan review.
-  Provide as-built drawings, owner's manual, and onsite customer training.
-  Perform acceptance testing and AHJ witness testing.

GENERAL EXCLUSIONS AND CLARIFICATIONS FOR THE FIRE ALARM SYSTEM ARE AS FOLLOWS:

-  Facilitate access to property and facilities; we coordinate when the material is available to mobilize our crews.
-  Electrician to provide a dedicated 120 vac 20-amp circuit to each power supply and alarm control panel as required.
-  Painting, patching, and or fire stop is specifically excluded.
-  We have excluded any and all fire and or smoke dampers in our proposal. We did not see any on the drawings.
-  **Hazardous gas detection has not been included in our proposal. We have looked at the drawings and could not find any hazardous gas detection. In our experience, we have typically seen requirements in WTPs for toxic gas detection. We feel that chemical storage or chemical use areas be reviewed to ensure toxic gas detection will not be required.**
-  We have not included any interfacing with the BAS.
-  We have not included mass notification in our proposal.
-  **Electrical contractor to provide electrical fire alarm and emergency conduit raceways and electrical junction boxes.**
 - We have not included installing conduit raceways or electrical junction boxes for the fire alarm or emergency alarm devices.
 - The only exception to the electrical backboxes is the weatherproof notification backboxes, aka speaker and or strobes. These devices come from the manufacturer when ordered and we will provide these boxes to the electrical contractor for installation.
 - If open plenum cable is allowed, conduit raceway will only be required when installed below 7 feet from the finished floor.

- AFPG will provide shop drawings and onsite coordination with the electrical contractor.



No spare parts have been included in this proposal.



Painting, patching, and or fire stop is specifically excluded.



Owner to provide 24/7 monitoring service (AFPG can provide this service). Wireless equipment will be provided.



All security and control access have been excluded from our proposal.



Fire Watch has been excluded from our scope of work.



American Fire Protection Group, Inc. is not a Disadvantaged Business Enterprise. Furthermore, no DBE participation goals or requirements are included or inferred. Should this project involve DBE goals or requirements, please advise in writing regarding the specific nature of those goals or requirements and specifically how they impact American Fire Protection Group.



We have not included any bonds for our scope of the work, please let us know if we need to include a bond.



Tax has been excluded. Please let us know if we need to include tax on this project.

Base proposal furnished and installed FOB jobsite:

Fire Alarm & Emergency (Membrane BLD)	\$85,000.00
(12) ABC 10LBS Fire Extinguishers (Wall Mounted Only, Cabinets not included)	\$2,100.00
TOTAL	\$87,100.00

AFPG, Inc. reserves the right to purchase materials up front and invoice for stored materials. We prefer to store these materials at our fabrication sites so valuable project site space is not encumbered. If storing materials on site, we will coordinate with the customer.

Our offer is good 30 days from date on this proposal.

Thank you again for your consideration of AFPG's proposal. We look forward to partnering with you as we strive to provide exceptional full-service Life Safety systems and the best customer service in the industry.

Shawn Sanders

AFPG

SHAD Service & Contract Sales

979-530-5656

Lopes Farias, Joao

From: Akinrinlola, Morningstar
Sent: Monday, May 22, 2023 11:14 AM
To: Lopes Farias, Joao
Cc: Trujillo, Pavel; Boa Nova Morgado Cordeiro, Beatriz; Hursman, Aaron; Amador Arias, Rodrigo
Subject: RE: Pflugerville WTP - 30% Membrane Building - Fire Protection - American Fire Proposal
Attachments: RE: Pflugerville WTP Fire/Emergency Alarm; RE: Pflugerville WTP Fire/Emergency Alarm

Joao,

This is a price for fire protection for the new Membrane building based on the 30% drawings only. They are not considering any deducts with this price.

Original quote = \$168,310

Deducting the original quote from new number = $\$(289,350-168,310)=\underline{\$121,040}$ ←DELTA

Regards,

Morningstar Akinrinlola | Senior Project Engineer

C. 214-717-0262

makinrinlola@plwUS.com | plwUS.com

MISC. METALS SUPPLIER PROPOSAL
CODY BUILDERS

To:
Attn:

Cody Builders Supply
12002 N Lamar Blvd
Austin, TX 78753
Ph 512/339-9834
Fax 512/339-0165
metals@codybuilderssupply.com



CHANGE ORDER

Date: _____

CO NO.: _____

Project: _____

SUBJECT _____

REFERENCE (RFI/Dwg/Etc): _____

REQUESTED BY: _____

Information/Explanation of Change:

Pricing:

Attachments: _____

SCHEDULE IMPACT? YES NO TBD ADD SUBTRACT _____ number of _____

PREPARED BY: _____

APPROVED BY: _____

Note: Notice to proceed is considered acceptance of price quoted.

PROCESS EQUIPMENT SUPPLIER PROPOSAL
MEMCOR



June 16, 2023

James Brown
PLW Water Works

RE: Pflugerville TX: Request for Updated Budget Pricing for New Building Design

Dear Mr. Brown,

Please see the table below for the latest pricing for the MEMCOR membrane system in the new building. In May we sent through our best estimate pricing for the membrane system. To meet the timeline of that request we were not able to get all the equipment requoted and an estimate was made using PPI. We have since got all the equipment requoted and the table below has the most accurate pricing for the membrane system in the new building.

We also understand that budget is of the utmost concern to the City of Pflugerville. We included a deduct to use Sulzer rather than KSB for the permeate pumps in which there are five pumps. We have used Sulzer pumps for years on many MEMCOR plants with success and they are generally one of our preferred choice of pumps. Our understanding is the City has a preference to not use Sulzer pumps, and KSB the was the next cheapest option. The Sulzer pump meets all the site hydraulic conditions and a submittal on this pump has been given to Ardurra for approval. Our Sulzer representative is willing to meet the City and discuss any of their concerns if desired.

As discussed, maintaining equipment pricing is difficult until we issue our vendors a PO. We can confirm the price below can be held until July 31, 2023. We will work with our vendors to hold pricing through the end of August, 2023.

Thank you and please reach out to me with any questions.

Best Regards,

William Wittich
Technical Sales Manager, DuPont-MEMCOR Products
Tel.: 719-330-5578
William.wittich@dupont.com



Price Update to PLW	Initial Cost	Revised Cost (June 2023)	New Building Total Cost	Comments
Base Price	\$ 8,777,750			
Membrane Order (\$1,897,160)	\$ (1,897,160)		\$ 1,897,160	MEMCOR confirms price is unchanged since 12/22
Base Equipment Pricing	\$ 6,880,590		\$ 7,698,391	Based upon updated quotes of all equipment (June 2023)
Table A: Adders After Bid				
New strainer valves, add BW Tank	\$ 263,634	\$ 271,391		Based on recent quote
Deduct for New Gravity CIP Drain	\$ (62,390)	\$ (62,390)		
Table A Subtotal		\$ 209,001	\$ 209,001	
Table B: Adders Since Original Design				
<i>Check Valves:</i> Additive price to upgrade the CIP and Neutralizations system check valves to stainless-steel with AIS compliance.	\$ 122,000	\$ 122,000		Based on recent quote
<i>CIP Tank:</i> Additive price for larger construct on site CIP tank. As design evolved, a larger CIP tank was needed. Site space constrains required that the larger tank had to be built onsite	\$ 356,000	\$ 178,000		Deduct for not building onsite
<i>CIP Tank Immersion Heater Panel Upgrade:</i> Additive price for second CIP tank heater with control panel and including the heater starters in the control panels. With the increased volume of the CIP tank as described in Item 2, a second CIP tank heater was required. As design evolved, the heater panel starters were also shifted from the general contractor's scope to the membrane filtration system supplier's scope.	\$ 75,000	\$ 77,858		Based on recent quote



<p><u>Neutralization Tank:</u> Additive price for larger neutralization tank. As design evolved, a larger neutralization tank was needed. The overall increase in size of the neutralization tank was mitigated by the MFSS altering their neutralization sequence to include in-line neutralization of rinse water in lieu of in-tank neutralization.</p>	<p>\$ 51,120</p>	<p>\$ 116,376</p>		<p>Based on recent quote</p>
<p><u>Static Mixer:</u> Additive price for including a new static mixer to aid in the in-line neutralization process as described in Item 4.</p>	<p>\$ 31,062</p>	<p>\$ 31,062</p>		<p>Based on recent quote</p>
<p><u>Neutralization Pumps:</u> Additive price for neutralization pump with increased HP and NSF compliant. With the increase in the height of the neutralization tank, a new neutralization pump selection was required with an upsized motor.</p>	<p>\$ 42,264</p>	<p>\$ 42,264</p>		<p>Based on recent quote</p>
<p><u>CIP Pumps:</u> Additive price for upgrading the CIP pumps to accommodate the additional head added by the in-line neutralization static mixer, additional piping headloss based on design evolution and refinement and meeting the required NPSH conditions with NSF compliance.</p>	<p>\$ 247,390</p>	<p>\$ 247,390</p>		<p>Based on recent quote</p>
<p><u>Permeate Pumps:</u> Additive price for larger permeate pumps with lower speed motors. Permeate pump discharge head and net positive suction head (NPSH) conditions evolved with design after the procurement.</p>	<p>\$ 245,888</p>	<p>\$ 1,072,307</p>		<p>Adder to go with KSB pumps that meet all of the site conditions</p>
<p><u>Backwash Tank Manway:</u> Additive price for including an additional manway on the new backwash tank to conform with all other tanks within the project.</p>	<p>\$ 16,700</p>	<p>\$ 16,700</p>		<p>Based on recent quote</p>



<i>Miscellaneous Electrical:</i> Additive price for miscellaneous electrical components incorporated as a result of design evolution including a dedicated remote panel for the system control HMI, increase in size of HMI screen, custom sized cell RIO panels due to site space constraints and relocating UPS to the membrane master PLC.	\$ 96,399	\$ 106,039		Based on recent quote
Table B Subtotal	\$ 1,283,824	\$ 2,009,996	\$ 2,009,996	
Table C - New Building Revision Costs				
MEMSAP (x2): Service access platform that is used to install the racks and membranes, as well as pull them out for any routine maintenance		\$ 335,000		
Air Compressors		\$ 144,179		
Changes to Electrical/Controls for New Building		\$ 83,500		
Additional Engineering Hours for New Building		\$ 242,206		
Table C Subtotal		\$ 804,885	\$ 804,885	
Total Cost	\$ 10,262,818		\$ 12,619,433	
Value Engineering Items				
Use Sulzer permeate pumps that meet site conditions in lieu of KSB pumps			(\$461,538)	
Total Cost w/ Value Engineering			\$ 12,157,895	

**PIPE AND VALVES SUPPLIER PROPOSAL
CORE & MAIN**



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

CUSTOMER	PLW WATERWORKS LLC 3701 KIRBY DR STE 1133 HOUSTON, TX 77098	Job PFLUGERVILLE-WTP EXPANSION Membrane 30% Pflugerville, TX Engineer: ARDURRA Bid Date: 09/09/2022 02:00 pm Bid #: 2901031
	Sales Representative Greg Arentz (M) 210-379-7606 (T) 210-657-1632 (F) 210-657-2321 Greg.Arentz@coreandmain.com	Core & Main 13790 Judson Rd San Antonio, TX 78233 (T) 210-657-1632
CONTACT	Quote is per 30% plans, Final quote to be issued upon review of 100% plans	
NOTES		



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

PLW WATERWORKS LLC
Job Location: Pflugerville, TX
Engineer: ARDURRA
Bid Date: 09/09/2022 02:00 pm
Core & Main 2901031

Core & Main
 13790 Judson Rd
 San Antonio, TX 78233
Phone: 210-657-1632
Fax: 210-657-2321

Seq#	Qty	Description	Units	Price	Ext Price
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.			
		THIS PROJECT IS BEING BID IN ACCORDANCE WITH AIS REQUIREMENTS.			
10		NEW MEMBRANE BUILDING			
20		PRETREATMNT/STRAINER/MEMBRANE:			
30		48"DIPR/SS-SW FROM SETTLED			
40		WATER CHANNEL TO 5-MEMBRANES			
50		24"FEED VIA 3-STRAINERS			
60		(SHTS BM1,BM4,BM5,BM6,CP5,CM1,			
70		CM2,CM3,CM7,CM9,CM12,CI1,CI2)			
80	1	48"X5'00" PEXSRXPE DIP PCL AIS	EA	10,225.80	10,225.80
100	2	48 RESTRAINED SLV 3848 W/316SS	EA	16,949.37	33,898.74
120	240	48 HP LOK CL51 PR250 DI PIPE	FT	1,053.78	252,907.20
140	2	48 MJ 45 C153 USA	EA	21,031.73	42,063.46
150	2	48 MJ TEE C153 USA	EA	48,855.95	97,711.90
160	2	48 MJ CAP C153 USA	EA	17,953.75	35,907.50
170	1	48 MJ 90 C153 USA	EA	30,407.17	30,407.17
180	1	48X15'00" PEXSRXFL DIP PCL AIS	EA	43,687.80	43,687.80
200	2	48" MJ BFV W/GON BETWEEN PRETREAT AND MEMBRANE	EA	77,795.57	155,591.14
230	2	5' SS VALVE STEM EXTENSION	EA	568.59	1,137.18
240	2	562-S VLV BOX W/LID DOM 144946/145011/145325 16T, 24B, WATER DROP IN LID	EA	302.40	604.80
250	20	6 TJ CL50 PR350 DI PIPE (VB RISER PIPE)	FT	27.49	549.80
280		(BOLT/NUT/ACCESSORY)			
290	18	48 MEGALUG 1148DECY W/XYLAN	EA	4,293.98	77,291.64
310	1	48 316SS HEX BOLT & NUT KIT	EA	3,612.50	3,612.50
320	1	INSULATING KIT F/48" FLANGE W/GASKET	EA	1,767.95	1,767.95

*** Quoted By Others
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Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
340		MEMBRANE BUILDING			
360	100	48/30/20 SS FAB LOT: SW FEED CONNECTING IN TRENCH 5' F/WALL CONNECTING TO (3) STRAINERS THRU STRAINERS AND CONNECTING TO (6) MEMBRANE UNITS	PKG	12,500.00	1,250,000.00
420***	3	ACIPCO 2530 30 FLG RW BFV O/L NRS W/BEVEL GEAR OPERATOR TAG:GV-31101A,2A,3A@STRAINERS (SPEC 15100 2.04) - BY EQUIP.SUPPLIER	EA	QBO	QBO
470		(3)MF STRAINERS-BY EQUIP MFR			
490***	3	ACIPCO 2530 30 FLG RW BFV O/L NRS W/BEVEL GEAR OPERATOR TAG:GV-31101B,2B,3B@STRAINERS (SPEC 15100 2.04) - BY EQUIP.SUPPLIER	EA	QBO	QBO
540	2	48"FL BFV W/GON SUCTION/DISCHARGE OF MEMBRANE HEADER	EA	75,525.54	151,051.08
580	1	36"FL BFV W/GON MEMBRANE FEED LINE (SPEC 15100)	EA	34,682.00	34,682.00
620***	6	20"FL BFV W/PNEUM MOD'G TAG:BFV-31201M,2M-5M@MBR FEED (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
660***	6	20"FL BFV W/PNEUM O/C TAG:BFV-31201N,2N-5N@MBR FEED (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
710		(BOLT/NUT/ACCESSORY)			
720	7	48 316SS HEX BOLT & NUT KIT	EA	3,612.50	25,287.50
730	7	48X1/8 FLG FF EPDM GASKET	EA	257.15	1,800.05
740	3	36 316SS HEX BOLT & NUT KIT	EA	2,568.75	7,706.25
750	3	36X1/8 FLG FF EPDM GASKET	EA	127.09	381.27
760	24	30 316SS HEX BOLT & NUT KIT	EA	1,585.00	38,040.00
770	24	30X1/8 FLG FF EPDM GASKET	EA	90.20	2,164.80
780	24	20 316SS HEX BOLT & NUT KIT	EA	953.75	22,890.00
790	24	20X1/8 FLG FF EPDM GASKET	EA	39.28	942.72
800	15	4 316SS HEX BOLT & NUT KIT	EA	115.17	1,727.55
810	15	4X1/8 FLG FF EPDM GASKET	EA	5.12	76.80

*** Quoted By Others
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Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
830		(PIPE SUPPORTS)			
840	6	30"HDG FULL CIRCLE PIPE SUPPRT W/6"UNDER & FLOOR CUPS	EA	1,250.00	7,500.00
860	20	6 SCH40 GALV STL PIPE T&C	FT	90.79	1,815.80
880	5	48"HDG 360DEG SADDLE SUPPORT 6"WIDE STRAP, 3/8"THK (SHT ZM4 DET DA)	EA	2,814.29	14,071.45
920	4	48"HDG STANCHON SUPPORT 20'	EA	4,416.67	17,666.68
930	5	48 HDG CLEVIS HANGER W/BM CLMP	EA	6,250.00	31,250.00
940	2	36 HDG CLEVIS HANGER W/BM CLMP	EA	4,850.00	9,700.00
960		(3-4" AIR RELEASE ASSEMBLY)			
970	3	4 AFC 2504FF FLG RW GV OL HW AMERICAN FLOW CONTROL	EA	742.47	2,227.41
980	3	4"FL AIR/VAC VLV W/THROTTLING NO TAG; @ SW STRAINERS (SHT CM3; SPEC 15100 2.14)	EA	3,320.63	9,961.89
1010	20	4 SCH40 316SS PIPE	FT	198.34	3,966.80
1020	6	4 316SS 90 BEND	EA	316.19	1,897.14
1030	3	4 FLG BUG SCREEN SS	EA	220.00	660.00
1040	9	4 316SS COMPANION FLG	EA	474.31	4,268.79
1060		(6-PRESSURE GAUGE ASSEMBLY)			
1070	6	1X1/2 316SS BUSHING	EA	172.26	1,033.56
1080	18	1/2X3 316SS NIPPLE	EA	25.30	455.40
1090	6	1/2 316SS TEE	EA	178.83	1,072.98
1100	12	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	1,663.80
1110	6	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	2,408.82
1130		(3-TRANSMITTER ASSEMBLY ACCROSS STRAINERS)			
1140					
1150	3	1X1/2 316SS BUSHING	EA	172.26	516.78
1160	20	1/2 SCH40 316SS PIPE	FT	16.66	333.20
1170	12	1/2 316SS 90 BEND	EA	138.30	1,659.60
1180	9	1/2X3 316SS NIPPLE	EA	25.30	227.70
1190	3	1/2 316SS TEE	EA	178.83	536.49
1200	6	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	831.90
1220		TRANSMITTER-BY ELECTRICIAN			
1240		***** BID ITEM 4 *****			
1250		MEMBRANE STRAINERS:			
1260		2"/1.5"PVC-PW SUPPLY TO			
1270		3-STRAINERS & 1-WASHDOWN STA			
1280		(SHTS CM1,CM4,CM5)			
1290	140	2 PVC SCH80 PIPE SWB 20'	FT	4.34	607.60
1300	4	2 PVC S80 90 HXH 806-020	EA	7.07	28.28
1310	2	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	50.40
1320	4	2 PVC S80 UNION HXH 857-020	EA	32.54	130.16



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
1330	2	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	38.92
1340	3	2X1-1/2 PVC S80 BU SXH 837-251	EA	10.09	30.27
1350	1	2X1 PVC S80 BU SPXHUB 837-249	EA	10.09	10.09
1370	2	2 AFC 2502SS THRD RW GV OL SS BOLTS & NUTS	EA	468.49	936.98
1380	2	461-S VLV BOX W/LID DOM 10T, 15B, WATER DROP IN LID	EA	228.48	456.96
1400	1	2 WILKINS NR3 PRV PRESSURE REDUCING VALVE 2-NR3 SINGLE UNION 15-75PSI SET AT 50PSI	EA	501.34	501.34
1420	100	1-1/2 PVC SCH80 PIPE SWB 20'	FT	3.15	315.00
1430	12	1-1/2 PVC S80 90 HXH 806-015	EA	5.86	70.32
1440	3	1-1/2 PVC S80 TEE HXH 801-015	EA	20.15	60.45
1450	3	1-1/2 PVC S80 SW UNION	EA	23.99	71.97
1460	6	1-1/2 PVC S80 MALE ADP 836-015	EA	13.45	80.70
1480	3	1-1/2 T/U BALL VLV 2339-015 THREADED AND SOCKET ENDS	EA	190.77	572.31
1490***	3	1.5"SS BV W/PNEUM.O/C TAG:BV-31101A,2A,3A@STRAINER (SPEC 15100 A) -BY EQUIP.SUPPLIER	EA	QBO	QBO
1540		(1-2"RPZ BFP ASSEMBLY)			
1550	1	2X12 BRASS NIPPLE NO LEAD (I)	EA	131.51	131.51
1560	2	2 BRASS 90 NO LEAD (I)	EA	75.64	151.28
1570	2	2X36 BRASS NIPPLE NO LEAD (I)	EA	348.12	696.24
1580	2	2 BRASS UNION NO LEAD (I)	EA	117.82	235.64
1590	2	2 BRASS ST 90 NO LEAD (I)	EA	126.07	252.14
1600	2	2X3 BRASS NIPPLE NO LEAD (I)	EA	37.53	75.06
1610	1	2 WILKINS 975XL2 REDUCED NL PRESSURE BACKFLOW-NO LEAD W/BALL VALVES 2-975XL2	EA	934.67	934.67
1620	1	SAFECOVE 230D-FG 3/4-2 RPZ ENC LOSURE	EA	592.86	592.86
1640		(1-WASHDOWN STATION)			
1650	1	1 T/U BALL VLV 2339-010 THREADED AND SOCKET ENDS	EA	114.88	114.88
1660	1	1 PVC S80 MALE ADPT 836-010	EA	8.00	8.00
1670	1	1" Y1 YARD HYDRANT 3'0" BURY HYDRT	EA	291.48	291.48
1680	1	HDG HOSE RACK W/FLOOR MOUNT	EA	750.00	750.00
1690	1	3/4"X50'HVY DUTY HOSE W/NOZZLE	EA	350.00	350.00
1710		(PIPE SUPPORTS)			
1720	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
1730	5	2 316SS AS1100 STRUT CLAMP	EA	13.58	67.90
1740	9	1-1/2 316SS AS1100 STRUT CLAMP	EA	15.72	141.48
1750	4	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	771.44
1770		***** BID ITEM 4 *****			
1780		MEMBRANE STRAINERS:			
1790		1.5" PVC-SAMPLE LINE TO			
1800		TURB, PH & TEMP ANALYZERS			

*** Quoted By Others
07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
1810		(SHTS CM1,CM4,CM5,P3)			
1820	1	FB500-7-NL 2 BALL CORP STOP MXM NO LEAD	EA	333.73	333.73
1840	20	2 PVC SCH80 PIPE SWB 20'	FT	4.34	86.80
1850	1	2 PVC S80 F ADP FIPTXH 835-020	EA	25.50	25.50
1860	3	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	58.38
1870	6	2X1-1/2"SCH80 RED CPLG 829-251	EA	11.54	69.24
1890	1	2 AFC 2502SS THRD RW GV OL SS BOLTS & NUTS	EA	468.49	468.49
1900	1	562-S VLV BOX W/LID DOM 144946/145011/145325 16T, 24B, WATER DROP IN LID	EA	302.40	302.40
1920	100	1-1/2 PVC SCH80 PIPE SWB 20'	FT	3.15	315.00
1930	6	1-1/2 PVC S80 90 HXH 806-015	EA	5.86	35.16
1940	1	1-1/2 PVC S80 SW UNION	EA	23.99	23.99
1950	2	1-1/2 PVC S80 TEE HXH 801-015	EA	20.15	40.30
1970	3	1-1/2 T/U BALL VLV 2339-015 THREADED AND SOCKET ENDS	EA	190.77	572.31
1980	3	1-1/2 T/U BALL CK HXH 2229-015	EA	187.57	562.71
2000		(PIPE SUPPORTS)			
2010	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
2020	5	1-1/2 316SS AS1100 STRUT CLAMP	EA	15.72	78.60
2040		***** BID ITEM 4 *****			
2050		MEMBRANE STRAINERS/BWW LS:			
2060		3-4"DIP-BWW DRNS FROM STRAINER			
2070		TO AIR GAP AT GRADE WITH			
2080		3-8"DIP-BWW TO BWW LS WETWELL			
2090		(SHTS CM1,CM4,CM5)			
2100	3	4 AFC 2504FF FLG RW GV OL HW AMERICAN FLOW CONTROL NO TAG:@STRAINERS BWW (SPEC 15100 2.04)	EA	742.47	2,227.41
2130	3	4"X1'00" FLXFL DIP PCL AIS	EA	485.10	1,455.30
2140***	3	4"FL BALL VALVE W/PNEUM.O/C TAG:BV31101B,2B,3B@STRNRS BWW - BY EQUIP.SUPPLIER	EA	QBO	QBO
2170	3	4 FLG 90 C110 USA	EA	209.14	627.42
2180	3	4"X6'00" FLXPE DIP PCL AIS	EA	586.35	1,759.05
2200		(BOLT/NUT/ACCESSORY)			
2210	15	4 316SS HEX BOLT & NUT KIT	EA	115.17	1,727.55
2220	15	4X1/8 FLG FF EPDM GASKET	EA	5.12	76.80
2240		***** BID ITEM 4 *****			
2250		MEMBRANE/SW FEED ANALYZERS:			
2260		1.5"PVC-SAMPLE LINE TO			
2270		TURB, PH & TEMP ANAYLZERS			
2280		(SHTS CM1,CM4,CM5,P3)			
2290	20	1-1/2 PVC SCH80 PIPE SWB 20'	FT	3.15	63.00

*** Quoted By Others
07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
2300	4	1-1/2 PVC S80 90 HXH 806-015	EA	5.86	23.44
2310	1	1-1/2 PVC S80 SW UNION	EA	23.99	23.99
2320	1	1-1/2 PVC S80 TEE HXH 801-015	EA	20.15	20.15
2340	1	1-1/2 T/U BALL VLV 2339-015 THREADED AND SOCKET ENDS	EA	190.77	190.77
2350	1	1-1/2 T/U BALL CK HXH 2229-015	EA	187.57	187.57
2370		(PIPE SUPPORTS)			
2380	2	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	77.16
2390	5	1-1/2 316SS AS1100 STRUT CLAMP	EA	15.72	78.60
2410		***** BID ITEM 4 *****			
2420		BWW LS:			
2430		2" PVC-PW SUPPLY FOR WASHDOWN			
2440		STATION			
2450		(SHTS CM1, CM4, CM5)			
2460	200	2 PVC SCH80 PIPE SWB 20'	FT	4.34	868.00
2480		***** BID ITEM 4 *****			
2490		BWW LS:			
2500		CONNECT TO BWW TRENCH DRAIN			
2510	1	36X05'00" PEXSRXPE DI PCL	EA	5,391.90	5,391.90
2520	1	36 MJ WYE C110 USA	EA	54,664.00	54,664.00
2530	1	36 MJ PLUG C153 USA	EA	7,730.05	7,730.05
2550	90	36 TR FLEX PR250 DI PIPE	FT	615.48	55,393.20
2560	1	36 MJ 45 C153 USA	EA	10,466.72	10,466.72
2570	1	36X08'00" PEXSRXMJ DI PCL	EA	21,217.05	21,217.05
2590	1	36 MJ GATE VALVE W/BEVEL GEAR	EA	69,000.00	69,000.00
2600	1	5' SS VALVE STEM EXTENSION	EA	568.59	568.59
2610	1	562-S VLV BOX W/LID DOM 144946/145011/145325 16T, 24B, WATER DROP IN LID	EA	302.40	302.40
2620	5	6 TJ CL50 PR350 DI PIPE	FT	27.49	137.45
2650		(VB RISER PIPE) FUTURE CONNECTIONS AT WW			
2660	1	8X05'00" PEXSRXPE DI PCL	EA	744.75	744.75
2670	1	8 MJ CAP C153 USA	EA	138.53	138.53
2690	1	36X05'00" PEXSRXPE DI PCL	EA	5,391.90	5,391.90
2700	1	36 MJ CAP C153 USA	EA	5,791.50	5,791.50
2720		(BOLT/NUT/ACCESSORY)			
2730	9	36 MEGALUG 1136DECY W/XYLAN B&N F/DIP EBAA SEAL MJ GSKT	EA	2,164.53	19,480.77
2740	1	8 MEGALUG W/ACC F/DI 1108DECY W/XYLAN COATED T-HEAD BOLT/NUT AND EBAA-SEAL GASKET	EA	115.25	115.25
2760		2-16"DIP-BWW FROM 2-SUBM.PUMPS			
2770		TO YARD PIPE VIA 16"DIP-HEADER			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
2780		(SHTS CM1,CM4,CM5)			
2800		20'X30'CONC.WETWELL			
2810		W/METAL COVER PLATE			
2820		- BY OTHERS			
2840	2	16X8 FLG ECC RED C110 USA	EA	2,053.84	4,107.68
2850	4	16"X11'00" FLXFL DIP PCL AIS	EA	5,490.45	21,961.80
2860	2	16 FLG 45 C110 USA	EA	2,036.87	4,073.74
2870	2	16"X1'06" FLXFL DIP PCL AIS	EA	3,224.70	6,449.40
2880	2	16 FLG 45 C110 USA	EA	2,036.87	4,073.74
2890	2	16"X4'00" FLXPE DIP PCL AIS	EA	2,398.95	4,797.90
2900	2	911-17401600-000 16 FLG ADPT EPXY 17.40 OD	EA	4,486.52	8,973.04
2910	2	16 FLG 90 C110 USA	EA	4,652.87	9,305.74
2920	2	911-17401600-000 16 FLG ADPT EPXY 17.40 OD	EA	4,486.52	8,973.04
2930	2	16"X4'00" PEXFL DIP PCL AIS	EA	2,552.40	5,104.80
		W/(1)1"NPT F/GAUGE/TRANSMITTER			
2950	2	16"FL SWING CHK VLV W/W&L	EA	12,891.50	25,783.00
		TAG:CV-31211,31212@BWW PS/LS			
		(SPEC 15100 2.07)			
2980	2	16 FLG PLUG VALVE W/GEAR	EA	8,426.63	16,853.26
		TAG:PV-31211,31212@BWW PS/LS			
		(SPEC 15100 2.06)			
3020		(16"BWW FM HEADER TO YARD)			
3030	1	16 BLIND FLG DI PR USA	EA	1,068.04	1,068.04
3040	1	16"X1'06" FLXFL DIP PCL AIS	EA	3,224.70	3,224.70
3050	1	16 FLG TEE C110 USA	EA	6,025.67	6,025.67
3060	1	16"X2'06" FLXFL DIP PCL AIS	EA	3,463.20	3,463.20
3070	1	16 FLG TEE C110 USA	EA	6,025.67	6,025.67
3080	1	16"X3'00" FLXFL DIP PCL AIS	EA	3,582.45	3,582.45
3090	1	16"X2'00" FLXFL DIP PCL W/NPT	EA	3,497.40	3,497.40
		W/(1)1"NPT F/GAUGE/TRANSMITTER			
3110	1	16"X7'06" FLXFL DIP PCL AIS	EA	4,655.70	4,655.70
3120	1	16 FLG PLUG VALVE W/GEAR	EA	8,426.63	8,426.63
		TAG:PV-31213@BWW PS/LS			
		(SPEC 15100 2.06)			
3150	1	16 FLG 90 C110 USA	EA	4,652.87	4,652.87
3160	1	911-17401600-000 16 FLG ADPT EPXY 17.40 OD	EA	4,486.52	4,486.52
3170	1	16"X3'00" PEXFL DIP PCL AIS	EA	2,160.45	2,160.45
3180	1	16"X5'00" FLXPE DIP PCL AIS	EA	2,637.45	2,637.45
3200		(BOLT/NUT/ACCESSORY)			
3210	32	16 316SS HEX BOLT & NUT KIT	EA	527.50	16,880.00
3220	32	16X1/8 FLG FF EPDM GASKET	EA	28.72	919.04
3230	2	8 316SS HEX BOLT & NUT KIT	EA	202.50	405.00
3240	2	8X1/8 FLG FF EPDM GASKET	EA	11.51	23.02
3260		(PIPE SUPPORTS)			
3270		((RISER PIPE SUPPORTS))			

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07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
3280	4	316SS TANDEM RISER SUPPORT F/2-16"PIPES IN 20'WETWELL (SHTS CM4,CM5,ZM12 DET LA)	EA	15,535.72	62,142.88
3320		((UNDER SUPPORTS))			
3330	5	16 S92 STANDON SADDLE SUPPORT PIPE STAND W/4"UNDER & FLOOR CUPS	EA	519.65	2,598.25
3350	10	4 SCH40 GALV STL PIPE T&C	FT	57.61	576.10
3370	1	16"HDG 360DEG SADDLE SUPPORT 4"WIDE STRAP, 1/4"THK (SHT ZM4 DET DA)	EA	471.43	471.43
3410		(3-? "AIR RELEASE ASSEMBLY)			
3420	6	2X3 316SS NIPPLE	EA	61.83	370.98
3430	3	2 SS BALL VALVE HAMMOND 8433	EA	784.75	2,354.25
3440	3	2" 145C AIR RELEASE VALVE APCO NO TAG: @BWW LS (SPEC 15100 2.15)	EA	1,387.19	4,161.57
3470	20	2 SCH40 316SS PIPE	FT	39.62	792.40
3480	9	2 316SS 90 BEND	EA	426.55	3,838.95
3500	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
3510	10	2 316SS AS1100 STRUT CLAMP	EA	13.58	135.80
3530		(3-PRESSURE GAUGE ASSEMBLY)			
3540	3	1X1/2 316SS BUSHING	EA	172.26	516.78
3550	9	1/2X3 316SS NIPPLE	EA	25.30	227.70
3560	6	1/2 316SS TEE	EA	178.83	1,072.98
3570	6	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	831.90
3580	3	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	1,204.41
3600		TRANSMITTERS-BY ELECTRICIAN			
3620		(3-RESTRAINT OVER 16"RFCA)			
3630	12	16" GALV GUSSET PLATE	EA	243.39	2,920.68
3640	12	1" HDG HEX NUT	EA	4.34	52.08
3650	40	1 HOT DIP GALV ALL THRD ROD	FT	19.64	785.60
3670		***** BID ITEM 4 *****			
3680		YARD:			
3690		16"DIPR-BWW FM-FROM BWW LS			
3700		TO EX.BWW CLARIFIERS			
3710		(SHTS CP27,CP28,CM1,CM4,CM5)			
3720	680	16 TR FLEX PR250 DI PIPE	FT	117.28	79,750.40
3730	4	16 MJ 90 C153 USA	EA	1,341.53	5,366.12
3740	3	16 MJ 45 C153 USA	EA	1,031.39	3,094.17
3750	1	16 MJ WYE C153 USA	EA	3,457.93	3,457.93
3760	1	16 MJ CAP C153 USA	EA	557.71	557.71
3770	1	16X12 MJ TEE C153 USA	EA	1,733.88	1,733.88



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
3780	1	16X10 MJ RED C153 USA	EA	736.45	736.45
3790	1	16 MJ L/P SLV C153 USA	EA	926.82	926.82
3810	1	16 AFC 2516MM MJ RW GV OL L/A	EA	10,365.37	10,365.37
3820	1	5' SS VALVE STEM EXTENSION	EA	568.59	568.59
3830	1	562-S VLV BOX W/LID DOM 144946/145011/145325 16T, 24B, WATER DROP IN LID	EA	302.40	302.40
3840	5	6 TJ CL50 PR350 DI PIPE	FT	27.49	137.45
3860		(BOLT/NUT/ACCESSORY)			
3870	25	16 MEGALUG W/ACC F/DI 1116DECY	EA	349.57	8,739.25
3880	1	12 MEGALUG W/ACC F/DI 1112DECY W/XYLAN COATED T-HEAD BOLT/NUT	EA	208.17	208.17
3890	1	10 MEGALUG W/ACC F/DI 1110DECY W/XYLAN COATED T-HEAD	EA	163.17	163.17
3910		MEMBRANE FILTRATION			
3920		***** BID ITEM 4 *****			
3930		BLOWER BLDG/MEMBRANES:			
3940		12"/16"SS-LPA AIR SCOUR FROM			
3950		2-BLOWERS TO 5-MEMBRANE UNITS			
3960		TRANSITION TO 16"BFV'S			
3970		(SHTS CP5,CP7,CM1,CM7,CM9,CM21			
3980		CM22)			
3990	100	12"/16"316SS FAB LOT:AIR SCOUR FROM 2-BLOWERS TO 5-MEMBRANES ENDING AT 16"BFV'S;5PSI@250D F (SHTS CM1,CM7,CM9,CM21,CM22; SPEC 15066)	PKG	4,000.00	400,000.00
4050		(2)12"EXP.JNT-BY BLOWER MFR			
4060		(2)12"ISO.BFV-BY BLOWER MFR			
4070		(2)12"CHK VLV-BY BLOWER MFR			
4090***	6	16"WFR BFV F/AIR W/PNEUM.O/C TAG:BFV-31201W,2W,3W,4W,5W;@MF (SPECS 15100 2.03 B;15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4140		(BOLT/NUT/ACCESSORY)			
4150	30	16 316SS HEX BOLT & NUT KIT	EA	527.50	15,825.00
4160	30	16X1/8 FLG FF VITON GASKET	EA	292.86	8,785.80
4170	8	12 316SS HEX BOLT & NUT KIT	EA	397.50	3,180.00
4180	8	12X1/8 FLG FF VITON GASKET	EA	144.25	1,154.00
4200		(PIPE SUPPORTS)			
4210		((UNDER SUPPORTS))			
4220	12	STANDON C9216 16IN FULL CIRCLE PIPE SUPPORT FOR DI PIPE W/4"UNDER & FLOOR CUPS	EA	519.65	6,235.80
4240	100	4 SCH40 GALV STL PIPE T&C	FT	57.61	5,761.00
4260	2	12" STANDON C9212 FULL CIRCLE PIPE SUPPORT W/3"UNDER & FLOOR CUPS	EA	603.58	1,207.16

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
4280	10	3 SCH40 GALV STL PIPE T&C	FT	38.39	383.90
4300		((HORIZONTAL SUPPORTS))			
4310	18	ANV 199 HD GALV BRACKET #5 42" WIDE	EA	1,517.86	27,321.48
4320	18	ANV 137 16"HDG U-BOLT&NUTS	EA	64.29	1,157.22
4340		***** BID ITEM 4 *****			
4350		MEMBRANES:			
4360		5-16"/12"SS-CIP SUCTION			
4370		BRANCHES WITH IN/OUT 16"SUCT'N			
4380		HEADER TO 2-CIP PUMPS' SUCTION			
4390		W/CNXN TO CIP STORAGE TANK			
4400		(SHTS CM1,CM8-CM14,CM23)			
4410	100	16"SS FAB LOT:CIP IN/OUT FROM 5-MEMBRANES RISER PIPE TO 2-CIP PUMPS'SUCTION W/CNXN TO CIP STORAGE TANK;60PSI WP (SHTS CM1,CM8-CM14,CM23 SPEC 15066)	PKG	3,000.00	300,000.00
4480***	5	16"WFR BFV W/PNEUM O/C TAG:BFV-31201U,2U-5U@CIPIN/OUT (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4520***	5	16"WFR BFV W/PNEUM O/C TAG:BFV-31201V,2V-5V@CIPIN/OUT (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4560***	1	16"WFR BFV W/PNEUM O/C TAG:BFV-31419@CIP IN/OUT DRAIN (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4600***	1	16"WFR BFV W/PNEUM O/C TAG:BFV-31402@CIP TANK SUCTION (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4640***	2	16"WFR BFV W/HW TAG:BFV-31412 A/B@CIP PUMP SUC (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
4690	1	16"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP TANK (SPEC 15120 2.16 D)	EA	14,968.75	14,968.75
4720	2	12"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP SUCT'N (SPEC 15120 2.16 D)	EA	4,540.00	9,080.00
4760		(BOLT/NUT/ACCESSORY)			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
4770	50	16 316SS HEX BOLT & NUT KIT	EA	527.50	26,375.00
4780	50	16X1/8 FLG FF EPDM GASKET	EA	28.72	1,436.00
4790	10	12 316SS HEX BOLT & NUT KIT	EA	397.50	3,975.00
4800	10	12X1/8 FLG FF EPDM GASKET	EA	18.78	187.80
4820		(PIPE SUPPORTS)			
4830		((RISER SUPPORTS@CIP IN/OUT))			
4840	10	ANV 199#5 316SS KNEE BRACE	EA	1,517.86	15,178.60
4850	10	ANV 212 16"316SS PIPE CLAMP	EA	1,868.58	18,685.80
4870		((UNDERSUPPORTS))			
4880	18	STANDON C9216 16IN FULL CIRCLE PIPE SUPPORT FOR DI PIPE W/4"UNDER & FLOOR CUPS	EA	519.65	9,353.70
4900	80	4 SCH40 GALV STL PIPE T&C	FT	57.61	4,608.80
4920		(2-PRESSURE GAUGE ASSEMBLY)			
4930	2	1X1/2 316SS BUSHING	EA	172.26	344.52
4940	6	1/2X3 316SS NIPPLE	EA	25.30	151.80
4950	2	1/2 316SS TEE	EA	178.83	357.66
4960	4	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	554.60
4970	2	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	802.94
4990		(5-1"BLEED/DRAIN LINE TO SUMP)			
5000	60	1 SCH40 316SS PIPE	FT	16.66	999.60
5010	5	1 316SS UNION	EA	200.76	1,003.80
5020	10	1 316SS 90 BEND	EA	202.50	2,025.00
5040***	5	1"SS BV W/PNEUM.O/C TAG:BV-31201E,2E-5E@CIPIN/OUT (SPEC 15100 A) -BY EQUIP.SUPPLIER	EA	QBO	QBO
5090		***** BID ITEM 4 *****			
5100		MEMBRANES:			
5110		2-12"/16"SS-CIP DISCHARGE FROM			
5120		2-CIP PUMPS TO CIP TANK FILL			
5130		AND TO COMMON CIP IN/OUT			
5140		HEADER TEE			
5150		(SHTS CM1,CM5-CM14)			
5160	100	12"/16"SS FAB LOT:CIP DISCHRG FROM 2-CIP PUMPS TO CIP TANK FILL & RETURN TO IN/OUT HEADER 60PSI WP (SHTS CM1,CM8-CM14,CM22; SPEC 15066)	PKG	2,000.00	200,000.00
5230	2	12"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP SUCT'N (SPEC 15120 2.16 D)	EA	4,540.00	9,080.00



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
5270***	2	16"WFR BFV W/HW TAG:BFV-31411A,12B@CIP PUMP DS (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
5310***	2	16"WFR DUAL DISC CHECK VALVE TAG:CV-31411,12@CIP PUMP DISCH (NO SPEC FOR WFR) -BY EQUIP.SUPPLIER	EA	QBO	QBO
5350***	4	16"WFR BFV W/PNEUM O/C TAG:BFV-31414,15,17, & 18 (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
5390***	1	16"WFR BFV W/PNEUM MOD TAG:BFV-31413 (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
5440		(1)14" MAGMETER-BY ELECTRICIAN			
5460		(BOLT/NUT/ACCESSORY)			
5470	40	16 316SS HEX BOLT & NUT KIT	EA	527.50	21,100.00
5480	40	16X1/8 FLG FF EPDM GASKET	EA	28.72	1,148.80
5490	2	14 316SS HEX BOLT & NUT KIT	EA	472.50	945.00
5500	2	14X1/8 FLG FF EPDM GASKET	EA	22.93	45.86
5510	4	12 316SS HEX BOLT & NUT KIT	EA	397.50	1,590.00
5520	4	12X1/8 FLG FF EPDM GASKET	EA	18.78	75.12
5540		(PIPE SUPPORTS)			
5550		((UNDERSUPPORTS))			
5560	4	STANDON C9216 16IN FULL CIRCLE PIPE SUPPORT FOR DI PIPE W/4" UNDER & FLOOR CUPS	EA	519.65	2,078.60
5580	40	4 SCH40 GALV STL PIPE T&C	FT	57.61	2,304.40
5600		((HORIZONTAL SUPPORTS))			
5610	3	ANV 199 HD GALV BRACKET #5 42" WIDE	EA	1,517.86	4,553.58
5620	3	ANV 137 16"HDG U-BOLT&NUTS	EA	64.29	192.87
5640		(2-PRESSURE GAUGE ASSEMBLY)			
5650	2	1X1/2 316SS BUSHING	EA	172.26	344.52
5660	6	1/2X3 316SS NIPPLE	EA	25.30	151.80
5670	2	1/2 316SS TEE	EA	178.83	357.66
5680	4	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	554.60
5690	2	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	802.94
5710		(2-?"SAMPLE/DRAIN LINE)			
5720	4	1X3 316SS NIPPLE	EA	34.71	138.84
5730	2	1 SS BALL VALVE HAMMOND 8433	EA	300.99	601.98
5740	2	1 316SS THREADED CAP	EA	50.82	101.64
5760		***** BID ITEM 4 *****			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
5770		MEMBRANES/CIP PUMPS:			
5780		2-1.5"PVC-SAMPLE LINES TO			
5790		PH & TEMP ANALYZERS			
5800		(SHTS CM1,CM6-CM14,P3)			
5810	100	1-1/2 PVC SCH80 PIPE SWB 20'	FT	3.15	315.00
5820	8	1-1/2 PVC S80 90 HXH 806-015	EA	5.86	46.88
5830	2	1-1/2 PVC S80 SW UNION	EA	23.99	47.98
5840	2	1-1/2 PVC S80 TEE HXH 801-015	EA	20.15	40.30
5860	4	1-1/2 T/U BALL VLV 2339-015 THREADED AND SOCKET ENDS	EA	190.77	763.08
5870	4	1-1/2 T/U BALL CK HXH 2229-015	EA	187.57	750.28
5890		(BOLT/NUT/ACCESSORY)			
5900	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
5910	10	1-1/2 316SS AS1100 STRUT CLAMP	EA	15.72	157.20
5930		***** BID ITEM 4 *****			
5940		MEMBRANES:			
5950		16"CPVC-CIP WASTE FROM COMMON			
5960		IN/OUT HEADER TO NEU FM CNXN &			
5970		NEUTRALIZATION TANK FILL			
5980		(SHTS CM1,CM8,CM10,CM15)			
5990	80	16 SCH80 CPVC PIPE SWB 20'	FT	497.46	39,796.80
6000	4	16 CPVC S80 90 HXH	EA	6,613.33	26,453.32
6010	1	16 CPVC S80 45 HXH	EA	6,613.33	6,613.33
6020	5	16 CPVC SCH80 VANSTONE FLG SW	EA	2,246.28	11,231.40
6030	1	16 CPVC S80 TEE HXH	EA	7,266.90	7,266.90
6040	1	16X12 CPVC S80 REDUCER HXH	EA	2,423.73	2,423.73
6050	1	16"FL EPDM DBL ARCH EXP JNT	EA	10,000.00	10,000.00
		W/SS CONTROL RODS (SPEC 15051 2.01 5)			
6090***	2	16"WFR BFV W/PNEUM MOD TAG:BFV-31477, 78 (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
6140		(BOLT/NUT/ACCESSORY)			
6150	6	16 316SS HEX BOLT & NUT KIT	EA	527.50	3,165.00
6160	6	16X1/8 FLG FF EPDM GASKET	EA	28.72	172.32
6180		(PIPE SUPPORTS)			
6190		((UNDERSUPPORTS))			
6200	1	STANDON C9216 16IN FULL CIRCLE PIPE SUPPORT FOR DI PIPE W/4"UNDER & FLOOR CUPS	EA	519.65	519.65
6220	5	4 SCH40 GALV STL PIPE T&C	FT	57.61	288.05
6250		***** BID ITEM 4 *****			
6260		MEMBRANES:			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
6270		30"/16"SS-BW SUCTION FROM BW			
6280		TANK TO 2-BW PUMPS'SUCTION			
6290		(SHTS CM1,CM8-CM13)			
6300	100	30"/16"SS FAB LOT:BW SUCTION FROM BW TANK TO 2-BW PUMPS' SUCTION CIP STORAGE TANK;30PSI WP (SHTS CM1,CM8,CM11-CM13; SPEC 15066)	PKG	3,750.00	375,000.00
6370	1	30"316SS METAL BELLOWS EXP.JNT 30PSI WP;W/SS RODS;@BW TANK (SPEC 15120 2.16 D)	EA	21,000.00	21,000.00
6400	2	16"316SS METAL BELLOWS EXP.JNT 30PSI WP;W/SS RODS;@BWP SUCT'N (SPEC 15120 2.16 D)	EA	14,968.75	29,937.50
6440***	2	30"WFR BFV W/HW TAG:BFV-31311A,12A,@BWP SUCT'N (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
6490		(BOLT/NUT/ACCESSORY)			
6500	6	30 316SS HEX BOLT & NUT KIT	EA	1,585.00	9,510.00
6510	6	30X1/8 FLG FF EPDM GASKET	EA	90.20	541.20
6520	4	16 316SS HEX BOLT & NUT KIT	EA	527.50	2,110.00
6530	4	16X1/8 FLG FF EPDM GASKET	EA	28.72	114.88
6550		(PIPE SUPPORTS)			
6560		((UNDERSUPPORTS))			
6570	2	30"HDG 360DEG SADDLE SUPPORT 5"WIDE STRAP, 3/8"THK (SHT ZM4 DET DA)	EA	1,251.79	2,503.58
6610		(2-PRESSURE GAUGE ASSEMBLY)			
6620	2	1X1/2 316SS BUSHING	EA	172.26	344.52
6630	6	1/2X3 316SS NIPPLE	EA	25.30	151.80
6640	2	1/2 316SS TEE	EA	178.83	357.66
6650	4	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	554.60
6660	2	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	802.94
6680		***** BID ITEM 4 *****			
6690		MEMBRANES:			
6700		16"/24"SS-BW SUPPLY FROM 2-PMP			
6710		TO 5-24"BFV'S AT PERMEATE			
6720		EFFLUENT/SUCTION LINES			
6730		(SHTS CM1,CM5-CM14)			
6740	100	16"/24"SS FAB LOT:BW DISCHRG FROM 2-BW PUMPS TO 5-24"BFV AT PERMEATE EFFL/SUCTION LNS 80PSI WP (SHTS CM1,CM5-CM14,CM22; SPEC 15066)	PKG	9,500.00	950,000.00

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07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
6810	2	16"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP SUCT'N (SPEC 15120 2.16 D)	EA	14,968.75	29,937.50
6850***	2	24"FLG BFV W/HW TAG:BFV-31311B,12B@BWS PUMP DS (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
6890***	2	24"WFR DUAL DISC CHECK VALVE TAG:CV-31311,12@BWS PUMP DISCH (NO SPEC FOR WFR) -BY EQUIP.SUPPLIER	EA	QBO	QBO
6930***	5	24"FL BFV W/PNEUM O/C TAG:BFV-314201T,2T-5T@BWS (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
6980		(1)20" MAGMETER-BY ELECTRICIAN			
7000		(BOLT/NUT/ACCESSORY)			
7010	30	24 316SS HEX BOLT & NUT KIT	EA	1,142.50	34,275.00
7020	30	24X1/8 FLG FF EPDM GASKET	EA	53.15	1,594.50
7030	2	20 316SS HEX BOLT & NUT KIT	EA	953.75	1,907.50
7040	2	20X1/8 FLG FF EPDM GASKET	EA	39.28	78.56
7050	4	16 316SS HEX BOLT & NUT KIT	EA	527.50	2,110.00
7060	4	16X1/8 FLG FF EPDM GASKET	EA	28.72	114.88
7080		(PIPE SUPPORTS)			
7090	16	30 HDG STANCHION PIPE SPRT 20'	EA	3,326.67	53,226.72
7110		(2-PRESSURE GAUGE ASSEMBLY)			
7120	2	1X1/2 316SS BUSHING	EA	172.26	344.52
7130	6	1/2X3 316SS NIPPLE	EA	25.30	151.80
7140	2	1/2 316SS TEE	EA	178.83	357.66
7150	4	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	554.60
7160	2	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	802.94
7180		(2-?"SAMPLE/DRAIN LINE)			
7190	4	1X3 316SS NIPPLE	EA	34.71	138.84
7200	2	1 SS BALL VALVE HAMMOND 8433	EA	300.99	601.98
7210	2	1 316SS THREADED CAP	EA	50.82	101.64
7230		***** BID ITEM 4 *****			
7240		MEMBRANES:			
7250		5-30" BWW DRAIN LINE BFV'S			
7260		(SHTS CM1,CM5-CM14,CI3)			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
7270***	5	30"FL BFV W/PNEUM O/C TAG:BFV-31201P,2P-5P@BWW DRN (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
7320		(BOLT/NUT/ACCESSORY)			
7330	10	30 316SS HEX BOLT & NUT KIT	EA	1,585.00	15,850.00
7340	10	30X1/8 FLG FF EPDM GASKET	EA	90.20	902.00
7360		***** BID ITEM 4 *****			
7370		MEMBRANES:			
7380		3-1"SS-IA COMPRESSED AIR FOR			
7390		117-PNEUMATIC CONTROL VALVES			
7400		FROM 7-COMPRESSORS			
7410		(SHTS CM1,CM5-CM14)			
7420	1500	1 SCH40 316SS PIPE	FT	16.66	24,990.00
7430	400	1 316SS 90 BEND	EA	202.50	81,000.00
7440	240	1X1 316SS TEE	EA	257.02	61,684.80
7450	120	1 316SS UNION	EA	200.76	24,091.20
7470		(117)PNEUMATIC CONTROL VALVES			
7480		- BY EQUIP.SUPPLIER			
7500		(PIPE SUPPORTS)			
7510	70	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	2,700.60
7520	140	1 316SS AS1100 STRUT CLAMP	EA	14.29	2,000.60
7530	5	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	964.30
7550		(2-AIR HOSE STATIONS)			
7560	2	SS HOSE RACK W/WALL MOUNT	EA	1,000.00	2,000.00
7570		(2)3/4"X50" AIR HOSE-BY OTHERS			
7590		***** BID ITEM 4 *****			
7600		MEMBRANES:			
7610		16"/24"SS/CS-MP PERMEATE			
7620		EFFLUENT FROM 5-MEMBRANES TO			
7630		5-M.PERMEATE PUMPS'SUCTION			
7640		(SHTS CM1,CM5-CM14,CM23)			
7650	100	16"/24"SS/CS FAB LOT:MP FROM 5-MEMBRANES PIPE AT BASIN WALL TO 5-M.PERMEATE PUMPS'SUCTION 40PSI WP (SHTS CM1,CM8-CM14,CM23 SPECS 15061,15066)	PKG	4,250.00	425,000.00
7720***	5	24"FL BFV W/PNEUM O/C TAG:BFV-31201O,2O-5O@CIPIN/OUT (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
7760***	5	24"FL BFV W/PNEUM O/C TAG:BFV-31201Q,2Q-5Q@MP SUCT'N (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
7810	5	16"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP TANK (SPEC 15120 2.16 D)	EA	14,968.75	74,843.75
7850		(BOLT/NUT/ACCESSORY)			
7860	30	24 316SS HEX BOLT & NUT KIT	EA	1,142.50	34,275.00
7870	30	24X1/8 FLG FF EPDM GASKET	EA	53.15	1,594.50
7880	10	16 316SS HEX BOLT & NUT KIT	EA	527.50	5,275.00
7890	10	16X1/8 FLG FF EPDM GASKET	EA	28.72	287.20
7910		(PIPE SUPPORTS)			
7920	16	18 HDG STANCHION PIPE SPRT 20'	EA	3,158.34	50,533.44
7940		(5-PRESSURE GAUGE ASSEMBLY)			
7950	5	1X1/2 316SS BUSHING	EA	172.26	861.30
7960	10	1/2X3 316SS NIPPLE	EA	25.30	253.00
7970	6	1/2 316SS TEE	EA	178.83	1,072.98
7980	10	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	1,386.50
7990	5	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	2,007.35
8010		(5-1"BLEED/DRAIN LINE TO SUMP)			
8020	60	1 SCH40 316SS PIPE	FT	16.66	999.60
8030	5	1 316SS UNION	EA	200.76	1,003.80
8040	10	1 316SS 90 BEND	EA	202.50	2,025.00
8060***	5	1"SS BV W/PNEUM.O/C TAG:BV-31201F,2F-5F@MP (SPEC 15100 A) -BY EQUIP.SUPPLIER	EA	QBO	QBO
8110		***** BID ITEM 4 *****			
8120		MEMBRANES:			
8130		5-16"SS-MP BRANCHES TO CIP			
8140		IN/OUT HEADER FROM 5-24"MP			
8150		(SHTS CM1,CM5-CM14)			
8160	100	16"SS FAB LOT:MP TO CIP IN/OUT HEADER FROM 5-24"MP LINES 40PSI WP (SHTS CM1,CM8-CM14,CM23 SPEC 15066)	PKG	1,750.00	175,000.00
8220***	5	16"WFR BFV W/PNEUM O/C TAG:BFV-31415K,2K-5K@MP-CIP (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
8260***	5	16"WFR BFV W/PNEUM O/C TAG:BFV-31201L,2L-5L@MP-CIP (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
8310		(BOLT/NUT/ACCESSORY)			
8320	30	16 316SS HEX BOLT & NUT KIT	EA	527.50	15,825.00
8330	30	16X1/8 FLG FF EPDM GASKET	EA	28.72	861.60
8350		(PIPE SUPPORTS)			
8360		((UNDERSUPPORTS))			
8370	14	STANDON C9216 16IN FULL CIRCLE PIPE SUPPORT FOR DI PIPE W/4" UNDER & FLOOR CUPS	EA	519.65	7,275.10
8390	80	4 SCH40 GALV STL PIPE T&C	FT	57.61	4,608.80
8410		(5-2"MP RECIRC EJ.PUMPS)			
8420	100	2 PVC SCH80 PIPE SWB 20'	FT	4.34	434.00
8430	15	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	291.90
8440	10	2 PVC S80 90 HXH 806-020	EA	7.07	70.70
8460***	5	2"SS BV W/PNEUM.O/C TAG:BV-31201C,2C-5C@MP RECIRC (SPEC 15100 A) -BY EQUIP.SUPPLIER	EA	QBO	QBO
8510		(5-1"BLEED/DRAIN LINE TO SUMP)			
8520	60	1 SCH40 316SS PIPE	FT	16.66	999.60
8530	5	1 316SS UNION	EA	200.76	1,003.80
8540	10	1 316SS 90 BEND	EA	202.50	2,025.00
8560***	5	1"SS BV W/PNEUM.O/C TAG:BV-31201G,2G-5G@MP-CIP (SPEC 15100 A) -BY EQUIP.SUPPLIER	EA	QBO	QBO
8610		***** BID ITEM 4 *****			
8620		MEMBRANES/YARD:			
8630		5-20"SS-MP PERMEATE DISCHARGE			
8640		W/42"CS-MP HEADER TO EX42"DIP			
8650		W/14"CS-MP BRANCH TO CIP&BW			
8660		TANKS			
8670		(SHTS CM1,CM5-CM14,CI3)			
8680	100	18"-48" SS/CS FAB LOT:MP DISCH FROM 5-MP PUMPS TO 48" DI W/BRANCH BW & CIP TANKS 80PSI WP (SHTS CM1,CM5-CM14,CM22,CI3; SPEC 15066)	PKG	4,250.00	425,000.00
8750	5	14"316SS METAL BELLOWS EXP.JNT 60PSI WP;W/SS RODS;@CIP SUCT'N (SPEC 15120 2.16 D)	EA	5,900.00	29,500.00



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

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Seq#	Qty	Description	Units	Price	Ext Price
8790***	5	18"FLG BFV W/HW TAG:BFV-31201R,2R-5R@BWS PUMP (SPECS 15100 2,03) - BY EQUIP.SUPPLIER	EA	QBO	QBO
8830***	5	18"WFR DUAL DISC CHECK VALVE TAG:CV-31201,2-5@BWS PUMP (NO SPEC FOR WFR) -BY EQUIP.SUPPLIER	EA	QBO	QBO
8870***	5	18"FL BFV W/PNEUM O/C TAG:BFV-312201S,2S-5S@BWS (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
8920	7	18"FLG BFV W/HW TAG:BFV-31201X,2X-5X@MP HDR (SPECS 15100 2,03)	EA	6,909.10	48,363.70
8960***	1	12"FL BFV W/PNEUM O/C TAG:BFV-31301@MP BW TNK FILL (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
9000***	1	8"FL BFV W/PNEUM O/C TAG:BFV-31401@MP CIP TNK FILL (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
9050	1	8 FLG BFV W/HANDWHEEL	EA	1,690.44	1,690.44
9070		(YARD PIPE)			
9080	1	48 FLG 90 C110 DOM	EA	50,689.04	50,689.04
9090	1	48"X17"00" FLXPE DIP PCL AIS	EA	44,958.60	44,958.60
9100	1	48 MJ 90 C153 USA	EA	30,407.17	30,407.17
9110	400	48 HP LOK CL51 PR250 DI PIPE	FT	1,053.78	421,512.00
9130	2	48 MJ 90 C153 USA	EA	30,407.17	60,814.34
9140	2	48 MJ 45 C153 USA	EA	21,031.73	42,063.46
9160		(BOLT/NUT/ACCESSORY)			
9170	2	48 316SS HEX BOLT & NUT KIT	EA	3,612.50	7,225.00
9180	1	INSULATING KIT F/48" FLANGE W/GASKET	EA	1,767.95	1,767.95
9190	1	48X1/8 FLG FF EPDM GASKET	EA	257.15	257.15
9200	2	36 316SS HEX BOLT & NUT KIT	EA	2,568.75	5,137.50
9210	2	36X1/8 FLG FF EPDM GASKET	EA	127.09	254.18
9220	52	18 316SS HEX BOLT & NUT KIT	EA	762.50	39,650.00
9230	52	18X1/8 FLG FF EPDM GASKET	EA	32.49	1,689.48
9240	10	14 316SS HEX BOLT & NUT KIT	EA	472.50	4,725.00
9250	10	14X1/8 FLG FF EPDM GASKET	EA	22.93	229.30
9260	5	12 316SS HEX BOLT & NUT KIT	EA	397.50	1,987.50



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
9270	5	12X1/8 FLG FF EPDM GASKET	EA	18.78	93.90
9280	5	8 316SS HEX BOLT & NUT KIT	EA	202.50	1,012.50
9290	5	8X1/8 FLG FF EPDM GASKET	EA	11.51	57.55
9310	10	48 MEGALUG 1148DECY W/XYLAN	EA	4,293.98	42,939.80
9330		(PIPE SUPPORTS)			
9340	17	36"HDG ADJ SADDLE SUPPORT	EA	6,000.00	102,000.00
9350	100	6 SCH40 GALV STL PIPE T&C	FT	90.79	9,079.00
9360	5	18 HDG STANCHION PIPE SPRT 20'	EA	3,158.34	15,791.70
9380		(5-PRESSURE GAUGE ASSEMBLY)			
9390	5	1X1/2 316SS BUSHING	EA	172.26	861.30
9400	10	1/2X3 316SS NIPPLE	EA	25.30	253.00
9410	5	1/2 316SS TEE	EA	178.83	894.15
9420	10	1/2 SS BALL VALVE HAMMOND 8433	EA	138.65	1,386.50
9430	5	4-1/2 SS PRESSURE GAUGE 0-XXX WITH SNUBBER	EA	401.47	2,007.35
9450		(5-?\"SAMPLE/DRAIN LINE)			
9460	10	1X3 316SS NIPPLE	EA	34.71	347.10
9470	5	1 SS BALL VALVE HAMMOND 8433	EA	300.99	1,504.95
9480	5	1 316SS THREADED CAP	EA	50.82	254.10
9500		***** BID ITEM 4 *****			
9510		MEMBRANES/PERMEATE PUMPS:			
9520		6-1.5\"PVC-SAMPLE LINES TO			
9530		6-TURB ANAYLZERS			
9540		(SHTS CM1,CM6-CM14,P3)			
9550	100	1-1/2 PVC SCH80 PIPE SWB 20'	FT	3.15	315.00
9560	24	1-1/2 PVC S80 90 HXH 806-015	EA	5.86	140.64
9570	6	1-1/2 PVC S80 SW UNION	EA	23.99	143.94
9580	6	1-1/2 PVC S80 TEE HXH 801-015	EA	20.15	120.90
9600	6	1-1/2 T/U BALL VLV 2339-015 THREADED AND SOCKET ENDS	EA	190.77	1,144.62
9610	6	1-1/2 T/U BALL CK HXH 2229-015	EA	187.57	1,125.42
9630		(BOLT/NUT/ACCESSORY)			
9640	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
9650	20	1-1/2 316SS AS1100 STRUT CLAMP	EA	15.72	314.40
9670		***** BID ITEM 4 *****			
9680		MEMBRANES:			
9690		10\"PVC-NEU FROM NEUTRALIZATION			
9700		TANK TO 2-NEU PUMPS'SUCTION			
9710		(SHTS CM1,CM15-CM20)			
9720	40	10 SCH80 PVC PIPE SWB 20'	FT	55.49	2,219.60
9730	2	10 PVC S80 90 HXH 806-100	EA	2,296.74	4,593.48
9740	1	10X10 PVC S80 T HXH 801-100	EA	2,399.23	2,399.23
9750	4	10 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-100	EA	299.41	1,197.64
9760	2	10X8 PVC S80 REDUCER CPLG 829-628F	EA	242.45	484.90

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
9770	2	8 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-080	EA	110.79	221.58
9790***	1	10"WFR BFV W/PNEUM O/C TAG:BFV-31460@NEUTR TNK (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
9830***	2	8"WFR BFV W/PNEUM O/C TAG:BFV-31471A,2A@NEUTR SUCT (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
9880	1	10"FL EPDM DBL ARCH EXP JNT W/SS CONTROL RODS (SPEC 15051 2.01 5)	EA	3,859.38	3,859.38
9910	2	8"FL EPDM DBL ARCH EXP JNT W/SS CONTROL RODS (SPEC 15051 2.01 5)	EA	3,859.38	7,718.76
9950		(BOLT/NUT/ACCESSORY)			
9960	5	10 316SS HEX BOLT & NUT KIT	EA	397.50	1,987.50
9970	5	10X1/8 FLG FF VITON GASKET	EA	102.31	511.55
9980	6	8 316SS HEX BOLT & NUT KIT	EA	202.50	1,215.00
9990	6	8X1/8 FULL FACE VITON	EA	88.31	529.86
10010		(PIPE SUPPORTS)			
10020	3	10" STANDON C9210 FULL CIRCLE PIPE SUPPORT W/3"UNDER & FLOOR CUPS	EA	550.00	1,650.00
10040	10	3 SCH40 GALV STL PIPE T&C	FT	38.39	383.90
10060		(1-10"WALL/PIPE PENETRATION)			
10070	1	14 STEEL WALL SLEEVE	EA	771.25	771.25
10080	13	LINK SEAL LS-410-SS	EA	25.46	330.98
10100		***** BID ITEM 4 *****			
10110		MEMBRANES/YARD:			
10120		2-8"PVC-NEU DISCHARGE FROM			
10130		2-NEU PUMPS'DISCHARGE WITH			
10140		RECIRCULATION BRANCH TO NEU			
10150		TANK & 8"NEA BRANCH TO 12"BWW			
10160		UG & 12"NEU BRANCH TO EX.8"UG			
10170		(SHTS CM1,CM15-CM20)			
10180	2	6"FL EPDM DBL ARCH EXP JNT W/SS CONTROL RODS (SPEC 15051 2.01 5)	EA	2,911.25	5,822.50
10210	2	6 PVC S80 VANSTONE FLG SW	EA	61.42	122.84
10230	80	8 PVC SCH80 PIPE SWB	FT	37.47	2,997.60
10240	2	8X6 PVC S80 RED CPLG HXH	EA	438.82	877.64
10250	16	8 PVC S80 VANSTONE FLG SW 854-080	EA	110.79	1,772.64
10260	1	8 PVC S80 45 HXH 817-080	EA	209.81	209.81

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
10270	5	8 PVC S80 90 HXH 806-080	EA	221.96	1,109.80
10280	1	8X8 PVC S80 TEE HXH 801-080	EA	314.09	314.09
10300***	2	8"WFR BFV W/HW TAG:BFV-31471B,2B@NEUTR DISCH (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
10340***	2	8"WFR CHK VALVE TAG:BFV-31471,2@NEUTR DISCH (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
10380***	2	8"WFR BFV W/PNEUM.O/C TAG:BFV-31475,76@NEUTR DISCH (SPECS 15100 2,03,15200) - BY EQUIP.SUPPLIER	EA	QBO	QBO
10430	800	12 PVC SCH80 PIPE SWB 20'	FT	75.95	60,760.00
10440	1	16 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-160	EA	1,666.99	1,666.99
10450	1	16X12 PVC S80 REDUCER HXH 829-762F	EA	2,500.00	2,500.00
10460	5	12 PVC S80 90 HXH 806-120	EA	2,993.98	14,969.90
10470	2	12X8 PVC SCH80 TEE HXHXH	EA	3,823.73	7,647.46
10480	1	12 PVC S80 SW CAP 847-120F	EA	947.20	947.20
10500	3	12 AFC 2512MM MJ RW GV OL L/A DI BODY	EA	2,527.65	7,582.95
10510	3	5' SS VALVE STEM EXTENSION	EA	568.59	1,705.77
10520	3	562-S VLV BOX W/LID DOM 144946/145011/145325 16T, 24B, WATER DROP IN LID	EA	302.40	907.20
10530	20	6 TJ CL50 PR350 DI PIPE (VB RISER PIPE)	FT	27.49	549.80
10560	1	32" C/O PFLUGERVILLE WATERTITE SANITARY RING AND COVER	EA	575.52	575.52
10570	3	34"ID X 2" CONCRETE GRADE RING FOR 34" M/H OPENING	EA	26.50	79.50
10580	1	48"DIA.X20'CONC.DEEP MH#1 W/34"ECC.MANWAY;W/BOTTOM W/2-12"BOOTS 1-6" & 8" BOOTS (SHTS CP11,CP16;PFLUGERVILLE)	EA	4,293.30	4,293.30
10630		(BOLT/NUT/ACCESSORY)			
10640	6	12 EBAA MEGALUG W/ACC 2012PEC EBAA SEAL GSKT & 8 BOLTS/NUTS (3/4") INCLUDED, F/C900	EA	174.93	1,049.58
10650	6	12 MJXIPS PVC TRANS GASKET	EA	15.87	95.22
10670	1	16 316SS HEX BOLT & NUT KIT	EA	527.50	527.50
10680	1	16X1/8 FLG FF VITON GASKET	EA	292.86	292.86
10700		(PIPE SUPPORTS)			
10710		((UNDERSUPPORTS))			
10720	5	8" STANDON C9208 FULL CIRCLE PIPE SUPPORT W/3"UNDER & FLOOR CUPS	EA	510.72	2,553.60
10740	10	3 SCH40 GALV STL PIPE T&C	FT	38.39	383.90

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07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
10760		((HORIZONTAL SUPPORTS))			
10770	4	ANV 199 HD GALV BRACKET #5 42" WIDE	EA	1,517.86	6,071.44
10780	4	ANV 137 16"H DG U-BOLT&NUTS	EA	64.29	257.16
10800		(1-12"WALL/PIPE PENETRATION)			
10810	1	12" X 12" STEEL WALL SLEEVE	EA	1,200.00	1,200.00
10820	20	LINK SEAL LS-400-SS	EA	25.46	509.20
10840		NEU TANK VENT			
10850	5	12 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-120	EA	322.84	1,614.20
10860	2	12 PVC S80 90 HXH 806-120	EA	2,993.98	5,987.96
10870	1	12X12 PVC S80 T HXH 801-120F	EA	2,270.13	2,270.13
10880	2	12X12 SS SCREEN 16 MESH	EA	16.00	32.00
10900	3	12 316SS HEX BOLT & NUT KIT	EA	397.50	1,192.50
10910	1	12X1/8 FLG FF VITON GASKET	EA	144.25	144.25
10930		NEU OVERFLOW			
10940	1	14 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-140	EA	1,246.31	1,246.31
10950	2	14 PVC S80 90 HXH 806-120	EA	4,970.09	9,940.18
10960	20	14 PVC SCH80 PIPE SWB 20'	FT	126.59	2,531.80
10980	1	14 316SS HEX BOLT & NUT KIT	EA	472.50	472.50
10990	1	14X1/8 FLG FF VITON GASKET	EA	292.86	292.86
11010		***** BID ITEM 4 *****			
11020		MEMBRANES/CIA SYSTEM:			
11030		2"PVC-CIA FILL LINE @ BULK TNK			
11040		(SHTS CM1,CM15-CM20,C17)			
11050	1	2 DUST CAP SS KAMLOCK	EA	110.89	110.89
11060	1	2" PART "A" SS KAMLOCK	EA	64.12	64.12
11070	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
11090	2	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	499.42
11100	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
11120	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
11130	5	2 PVC S80 90 HXH 806-020	EA	7.07	35.35
11140	1	2 PVC S80 UNION HXH 857-020	EA	32.54	32.54
11150	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
11160	1	2X2 PVC S80 TEE HXH 801-020	EA	25.20	25.20
11170	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
11180	1	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
11210		(PIPE SUPPORTS)			
11220	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
11230	6	2 316SS AS1100 STRUT CLAMP	EA	13.58	81.48
11240	6	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,157.16

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
11260		***** BID ITEM 4 *****			
11270		MEMBRANES/CIA SYSTEM:			
11280		4"PVC-CIA VENT@BULK TNK			
11290		(SHTS CM1,CM15-CM20,CI7)			
11300	40	4 PVC SCH80 PIPE SWB 20'	FT	12.94	517.60
11310	4	4 PVC S80 90 HXH 806-040	EA	28.30	113.20
11320	2	4 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-040	EA	39.03	78.06
11330	1	4X4 PVC S80 TEE HXH 801-040	EA	39.66	39.66
11340	1	4X2 PVC S80 BU SPXH 837-420	EA	38.48	38.48
11350	1	4 FLG BUG SCREEN SS	EA	220.00	220.00
11370		(BOLT/NUT/ACCESSORY)			
11380	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
11390	2	4X1/8 FLG FF EPDM GASKET	EA	5.12	10.24
11410		(PIPE SUPPORTS)			
11420		((HANGING SUPPORTS))			
11430	5	ANV 260 4 GALV STL ADJ CLEVIS HGR	EA	128.15	640.75
11440	60	5/8 ALL THREAD ROD GALV	FT	4.94	296.40
11450	20	5/8 HOT DIPPED GALV HEX NUT	EA	1.67	33.40
11470		((RISER PIPE SUPPORT))			
11480	1	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	38.58
11490	1	4 316SS AS1100 STRUT CLAMP	EA	20.72	20.72
11510		***** BID ITEM 4 *****			
11520		MEMBRANES/CIA SYSTEM:			
11530		2"PVC-CIA SUCTION FROM BULK			
11540		TNK TO CIA FEED PUMPS			
11550		(SHTS CM1,CM15-CM20,CI7)			
11560	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
11570	8	2 PVC S80 90 HXH 806-020	EA	7.07	56.56
11580	3	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	75.60
11590	2	2 PVC S80 UNION HXH 857-020	EA	32.54	65.08
11600	2	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	38.92
11610	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
11620	2	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	4,250.00
11650		(1)CONTROL VALVE-BY EQUIP.SUPP			
11670	3	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	749.13
11680	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
11700		(BOLT/NUT/ACCESSORY)			
11710	6	2 316SS HEX BOLT & NUT KIT	EA	57.92	347.52
11720	6	2X1/16 FF VITON GASKET	EA	21.06	126.36
11740		(PIPE SUPPORTS)			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
11750	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
11760	10	2 316SS AS1100 STRUT CLAMP	EA	13.58	135.80
11770	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
11790		***** BID ITEM 4 *****			
11800		MEMBRANES/CIA SYSTEM:			
11810		1"PVC-CIA PUMPS VENT TO 4"PVC			
11820		TANK VENT			
11830		(SHTS CM1,CM15-CM20,CI7)			
11840	60	1 PVC SCH80 PIPE SWB 20'	FT	2.04	122.40
11850	8	1 PVC S80 90 HXH 806-010	EA	4.08	32.64
11860	2	1 PVC S80 MALE ADPT 836-010	EA	8.00	16.00
11870	1	2X1 PVC S80 BU SPXHUB 837-249	EA	10.09	10.09
11890		(PIPE SUPPORTS)			
11900	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
11910	15	1 316SS AS1100 STRUT CLAMP	EA	14.29	214.35
11920	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
11940		***** BID ITEM 4 *****			
11950		MEMBRANES/CIA SYSTEM:			
11960		3/4"PVC-CIA FROM FEED PUMPS			
11970		TO INJECTION@16"SS-CIP HEADER			
11980		(SHTS CM1,CM15-CM20,CI7)			
11990	80	3/4 PVC SCH80 PIPE SWB 20'	FT	1.42	113.60
12000	10	3/4 PVC S80 90 HXH 806-007	EA	2.54	25.40
12010	2	3/4 PVC S80 SW UNION	EA	9.23	18.46
12020	2	3/4 PVC S80 MALE ADPT 836-007	EA	4.63	9.26
12030	1	3/4 PVC S80 TEE HXH 801-007	EA	5.86	5.86
12050	3	3/4 T/U BALL VLV 2339-007 THREADED AND SOCKET ENDS	EA	96.34	289.02
12060	2	3/4 T/U BALL CHK HXH 2229-007	EA	94.03	188.06
12080		INJ.CORP&QUILL-BY OTHERS			
12100	1	317-178006-000 16X3/4IP SADDLE EPOXY W/304SS STRAPS 17.25-17.80 OD	EA	1,068.75	1,068.75
12120		(PIPE SUPPORTS)			
12130	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
12140	20	3/4 316SS AS1100 STRUT CLAMP	EA	12.15	243.00
12150	5	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	964.30
12170		***** BID ITEM 4 *****			
12180		MEMBRANES/SA SYSTEM:			
12190		2"PVC-SA FILL LINE @ BULK TNK			
12200		(SHTS CM1,CM15-CM20,CI8)			
12210	1	2 DUST CAP SS KAMLOCK	EA	110.89	110.89
12220	1	2" PART "A" SS KAMLOCK	EA	64.12	64.12
12230	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46

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07/07/2023 - 1:48 PM

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Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
12250	2	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	499.42
12260	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
12280	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
12290	5	2 PVC S80 90 HXH 806-020	EA	7.07	35.35
12300	1	2 PVC S80 UNION HXH 857-020	EA	32.54	32.54
12310	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
12320	1	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	25.20
12330	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
12340	1	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
12370		(PIPE SUPPORTS)			
12380	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
12390	6	2 316SS AS1100 STRUT CLAMP	EA	13.58	81.48
12400	6	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,157.16
12420		***** BID ITEM 4 *****			
12430		MEMBRANES/SA SYSTEM:			
12440		4" PVC-SA VENT@BULK TNK			
12450		(SHTS CM1,CM15-CM20,C18)			
12460	40	4 PVC SCH80 PIPE SWB 20'	FT	12.94	517.60
12470	4	4 PVC S80 90 HXH 806-040	EA	28.30	113.20
12480	2	4 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-040	EA	39.03	78.06
12490	1	4X4 PVC S80 TEE HXH 801-040	EA	39.66	39.66
12500	1	4X2 PVC S80 BU SPXH 837-420	EA	38.48	38.48
12520		(BOLT/NUT/ACCESSORY)			
12530	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
12540	2	4X1/8 FLG FF EPDM GASKET	EA	5.12	10.24
12560		(PIPE SUPPORTS)			
12570		((HANGING SUPPORTS))			
12580	5	ANV 260 4 GALV STL ADJ CLEVIS HGR	EA	128.15	640.75
12590	60	5/8 ALL THREAD ROD GALV	FT	4.94	296.40
12600	20	5/8 HOT DIPPED GALV HEX NUT	EA	1.67	33.40
12620		((RISER PIPE SUPPORT))			
12630	1	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	38.58
12640	1	4 316SS AS1100 STRUT CLAMP	EA	20.72	20.72
12660		***** BID ITEM 4 *****			
12670		MEMBRANES/SA SYSTEM:			
12680		2" PVC-SA SUCTION FROM BULK			
12690		TNK TO SA FEED PUMPS			
12700		(SHTS CM1,CM15-CM20,C18)			
12710	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
12720	8	2 PVC S80 90 HXH 806-020	EA	7.07	56.56
12730	3	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	75.60



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
12740	2	2 PVC S80 UNION HXH 857-020	EA	32.54	65.08
12750	2	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	38.92
12760	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
12770	2	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	4,250.00
12800		(1)CONTROL VALVE-BY EQUIP.SUPP			
12820	3	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	749.13
12830	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
12850		(BOLT/NUT/ACCESSORY)			
12860	6	2 316SS HEX BOLT & NUT KIT	EA	57.92	347.52
12870	6	2X1/16 FF VITON GASKET	EA	21.06	126.36
12890		(PIPE SUPPORTS)			
12900	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
12910	10	2 316SS AS1100 STRUT CLAMP	EA	13.58	135.80
12920	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
12940		***** BID ITEM 4 *****			
12950		MEMBRANES/SA SYSTEM:			
12960		1"PVC-SA PUMPS VENT TO 4"PVC			
12970		TANK VENT			
12980		(SHTS CM1,CM15-CM20,C18)			
12990	60	1 PVC SCH80 PIPE SWB 20'	FT	2.04	122.40
13000	8	1 PVC S80 90 HXH 806-010	EA	4.08	32.64
13010	2	1 PVC S80 MALE ADPT 836-010	EA	8.00	16.00
13020	1	2X1 PVC S80 BU SPXHUB 837-249	EA	10.09	10.09
13040		(PIPE SUPPORTS)			
13050	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
13060	15	1 316SS AS1100 STRUT CLAMP	EA	14.29	214.35
13070	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
13090		***** BID ITEM 4 *****			
13100		MEMBRANES/SA SYSTEM:			
13110		3/4"PVC-SA FROM FEED PUMPS			
13120		TO INJECTION@16"SS-CIP HEADER			
13130		(SHTS CM1,CM15-CM20,C18)			
13140	80	3/4 PVC SCH80 PIPE SWB 20'	FT	1.42	113.60
13150	10	3/4 PVC S80 90 HXH 806-007	EA	2.54	25.40
13160	2	3/4 PVC S80 SW UNION	EA	9.23	18.46
13170	2	3/4 PVC S80 MALE ADPT 836-007	EA	4.63	9.26
13180	1	3/4 PVC S80 TEE HXH 801-007	EA	5.86	5.86
13200	3	3/4 T/U BALL VLV 2339-007 THREADED AND SOCKET ENDS	EA	96.34	289.02
13210	2	3/4 T/U BALL CHK HXH 2229-007	EA	94.03	188.06
13230		INJ.CORP&QUILL-BY OTHERS			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
13250	1	317-178006-000 16X3/4IP SADDLE EPOXY W/304SS STRAPS 17.25-17.80 OD	EA	1,068.75	1,068.75
13270		(PIPE SUPPORTS)			
13280	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
13290	20	3/4 316SS AS1100 STRUT CLAMP	EA	12.15	243.00
13300	5	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	964.30
13320		***** BID ITEM 4 *****			
13330		MEMBRANES/CA SYSTEM:			
13340		2"PVC-CA FILL LINE @ BULK TNK			
13350		(SHTS CM1,CM15-CM20,CI10)			
13360	1	2 DUST CAP SS KAMLOCK	EA	110.89	110.89
13370	1	2" PART "A" SS KAMLOCK	EA	64.12	64.12
13380	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
13400	2	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	499.42
13410	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
13430	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
13440	5	2 PVC S80 90 HXH 806-020	EA	7.07	35.35
13450	1	2 PVC S80 UNION HXH 857-020	EA	32.54	32.54
13460	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
13470	1	2X2 PVC S80 TEE HXH 801-020	EA	25.20	25.20
13480	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
13490	1	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
13520		(PIPE SUPPORTS)			
13530	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
13540	6	2 316SS AS1100 STRUT CLAMP	EA	13.58	81.48
13550	6	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,157.16
13570		***** BID ITEM 4 *****			
13580		MEMBRANES/CA SYSTEM:			
13590		4"PVC-CA VENT@BULK TNK			
13600		(SHTS CM1,CM15-CM20,CI10)			
13610	40	4 PVC SCH80 PIPE SWB 20'	FT	12.94	517.60
13620	4	4 PVC S80 90 HXH 806-040	EA	28.30	113.20
13630	2	4 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-040	EA	39.03	78.06
13640	1	4X4 PVC S80 TEE HXH 801-040	EA	39.66	39.66
13650	1	4X2 PVC S80 BU SPXH 837-420	EA	38.48	38.48
13660	1	4 FLG BUG SCREEN SS	EA	220.00	220.00
13680		(BOLT/NUT/ACCESSORY)			
13690	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
13700	2	4X1/8 FLG FF EPDM GASKET	EA	5.12	10.24
13720		(PIPE SUPPORTS)			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
13730		((HANGING SUPPORTS))			
13740	5	ANV 260 4 GALV STL ADJ CLEVIS HGR	EA	128.15	640.75
13750	60	5/8 ALL THREAD ROD GALV	FT	4.94	296.40
13760	20	5/8 HOT DIPPED GALV HEX NUT	EA	1.67	33.40
13780		((RISER PIPE SUPPORT))			
13790	1	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	38.58
13800	1	4 316SS AS1100 STRUT CLAMP	EA	20.72	20.72
13820		***** BID ITEM 4 *****			
13830		MEMBRANES/CA SYSTEM:			
13840		2" PVC-CA SUCTION FROM BULK			
13850		TNK TO CA FEED PUMPS			
13860		(SHTS CM1,CM15-CM20,CI10)			
13870	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
13880	8	2 PVC S80 90 HXH 806-020	EA	7.07	56.56
13890	3	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	75.60
13900	2	2 PVC S80 UNION HXH 857-020	EA	32.54	65.08
13910	2	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	38.92
13920	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
13930	1	2" FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
13960		(1)CONTROL VALVE-BY EQUIP.SUPP			
13980	3	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	749.13
13990	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
14010		(BOLT/NUT/ACCESSORY)			
14020	6	2 316SS HEX BOLT & NUT KIT	EA	57.92	347.52
14030	6	2X1/16 FF VITON GASKET	EA	21.06	126.36
14050		(PIPE SUPPORTS)			
14060	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
14070	10	2 316SS AS1100 STRUT CLAMP	EA	13.58	135.80
14080	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
14100		***** BID ITEM 4 *****			
14110		MEMBRANES/CA SYSTEM:			
14120		1" PVC-CA PUMPS VENT TO 4" PVC			
14130		TANK VENT			
14140		(SHTS CM1,CM15-CM20,CI10)			
14150	60	1 PVC SCH80 PIPE SWB 20'	FT	2.04	122.40
14160	8	1 PVC S80 90 HXH 806-010	EA	4.08	32.64
14170	2	1 PVC S80 MALE ADPT 836-010	EA	8.00	16.00
14180	1	2X1 PVC S80 BU SPXHUB 837-249	EA	10.09	10.09
14200		(PIPE SUPPORTS)			
14210	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
14220	15	1 316SS AS1100 STRUT CLAMP	EA	14.29	214.35



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
14230	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
14250		***** BID ITEM 4 *****			
14260		MEMBRANES/CA SYSTEM:			
14270		2-.5"PVC-CA FROM FEED PUMPS			
14280		TO NEU PUMPS SUCTION & CIP HDR			
14290		(SHTS CM1,CM15-CM20,CI10)			
14300	220	1/2 PVC SCH80 PIPE SWB 20'	FT	1.05	231.00
14310	20	1/2 PVC S80 90 HXH 806-005	EA	1.98	39.60
14320	4	1/2 PVC S80 UNION HXH 857-005	EA	7.35	29.40
14330	4	1/2 PVC S80 MLE ADPT 836-005	EA	4.20	16.80
14340	2	1/2 PVC S80 TEE HXH 801-005	EA	5.59	11.18
14360	6	1/2 T/U BALL VLV 2339-005 THREADED AND SOCKET ENDS	EA	81.42	488.52
14370	4	1/2 T/U BALL CHK HXH 2229-005	EA	78.88	315.52
14390		INJ.CORP&QUILL-BY OTHERS			
14410	1	317-178006-000 16X3/4IP SADDLE EPOXY W/304SS STRAPS 17.25-17.80 OD	EA	1,068.75	1,068.75
14420	1	317-090506-000 8X3/4IP SADDLE EPOXY W/304SS STRAPS 7.69-9.05 OD	EA	188.34	188.34
14440		(PIPE SUPPORTS)			
14450	20	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	771.60
14460	40	3/4 316SS AS1100 STRUT CLAMP	EA	12.15	486.00
14470	10	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,928.60
14490		***** BID ITEM 4 *****			
14500		MEMBRANES/SBS SYSTEM:			
14510		2"PVC-SBS FILL LINE @ BULK TNK			
14520		(SHTS CM1,CM15-CM20,CI11)			
14530	1	2 DUST CAP SS KAMLOCK	EA	110.89	110.89
14540	1	2" PART "A" SS KAMLOCK	EA	64.12	64.12
14550	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
14570	2	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	499.42
14580	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
14600	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
14610	5	2 PVC S80 90 HXH 806-020	EA	7.07	35.35
14620	1	2 PVC S80 UNION HXH 857-020	EA	32.54	32.54
14630	1	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	19.46
14640	1	2X2 PVC S80 TEE HXH 801-020	EA	25.20	25.20
14650	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
14660	1	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
14690		(PIPE SUPPORTS)			
14700	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
14710	6	2 316SS AS1100 STRUT CLAMP	EA	13.58	81.48
14720	6	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,157.16
14740		***** BID ITEM 4 *****			
14750		MEMBRANES/SBS SYSTEM:			
14760		4"PVC-SBS VENT@BULK TNK			
14770		(SHTS CM1,CM15-CM20,CI11)			
14780	40	4 PVC SCH80 PIPE SWB 20'	FT	12.94	517.60
14790	4	4 PVC S80 90 HXH 806-040	EA	28.30	113.20
14800	2	4 PVC S80 VANSTONE FLG SW SOCKET W/PVC RING 854-040	EA	39.03	78.06
14810	1	4X4 PVC S80 TEE HXH 801-040	EA	39.66	39.66
14820	1	4X2 PVC S80 BU SPXH 837-420	EA	38.48	38.48
14830	1	4 FLG BUG SCREEN SS	EA	220.00	220.00
14850		(BOLT/NUT/ACCESSORY)			
14860	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
14870	2	4X1/8 FLG FF EPDM GASKET	EA	5.12	10.24
14890		(PIPE SUPPORTS)			
14900		((HANGING SUPPORTS))			
14910	5	ANV 260 4 GALV STL ADJ CLEVIS HGR	EA	128.15	640.75
14920	60	5/8 ALL THREAD ROD GALV	FT	4.94	296.40
14930	20	5/8 HOT DIPPED GALV HEX NUT	EA	1.67	33.40
14950		((RISER PIPE SUPPORT))			
14960	1	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	38.58
14970	1	4 316SS AS1100 STRUT CLAMP	EA	20.72	20.72
14990		***** BID ITEM 4 *****			
15000		MEMBRANES/SBS SYSTEM:			
15010		2"PVC-SBS SUCTION FROM BULK			
15020		TNK TO SBS FEED PUMPS			
15030		(SHTS CM1,CM15-CM20,CI11)			
15040	40	2 PVC SCH80 PIPE SWB 20'	FT	4.34	173.60
15050	8	2 PVC S80 90 HXH 806-020	EA	7.07	56.56
15060	3	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	75.60
15070	2	2 PVC S80 UNION HXH 857-020	EA	32.54	65.08
15080	2	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	38.92
15090	2	2 PVC S80 VANSTONE FLG SW	EA	18.09	36.18
15100	1	2"FL PTFE EXP.JNT W/316SS RODS (SPEC 15120 2.15 E.2)	EA	2,125.00	2,125.00
15130		(1)CONTROL VALVE-BY EQUIP.SUPP			
15150	3	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	749.13
15160	1	2" T/U BALL CHK HXH 2229-020	EA	256.09	256.09
15180		(BOLT/NUT/ACCESSORY)			
15190	6	2 316SS HEX BOLT & NUT KIT	EA	57.92	347.52
15200	6	2X1/16 FF VITON GASKET	EA	21.06	126.36

*** Quoted By Others
07/07/2023 - 1:48 PM

Actual taxes may vary



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
15220		(PIPE SUPPORTS)			
15230	5	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	192.90
15240	10	2 316SS AS1100 STRUT CLAMP	EA	13.58	135.80
15250	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
15270		***** BID ITEM 4 *****			
15280		MEMBRANES/SBS SYSTEM:			
15290		1"PVC-SBS PUMPS VENT TO 4"PVC			
15300		TANK VENT			
15310		(SHTS CM1,CM15-CM20,CI11)			
15320	60	1 PVC SCH80 PIPE SWB 20'	FT	2.04	122.40
15330	8	1 PVC S80 90 HXH 806-010	EA	4.08	32.64
15340	2	1 PVC S80 MALE ADPT 836-010	EA	8.00	16.00
15350	1	2X1 PVC S80 BU SPXHUB 837-249	EA	10.09	10.09
15370		(PIPE SUPPORTS)			
15380	10	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	385.80
15390	15	1 316SS AS1100 STRUT CLAMP	EA	14.29	214.35
15400	2	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	385.72
15420		***** BID ITEM 4 *****			
15430		MEMBRANES/SBS SYSTEM:			
15440		2-.5"PVC-SBS FROM FEED PUMPS			
15450		TO NEU PUMPS'SUCTION & 16"CIP			
15460		(SHTS CM1,CM15-CM20,CI11)			
15470	1000	1/2 PVC SCH80 PIPE SWB 20'	FT	1.05	1,050.00
15480	100	1/2 PVC S80 90 HXH 806-005	EA	1.98	198.00
15490	4	1/2 PVC S80 UNION HXH 857-005	EA	7.35	29.40
15500	4	1/2 PVC S80 MLE ADPT 836-005	EA	4.20	16.80
15510	2	1/2 PVC S80 TEE HXH 801-005	EA	5.59	11.18
15530	6	1/2 T/U BALL VLV 2339-005 THREADED AND SOCKET ENDS	EA	81.42	488.52
15540	4	1/2 T/U BALL CHK HXH 2229-005	EA	78.88	315.52
15560		INJ.CORP&QUILL-BY OTHERS			
15580	1	317-178006-000 16X3/4IP SADDLE EPOXY W/304SS STRAPS 17.25-17.80 OD	EA	1,068.75	1,068.75
15590	1	317-090506-000 8X3/4IP SADDLE EPOXY W/304SS STRAPS 7.69-9.05 OD	EA	188.34	188.34
15610		(PIPE SUPPORTS)			
15620	20	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	771.60
15630	40	3/4 316SS AS1100 STRUT CLAMP	EA	12.15	486.00
15640	10	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,928.60
15660		***** BID ITEM 4 *****			
15670		MEMBRANES/CHEM SYSTEMS:			
15680		4-2"PVC-DR SUMP DISCHARGE LNS			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
15690		AT 4-CONTAINMENT SUMPS&NEU PS			
15700		TO NEU TANK VIA 2-4"HDRS/RSRS			
15710		(SHTS CM1,CM15-CM18,CI11)			
15720	20	2 PVC SCH80 PIPE SWB 20'	FT	4.34	86.80
15730	12	2 PVC S80 90 HXH 806-020	EA	7.07	84.84
15740	3	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	75.60
15760	8	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	1,997.68
15770	4	2" T/U BALL CHK HXH 2229-020	EA	256.09	1,024.36
15790	800	4 PVC SCH80 PIPE SWB 20'	FT	12.94	10,352.00
15800	4	4X2 PVC S80 BU SPXH 837-420	EA	38.48	153.92
15810	4	4X4 PVC S80 TEE HXH 801-040	EA	39.66	158.64
15820	2	4 PVC S80 SW CAP 847-040	EA	63.13	126.26
15830	100	4 PVC S80 90 HXH 806-040	EA	28.30	2,830.00
15840	2	4 PVC S80 45 HXH 817-040	EA	76.84	153.68
15850	2	4 PVC S80 VANSTONE FLG SW	EA	39.03	78.06
15870		(BOLT/NUT/ACCESSORY)			
15880	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
15890	2	4" FF VITON GASKET	EA	46.01	92.02
15910		(PIPE SUPPORTS)			
15920	40	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	1,543.20
15930	25	4 316SS AS1100 STRUT CLAMP	EA	20.72	518.00
15940	12	2 316SS AS1100 STRUT CLAMP	EA	13.58	162.96
15950	10	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	1,928.60
15970		(4-4"PIPE/WALL PENETRATION)			
15980	40	LINK SEAL LS-400-SS	EA	25.46	1,018.40
16000		***** BID ITEM 4 *****			
16010		MEMBRANES/CHEM SYSTEMS:			
16020		4"PVC-DRN FM FROM NEU.TNK			
16030		SUMP AT CONTAINMENT TO			
16040		TOP-OF-TANK			
16050		(SHT CM16)			
16060	20	4 PVC SCH80 PIPE SWB 20'	FT	12.94	258.80
16070	3	4 PVC S80 90 HXH 806-040	EA	28.30	84.90
16080	2	4 PVC S80 VANSTONE FLG SW	EA	39.03	78.06
16100		(BOLT/NUT/ACCESSORY)			
16110	2	4 316SS HEX BOLT & NUT KIT	EA	115.17	230.34
16120	2	4" FF VITON GASKET	EA	46.01	92.02
16140		(PIPE SUPPORTS)			
16150	2	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	77.16
16160	4	4 316SS AS1100 STRUT CLAMP	EA	20.72	82.88
16180		***** BID ITEM 4 *****			



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
16190		MEMBRANES/WATER SYSTEM:			
16200		2"PVC-PW/TWR/TWS FROM 6"UG			
16210		LINE TO HEATERS&SKIDS &9-ESEWS			
16220		(SHTS CM1,CM15-CM18,CPL1)			
16230	1	317-076014-000 6X2IP SADDLE EPOXY W/304SS STRAPS 6.84-7.60 OD	EA	199.97	199.97
16240	1	FB500-7-NL 2 BALL CORP STOP MXM NO LEAD	EA	333.73	333.73
16260	1000	2 PVC SCH80 PIPE SWB 20'	FT	4.34	4,340.00
16270	200	2 PVC S80 90 HXH 806-020	EA	7.07	1,414.00
16280	20	2 PVC S80 UNION HXH 857-020	EA	32.54	650.80
16290	20	2X2 PVC S80 TEE HXHXH 801-020	EA	25.20	504.00
16300	50	2 PVC S80 MALE ADPT MIPTXH 836-020	EA	19.46	973.00
16310	2	2X3/4 PVC S80 BU SXS 837-248	EA	10.09	20.18
16320	2	2X1-1/2 PVC S80 BU SXH 837-251	EA	10.09	20.18
16340	24	2 T/U BALL VLV 2339-020 THREADED AND SOCKET ENDS	EA	249.71	5,993.04
16350	1	1-1/2 WATT 909 RED PR BKFL W/ NRS	EA	880.00	880.00
16360	1	1-1/2 WILKINS NR3 PRV PRESSURE REDUCING VALVE 112-NR3 SINGLE UNION 15-75PSI SET AT 50PSI	EA	436.00	436.00
16370	1	3/4 WATT 909 RED PRESS BKFL W/ NRS	EA	365.34	365.34
16380	1	3/4 WILKINS #70 PRV PRESSURE REDUCING VALVE 34-70 25-75PSI SET AT 50PSI-300PSI MAX INLET	EA	133.34	133.34
16400	40	1-1/4 PVC SCH80 PIPE SWB 20'	FT	2.84	113.60
16410	16	1-1/4 PVC S80 90 HXH 806-012	EA	5.46	87.36
16420	8	1-1/4 PVC S80 SW UNION 857-012	EA	21.20	169.60
16430	8	1-1/4 PVC S80 MALE ADPT HXMI 836-012	EA	9.36	74.88
16450	8	1-1/4 T/U BALL VLV 2339-012 THREADED AND SOCKET ENDS	EA	182.07	1,456.56
16460	8	1-1/4 T/U BALL CK HXH 2229-012	EA	163.32	1,306.56
16480	3	EMERGENCY SHOWER & EYEWASH F/OUTDOOR INSTALLATION (SHT ZPL2 DET.B FRZ PROOF)	EA	7,500.00	22,500.00
16510	6	EMERGENCY SHOWER & EYEWASH F/INDOOR INSTALLATION (SHT ZPL2 DET.A)	EA	5,000.00	30,000.00
16550		(PIPE SUPPORTS)			
16560	500	1-5/8 316SS AS200EH 12GA STRUT	FT	38.58	19,290.00
16570	250	2 316SS AS1100 STRUT CLAMP	EA	13.58	3,395.00
16580	50	ANV AS3013 1-5/8"SS16 SNGL PST	EA	192.86	9,643.00
16600		***** BID ITEM 4 *****			
16610		MEMBRANES/WATER SYSTEM:			
16620		8"DIP-FIRE PROTECTION			
16630		SUPPLY TO FDC			
16640		(SHT CFP1)			
16650	60	8 TR FLEX PR350 DI PIPE	FT	49.37	2,962.20



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
16660	1	8 MJ 45 C153 USA	EA	186.80	186.80
16680	1	3'X5'X3' CONCRETE VAULT W/H2O GALV LID	EA	3,489.95	3,489.95
16690	2	975-08000800-031 8 DISM JT EPXY 304SS B&N	EA	2,627.00	5,254.00
16700	1	8 106LW FLG L&W CK VALVE	EA	4,563.82	4,563.82
16720	1	POTTER ROEMER 5785-A 4 WAY FDC WITH BRASS BODY 6 X 2-1/2 (SHT ZFB1/B;NO SPEC)	EA	7,500.00	7,500.00
16750		(1-8" STAINLESS STEEL RISER)			
16760	1	AMES 8 FLGXCIPS BLD RSR SS 6X6 0691162	EA	1,736.37	1,736.37
16770	1	8X2 TAPT BLIND FLG DI USA	EA	229.70	229.70
16790	1	2X3/4 GALV MI BUSH	EA	14.03	14.03
16800	1	3/4X4 GALV STL NIPPLE	EA	15.53	15.53
16810	1	3/4 THRD BRZ BALL VLV NO LEAD	EA	51.03	51.03
16830		(BOLT/NUT/ACCESSORY)			
16840	2	8 MEGALUG W/ACC F/DI 1108DECY W/XYLAN COATED T-HEAD BOLT/NUT	EA	115.25	230.50
16860	1	8X1/8 FLG FF EPDM GASKET	EA	11.51	11.51
16880		ADDITIONAL MATERIAL AS NEEDED:			
16890	1	DRAWINGS	EA	10,000.00	10,000.00
16900					
16910	8	95" POLY WRAP FOR 48" PIPE	EA	234.39	1,875.12
16920	1	81"X120' ENCASMENT TUBE 8 ML F/30",36" D.I.	EA	170.10	170.10
16930	4	37"X200' ENCASMENT TUBE 8ML F/14",16" D.I.	EA	231.15	924.60
16940	1	29"X200' ENCASMENT TUBE 8ML F/8",10",12" D.I.	EA	178.57	178.57
16950	1	18"X200' ENCASMENT TUBE 8 ML F/3",4",6" D.I.	EA	120.00	120.00
16960	5	2"X100' #900 ADHESIVE TAPE	RL	6.50	32.50
16970					
16980	1	LUBE 1 GAL F/WTR/SWR PIPE	EA	19.00	19.00
16990	1	JETLUBE 10091 1 GAL KOPR-KOTE	EA	150.00	150.00
17000					
17010	24	CEMENT- 724 - QT, USE F/CHEMS	EA	31.25	750.00
17020	24	PRIMER- P68 PURPLE - QUART	EA	21.50	516.00
				SUBTOTAL	14,735.89
				SUBTOTAL	8,726,488.16
17050		DEDUCT FOR CHANGING FROM			
17060		SS TO CARBON STEEL STEEL			
17070	100	SW LINE F/SS TO CS	EA	3,000.00	300,000.00
17080	100	MP DISCHARGE LINE F/SS TO CS	EA	1,250.00	125,000.00



Bid Proposal for PFLUGERVILLE-WTP EXPANSION Membrane 30%

Bid #: 2901031

Seq#	Qty	Description	Units	Price	Ext Price
				SUBTOTAL	425,000.00
				Sub Total	9,151,488.16
				Tax	0.00
				Total	9,151,488.16

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

E&IC SUBCONTRACTOR PROPOSAL
ALTERMAN



Cost Proposal No.
RFP-02 R1
Membrane Bldg. 30% R1

TO: PLW Waterworks
1725 Hughes Landing Rd, Ste 1200
The Woodlands, TX 77380
ATTN: Pavel Trujillo

JOB NAME: Pflugerville WTP Expansion **Date:** July 21, 2023

REFERENCE: Membrane Building Redesign

Alterman Job # 631100

We have reviewed the requirements of: **Drawings dated 4/5/23 titled "Revised per RFP No. 2"**
as it pertains to the work of our Contract.

In Compliance with the terms of our Contract Agreement, we agree to perform the changed work for:

X Additional Amount of \$ 1,072,337.00

 Deductive Amount of \$ -

 No Change in Contract Amount

This pricing is based on the following conditions:

X Quotation is valid for **15** days. Lack of direction concerning this work by that date will require re-evaluation of the work change.

30.00 Calendar days extension of Contract time is required once approved submittals are approved

X Exclusions or conditions that vary from our Contract Agreement are as follows:

1. Excludes overtime, premium time, and shift work.
2. VE options shown on Scope of Work sheet are included in pricing above.
3. Pricing is based on the information shown in the issued 30% drawings as well as the original Membrane Building drawings that were not re-issued. With this being said, some items may have moved sheet locations based on the new layout.
4. Feeder between TX-3A, TX-3B, and the new membrane structure is based on Option 1 shown in Exhibit 2B issued by GAI.
5. Exclusions from original contract are assumed with this pricing.

X Complete pricing breakdown for our work is attached for your review.

Tyler Grein

ALTERMAN REPRESENTATIVE

CHANGE ORDER WORKSHEET
Alterman, Inc.

RFP-02 R1

Membrane Bldg. 30% R1

DATE : 7/21/2023

JOB #: 631100

PREPARED BY: Tyler Grein

DESCRIPTION OF WORK PERFORMED:

See attached scope of work.

Labor

<u>Position</u>	<u>Unit</u>	<u>Quantity</u>	<u>Labor Cost</u>		<u>Position Total</u>
			<u>Unit</u>	<u>Total</u>	
Total Amount of Hours Labor Only		0.0	Total Labor Cost		\$56,447.57

Equipment

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Equipment</u>		<u>Item Total</u>
			<u>Unit</u>	<u>Total</u>	
MCC-3 Shutdown Generator Allowance	SUM	1.0	\$20,000.00	\$20,000.00	\$20,000.00
Ride-On Trencher	DAY	0.0	\$450.00	\$0.00	\$0.00
Office Trailer	MN	0.0	\$500.00	\$0.00	\$0.00
Sanitary	MN	0.0	\$250.00	\$0.00	\$0.00
Small Rocksaw	HR	0.0	\$117.00	\$0.00	\$0.00
Volvo L110 Front End Loader	HR	0.0	\$134.40	\$0.00	\$0.00
Mini-Excavator	DAY	0.0	\$400.00	\$0.00	\$0.00
Loader-Skid	HR	0.0	\$23.10	\$0.00	\$0.00
Trench Compactor	HR	0.0	\$18.06	\$0.00	\$0.00
Cat 315 CL Excavator	HR	0.0	\$179.00	\$0.00	\$0.00
Link Belt 110 Ton Crane	HR	0.0	\$324.00	\$0.00	\$0.00
Sky Trak Ext Forklift	HR	0.0	\$62.45	\$0.00	\$0.00
Cable Rental for 2 Weeks	LS	0.0	\$2,537.38	\$0.00	\$0.00
Compressor 185 cfm	HR	0.0	\$52.00	\$0.00	\$0.00
Wacker/Small Compressor/Plug/Generator/Air Mover	HR	0.0	\$26.00	\$0.00	\$0.00
			Total Equipment Cost		\$20,000.00

Materials

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Material</u>		<u>Item Total</u>
			<u>Unit</u>	<u>Total</u>	
See attached BOM	EA	1	\$606,997.10	\$606,997.10	\$606,997.10
Fixture Changes	EA	1	\$39,500.00	\$39,500.00	\$39,500.00
Gear Changes	EA	1	\$8,540.46	\$8,540.46	\$8,540.46
Add (2) 8x8x8 HV-EMH's	EA	1	\$25,000.00	\$25,000.00	\$25,000.00
Cable Tray	EA	1	\$10,000.00	\$10,000.00	\$10,000.00
			Total Material Cost		\$690,037.56

Subcontractors

<u>Company</u>	<u>Description of Work to be Performed</u> (Supporting Information Attached)	<u>Item Total</u>
Convergent	Access Controls and Video Surveillance per drawings	\$27,437.63
Bonded	Lightning Protection system for new Membrane structure	\$28,840.00
Total Subcontractor Cost		\$56,277.63
TOTAL		\$822,762.76

ALTERMAN COST PROPOSAL PRICING SHEET

DESCRIPTION OF COST PROPOSAL
Membrane Bldg. 30% R1
RFP-02 R1

Prepared by: Tyler Grein
 Date: 7/21/2023

A	B	C	D
Item No.	Description	Units	UM
1.00	LABOR	1	LS
1.10	DJE PROJECT EXPENDABLES 3.5% of Labor	1	LS
2.00	MATERIALS	1	LS
2.10	MATERIAL WASTE 3.5% Material	1	LS
3.00	EQUIPMENT	1	LS
4.00	SUBCONTRACTORS	1	LS
6.00	BURDEN 43.7% of Labor	1	LS

E	F	G	H	I	J	K	L	M	N	O
Labor Unit Cost	Labor Total Cost (C x E)	Material Unit Cost	Material Total Cost (C x G)	Equipment Unit Cost	Equipment Total Cost (C x I)	Subcontract Unit Cost	Subcontract Total Cost (C x K)	Supplemental Work Sheet	Supplemental Total Cost (C x M)	Subtotal
\$ 56,447.57	\$ 56,447.57							\$ -	\$ -	\$ 56,447.57
<i>Expendable Tools, Consumables, PPE/ Safety Supplies, Masks, Gloves, Hard Hats, Vests</i>										
	\$ 1,975.66							\$ -	\$ -	\$ 1,975.66
		\$ 690,037.56	\$ 690,037.56					\$ -	\$ -	\$ 690,037.56
								\$ -	\$ -	\$ -
				\$ 20,000.00	\$ 20,000.00			\$ -	\$ -	\$ 20,000.00
						\$ 56,277.63	\$ 56,277.63	\$ -	\$ -	\$ 56,277.63
								\$ 24,667.59	\$ 24,667.59	\$ 24,667.59

COLUMN SUBTOTALS	
Profit	10.0%
Overhead	10.0%

\$ 58,423.23	\$ 690,037.56	\$ 20,000.00	\$ 56,277.63	\$ 24,667.59	\$ 849,406.01
					\$ 84,940.60
					\$ 93,434.66

SUBTOTAL CHANGE ORDER AMOUNT	\$ 1,027,781.28
PER DIEM (\$100/DAY)	\$ 20,000.00
Bond and Insurance 2.0%	\$ 20,555.63
GRAND TOTAL CHANGE ORDER AMOUNT	\$1,072,336.90



Scope of Work Description with VE Options

1. VE Options:

- a. Deduct of Future Strainer Area shown on CE-11: **(\$52,253.53)**
- b. Deduct of east side of cable tray shown on CE-51A: **(\$6,344.79)**
- c. Reduce length of Ductbanks A/B between Transformers and Membrane Electrical Room: **(\$102,476.33)**

2. Deduct original scope of work for Membrane Facility.

3. Sheet E-8A

- a. Deduct Duct Bank B original excavation, rebar, concrete, and backfill.
- b. Add excavation, rebar, concrete, and backfill for new Duct Bank B dimensions.
- c. Add (3) 4" conduits to Duct Bank B.
- d. Add 50' to Duct Bank C.
- e. Add HV-EMH-9 and HV-EMH-10 (8x8x8 manholes).
- f. Add (2) sets of (4) – 4/0, 4/0G in existing conduits for feeder MC1A-8P.
- g. Add wall-mounted pull box and duct bank to existing manhole for MC1A-8P.

4. Sheet E-22A

- a. Deduct 35' from Duct Bank F1.
- b. Deduct 40' from Duct Bank F14A.
- c. Add 25' to Duct Bank F15.
- d. Add 35' to Duct Bank F16.
- e. Add 30' to Duct Bank F18.

5. Sheet CDE-1A

- a. Demolition of conductors and exposed conduit per one-line on Sheet CDE-7A and CDE-8A.
- b. Add temporary power accommodations for MCC-3 during demolition of feeder and installation of new feeder.

6. Sheet CE-1A

- a. Add new Duct Banks M1, M2, M3, M4, M6, A, and B per email from Mazhar with duct bank details dated 5/9/23.

7. Sheet CE-3A

- a. Swap Panel PP-3A for Panel H3A.

8. Sheet CE-5A

- a. Change trip settings to 90AT for RTU No. 1
- b. Add 100A/3P disconnect for RTU No. 1
- c. Add disconnect for Air Compressor No. 1 Control Panel
 - i. Control Panel not included.
- d. Add disconnect for Air Compressor No. 2 Control Panel
 - i. Control Panel not included.
- e. Change trip settings to 90AT for RTU No. 2
- f. Add 100A/3P disconnect for RTU No. 2

CELEBRATING 100 YEARS



9. Sheet CE-6A

- a. Deduct feeder and disconnect for EF-31501.
- b. Change 30A/3P breaker to 100AF/40AT 3P breaker for Air Compressor No. 3.
- c. Deduct feeder for Air Compressor AC-91A.
- d. Add feeder for Air Compressor No. 3.
 - i. Control Panel not included.
- e. Deduct feeder for Existing Air Compressor AC-91A.

10. Sheet CE-9A

- a. Deduct Panel PP-3A and associated feeder.
- b. Deduct all circuits fed from PP-3A.
- c. Deduct 200A/3P disconnect.
- d. Deduct non-fusible disconnect.
- e. Deduct (2) fusible disconnects.

11. Sheet CE-12

- a. No scope changes.

12. Sheet CE-16

- a. No scope changes.

13. Sheet CE-17A

- a. Provide and install raceways, conductors, and associated support hardware for all gear shown.
- b. Provide and install gear shown.
- c. Excludes providing Memcor UPS, Plant Net, Desk.

14. Sheet CE-18A

- a. Add (10) Type C fixtures.
- b. Add (9) Type CE fixtures.
- c. Add (4) Type X fixtures.
- d. Add (6) receptacle.
- e. Add (7) light switches.
- f. Provide and install raceways, conductors, and associated support hardware for lighting system.

15. Sheet CE-19A

- a. Provide and install cable tray and associated support hardware per layout shown.

16. Sheet CE-20A

- a. Provide and install raceways, conductors, and associated support hardware for all gear shown.
- b. Provide and install gear shown.

17. Sheet CE-23

- a. No scope changes.

CELEBRATING 100 YEARS



18. Sheet CE-24

- a. No scope changes.

19. Sheet CE-25

- a. No scope changes.

20. Sheet CE-26

- a. No scope changes.

21. Sheet CE-27

- a. No scope changes.

22. Sheet CE-30

- a. No scope changes.

23. Sheet CE-41

- a. No scope changes.

24. Sheet CE-43

- a. No scope changes.

25. Sheet CE-45A

- a. Provide power and controls conductors, raceways, and associated support hardware for Neutralization Pumps.

26. Sheet CE-46A

- a. Provide power and controls conductors, raceways, and associated support hardware for Membrane Pumps, CIP Pumps, and Backwash Pumps.

27. Sheet CE-48A

- a. Add grounding system for new Membrane Building.

28. Sheet CE-49A

- a. Add (18) Type B fixtures.
- b. Add (9) Type BE fixtures.
- c. Add (24) Type H fixtures.
- d. Add (20) Type J fixtures.
- e. Add (4) Type X fixtures.
- f. Add (13) receptacles.
- g. Provide and install raceways, conductors, and associated support hardware for lighting system and receptacles.

29. Sheet CE-50A

- a. Add (16) Type H fixtures.
- b. Add (8) receptacles.
- c. Provide and install raceways, conductors, and associated support hardware for lighting system and receptacles.

30. Sheet CE-51A

- a. Provide and install cable tray and associated support hardware per layout shown.

CELEBRATING 100 YEARS



31. Sheet CE-52A

- a. Provide and install raceways, conductors, and associated support hardware for (7) HVAC units, (10) Exhaust Fans, (4) Recirculation Fans, and (14) Unit Heaters.

32. Sheet HE-3A

- a. Add 400AF/400AT breaker to MCC-1.

CELEBRATING 100 YEARS

14703 Jones Maltsberger • San Antonio, TX 78247 | Office: 210.499.6888

www.GoAlterman.com

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Drawing	Material \$	Labor \$	Total
Drawing: CDE-1 - MEMB. BLDG. EXP. MEMB. BLDG. ELEC. UPPER LVL DEMO PLN	\$ -	\$ 15,192.45	\$ 15,192.45
Drawing: CDE-2 - MEMB. BLDG. EXP. MEMB. BLDG. ELEC. LOWER LVL DEMO PLN	\$ -	\$ 14,105.00	\$ 14,105.00
Drawing: CE-1 - MEMB. AREA O/A SITE PLN	\$ 747,543.71	\$ 424,395.43	\$ 1,171,939.13
Drawing: CE-11 - STRAINER STRUCTURE ELEC. PLN	\$ 23,897.20	\$ 28,356.33	\$ 52,253.53
Drawing: CE-12 - BACKWASH P.S. ELEC. RISR DIAG. & DETAILS	\$ 31,725.30	\$ 31,438.68	\$ 63,163.98
Drawing: CE-13 - PERMEATE PUMP AREA ELEC. PLN	\$ 201,869.85	\$ 218,145.75	\$ 420,015.60
Drawing: CE-14 - CIP & BACKWASH PUMP AREA ELEC. PLN	\$ 93,001.89	\$ 92,354.63	\$ 185,356.51
Drawing: CE-15 - NEUTRALIZATION PUMP AREA ELEC. PLN	\$ 28,078.26	\$ 28,662.63	\$ 56,740.89
Drawing: CE-16 - BLOWER BLDG. ELEC. PLN	\$ 43,852.20	\$ 38,359.05	\$ 82,211.25
Drawing: CE-17 - MEMB. ELEC. BLDG. POWER & GROUNDING PLN	\$ 163,157.75	\$ 136,363.41	\$ 299,521.16
Drawing: CE-18 - MEMB. ELEC. BLDG. LGT & RECEPTACLE PLN	\$ 21,647.53	\$ 18,531.88	\$ 40,179.41
Drawing: CE-19 - MEMB. ELEC. BLDG. CONTROL & CABLE TRAY PLN	\$ 16,665.59	\$ 24,985.05	\$ 41,650.64
Drawing: CE-20 - MEMB. BLDG. ELEC. ROOM PLN	\$ 45,053.76	\$ 27,558.90	\$ 72,612.66
Drawing: CE-23 - MEMB. BLDG. AREA CIA AREA PART. SITE PLN & RISR DIAG.	\$ 17,257.72	\$ 24,054.49	\$ 41,312.20
Drawing: CE-24 - MEMB. BLDG. AREA SH AREA PART. SITE PLN & RISR DIAG.	\$ 4,786.99	\$ 9,092.17	\$ 13,879.17
Drawing: CE-25 - MEMB. BLDG. AREA SA AREA PART. SITE PLN & RISR DIAG.	\$ 12,824.97	\$ 22,276.89	\$ 35,101.86
Drawing: CE-26 - MEMB. BLDG. AREA CA AREA PART. SITE PLN & RISR DIAG.	\$ 12,066.17	\$ 21,640.98	\$ 33,707.15
Drawing: CE-27 - MEMB. BLDG. AREA SBS AREA PART. SITE PLN & RISR DIAG.	\$ 11,585.45	\$ 21,139.57	\$ 32,725.02
Drawing: CE-29 - MEMB. BLDG. EXP. HVAC PLN - 1	\$ 47,937.53	\$ 65,415.81	\$ 113,353.33
Drawing: CE-30 - MEMB. BLDG. EXP. PART. LOWER LVL HVAC SITE PLN & SCHEM.	\$ 4,258.90	\$ 8,066.60	\$ 12,325.50
Drawing: CE-41 - CIP & BACKWASH PUMP AREA ELEC. PLN	\$ 10,282.55	\$ 13,699.96	\$ 23,982.51
Drawing: CE-43 - MEMB. AREA O/A SITE PLN	\$ 23,638.86	\$ 20,629.43	\$ 44,268.29
Total Deduct Amount:	\$ 1,561,132.16	\$ 1,304,465.07	\$ 2,865,597.23

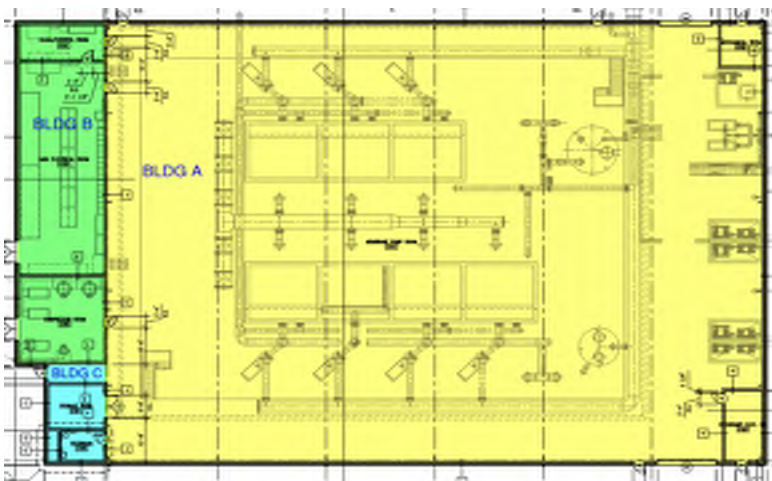
Drawing	Material \$	Labor \$	Total
Drawing: E-8 - ELEC. ENLRG'D SITE PLN - I	\$ 113,067.26	\$ 58,254.38	\$ 171,321.64
Drawing: E-22 - O/A FIBER OPTIC ROUTING SITE PLN	\$ 1,700.80	\$ 1,888.52	\$ 3,589.33
Drawing: CDE-1 - MEMB. BLDG. EXP. MEMB. BLDG. ELEC. UPPER LVL DEMO PLN	\$ -	\$ 21,840.00	\$ 21,840.00
Drawing: CE-1 - MEMB. AREA O/A SITE PLN	\$ 770,381.37	\$ 318,275.50	\$ 1,088,656.88
Drawing: CE-12 - BACKWASH P.S. ELEC. RISR DIAG. & DETAILS	\$ 48,636.81	\$ 34,261.05	\$ 82,897.86
Drawing: CE-16 - BLOWER BLDG. ELEC. PLN	\$ 64,998.16	\$ 38,177.05	\$ 103,175.21
Drawing: CE-17 - MEMB. ELEC. BLDG. POWER & GROUNDING PLN	\$ 285,336.56	\$ 161,222.06	\$ 446,558.62
Drawing: CE-18 - MEMB. ELEC. BLDG. LGT & RECEPTACLE PLN	\$ 11,212.31	\$ 9,489.94	\$ 20,702.24
Drawing: CE-19 - MEMB. ELEC. BLDG. CONTROL & CABLE TRAY PLN	\$ 8,845.27	\$ 16,386.73	\$ 25,232.00
Drawing: CE-20 - MEMB. BLDG. ELEC. ROOM PLN	\$ 90,044.92	\$ 39,915.24	\$ 129,960.16
Drawing: CE-23 - MEMB. BLDG. AREA CIA AREA PART. SITE PLN & RISR DIAG.	\$ 15,106.03	\$ 23,617.69	\$ 38,723.71
Drawing: CE-24 - MEMB. BLDG. AREA SH AREA PART. SITE PLN & RISR DIAG.	\$ 5,548.06	\$ 9,092.17	\$ 14,640.23
Drawing: CE-25 - MEMB. BLDG. AREA SA AREA PART. SITE PLN & RISR DIAG.	\$ 14,269.89	\$ 22,276.89	\$ 36,546.78
Drawing: CE-26 - MEMB. BLDG. AREA CA AREA PART. SITE PLN & RISR DIAG.	\$ 14,095.96	\$ 21,640.98	\$ 35,736.94
Drawing: CE-27 - MEMB. BLDG. AREA SBS AREA PART. SITE PLN & RISR DIAG.	\$ 13,557.04	\$ 21,139.57	\$ 34,696.61
Drawing: CE-29 - MEMB. BLDG. EXP. HVAC PLN - 1	\$ 63,210.48	\$ 65,415.81	\$ 128,626.28
Drawing: CE-30 - MEMB. BLDG. EXP. PART. LOWER LVL HVAC SITE PLN & SCHEM.	\$ 6,165.50	\$ 8,066.60	\$ 14,232.11
Drawing: CE-41 - CIP & BACKWASH PUMP AREA ELEC. PLN	\$ 14,771.68	\$ 12,384.01	\$ 27,155.69
Drawing: CE-43 - MEMB. AREA O/A SITE PLN	\$ 35,849.87	\$ 20,629.43	\$ 56,479.30
Drawing: CE-45A - MEMB. BLDG. OVERALL PLAN	\$ 60,763.78	\$ 39,069.21	\$ 99,832.99
Drawing: CE-46A - MEMB BLDG. LL POWER PLAN	\$ 496,333.29	\$ 361,890.26	\$ 858,223.55
Drawing: CE-48A - MEMB. BLDG. GROUNDING PLAN	\$ 21,255.50	\$ 12,239.50	\$ 33,495.00
Drawing: CE-49A - MEMB. BLDG. UL LIGHTING AND RECEPTACLE PLAN	\$ -	\$ 20,475.00	\$ 20,475.00
Drawing: CE-50A - MEMB BLDG. LL LIGHTING AND RECEPTACLE PLAN	\$ -	\$ 4,550.00	\$ 4,550.00
Drawing: CE-51A - MEMB. BLDG. CABLE TRAY PLAN	\$ 12,978.71	\$ 18,715.06	\$ 31,693.77
Total Adder Amount based on 30% Drawings:	\$ 2,168,129.26	\$ 1,360,912.64	\$ 3,529,041.91

PEMB SUBCONTRACTOR PROPOSAL
RED DOT

QUOTE SUMMARY

Date:	6/27/2023
Estimate#	1346-23-01-01
Sales Rep:	Daniel Chamblee (903) 804-0415

DRAWING



JOB INFORMATION

Project:	City of Pflugerville - Membrane Building		
Address:	17601 Weiss Lane		
City:	Pflugerville	State:	TX
Zip:	78660		

DRAWINGS / DOCUMENTS

Per Plans:	
Addendum:	
Specifications Received:	<u>Yes</u>
Specifications Complete:	<u>No</u>

ERECTION

Erected By:	Red Dot
Equipment allowed on Slab:	<u>No</u>

SPECIFIC INCLUSIONS

Anchor Bolts, Insulation, Crane Brackets/Beam/Cap Channel/Stops

SPECIFIC EXCLUSIONS

Bollards, Splash Blocks, Light Gauge Stud Framing, CMU, Overhead Doors, Personnel Doors, Misc. Steel, Crane, Crane Rail, Rigid Board Insulation, Exhaust Fans, Louvers

TOTAL BUILDING SQ FOOTAGE 26,084

	WIDTH	LENGTH	EH	SLOPE	Type
Bldg"A'	129'-7"	180'-4"	33'-0"	1 : 12	GTC
Bldg"B'	24'-0"	100'-3 1/4"	16'-0"	** : 12	WX
Bldg"C'	16'-0"	29'-0 3/4"	16'-0"	** : 12	WX
Bldg"D'				: 12	
Bldg"E'				: 12	
Bldg"F'				: 12	
Bldg"G'				: 12	
Bldg"H'				: 12	
Bldg"I'				: 12	
Bldg"J'				: 12	
Bldg"K'				: 12	
Bldg"L'				: 12	
Bldg"M'				: 12	
Bldg"N'				: 12	
Bldg"O'				: 12	

SPECIFIC DEVIATIONS

1. Red Dot is deviating from the wall insulation specified in the drawings and is quoting 6" R-19 VRR system

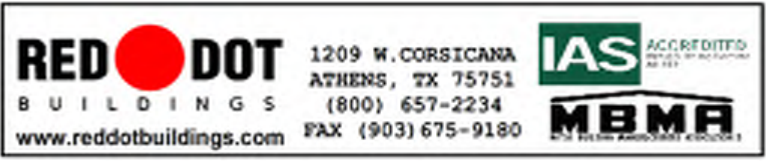
PRICING SUMMARY

<p>TAX NOT INCLUDED All applicable taxes will be applied at time of building sale. (Option to add labor is only with material purchase)</p>			Material & Labor	
			TOTAL	
			BASE	\$980,271

ALTERNATE PRICING

ALT#	DEDUCT	Description	Material & Labor
ALT#1	DEDUCT	Change roof finish to Galvalume, in lieu of Siliconized Polyester.	(\$14,403)
ALT#2	DEDUCT	Insulation in Roof 6" (R-19) VRR Plus Blanket, in lieu of 9 1/2" (R30).	(\$48,665)
ALT#3	DEDUCT	Change roof live loading to allow reductions per code.	(\$30,609)
ALT#4	DEDUCT	Reduce collateral load from 10psf to 5psf.	(\$18,190)
ALT#5			
ALT#6			

ESTIMATE # 1346-23-01-01
 DATE QUOTED: 6/27/2023
 TAKE-OFF BY: Jesse S.
 TAKE-OFF REVIEW:
 ESTIMATED BY: MS
 DATE ESTIMATED: 6/26/2023
 SALES ENGINEER: JSS --
 PRICE REVIEW: BLL (R19)



REV: 22-9-A JOB # --
 GREEN LIGHT DATE:
 SCOPE SHEET :
 ESTIMATED DATES:

Budget
 SALES REPRESENTATIVE: Daniel Chamblee (903) 804-0415

BUYER: City of Pflugerville SHIP VIA: Red Dot
 ADDRESS: SPECIAL SHIPPING INSTRUCTIONS:
 CITY: STATE: ZIP: PROJECT NAME: City of Pflugerville - Membrane Building
 PHONE: FAX: MILES TO JOB SITE: 190 BUILDING USE: Commercial
 CELL: CELL: IN CITY LIMITS OUT OF CITY WITHIN 100 MILES OF SEA COAST? No
 E-MAIL: JOBSITE ADDRESS: 17601 Weiss Lane
 BUYER CONTACT: CITY: Pflugerville CTY: Travis STATE: TX ZIP: 78660

	FRAME TYPE	WIDTH	LENGTH	EH	SLOPE	LEW	GIRT CONDITION			
							REW	FSW	BSW	
'A'	<u>GTC (Gabled Tapered Columns)</u>	<u>129'-7"</u>	<u>180'-4"</u>	<u>33'-0"</u>	<u>1</u> : 12	<u>Flush</u>	<u>Flush</u>	<u>Bypass</u>	<u>Bypass</u>	
'B'	<u>WX (Width Extension/Lean to)</u>	<u>24'-0"</u>	<u>100'-3 1/4"</u>	<u>16'-0"</u>	<u>**</u> : 12	<u>Flush</u>	<u>Flush</u>	<u>Flush</u>	<u>Flush</u>	
'C'	<u>WX (Width Extension/Lean to)</u>	<u>16'-0"</u>	<u>29'-0 3/4"</u>	<u>16'-0"</u>	<u>**</u> : 12	<u>Flush</u>	<u>Flush</u>	<u>Flush</u>	<u>Flush</u>	
'D'										
'E'										

RECESSED COLUMNS: SIDEWALL ENDWALL INTERIOR IF SO, HOW MUCH? MODULE SPACING:
 BUILDING NOTES: ****Red Dot is not designing or providing any structural/PEMB framing for BLDG's B or C. Red Dot is only providing wall sheeting and trim**

FRAMING

BAY SPACING (LEFT TO RIGHT)	*BFEW: X-BRACED ENDWALL W/ LOAD BEARING COLUMNS	**NERF: NON-EXPANDABLE RIGID FRAME
'A' <u>30'-10 4 @ 29'-8" 30'-10</u>	MF: <u>5</u> BFEW: OTHER: <u>2</u>	NERF: OTHER: BRACING <u>X-Brace Both Sidewalls</u>
'B'	MF: BFEW: NERF: OTHER:	BRACING
'C'	MF: BFEW: NERF: OTHER:	BRACING
'D'	MF: BFEW: NERF: OTHER:	BRACING
'E'	MF: BFEW: NERF: OTHER:	BRACING

FRAMING NOTES: X-bracing to be rod bracing

STRUCTURAL FINISH

PRIMARY FRAMING Hot-Dip galvanized SECONDARY FRAMING Pre-galvanized JOIST FRAMING N/A

DESIGN LOADS

BLDG. CODE & NATURE OF OCCUPANCY	SPEED/LOAD:	WIND	SNOW	SEISMIC
<u>IBC 2021 Risk Category III</u>	<u>120 MPH</u>	I: <u>N/A</u> EXP: <u>C</u> ENCL: <u>Closed</u>	I: <u>1.10</u> PSF: <u>5 Ground</u> EXP: <u>Partially exposed</u>	I: <u>1.25</u> SITE CLASS: <u>D</u> Ss: <u>0.065</u> S1: <u>0.035</u>
COLLATERAL LOAD (PSF) <u>10</u>	<u>Mechanical/Lighting/Misc.</u>	LIVE LOAD (PSF) <u>20</u>	<u>NO reduction allowed</u>	
DRIFT <u>H/100 - Top running cranes</u>	VERTICAL FRAME DEFLECTION (LIVE LOAD) <u>L/180 - Metal panel roof</u>	GIRT DEFLECTION (LIVE LOAD) <u>L/240 - Reinforced block walls</u>		
PURLIN DEFLECTION (LIVE LOAD) <u>L/180 - Metal panel roof</u>				

DESIGN NOTES: Design for (1) 5 Ton Top running bridge crane. See page 5 for crane notes
 CRANE: Yes MEZZANINE: No UL580 CLASS90: Yes FM GLOBAL: None NOTES:

SHEETING / PANEL

ROOF:	<u>24 in Trapezoidal - Field Seam SSR</u>	GA <u>24</u>	FINISH: <u>Siliconized Polyester</u>	IF SSR: CLIP TYPE <u>High Floating</u>	T BLKS <u>5/8"</u>
WALL:	<u>PBR Panel</u>	GA <u>26</u>	FINISH: <u>Siliconized Polyester</u>	FASTENERS: <u>Long Life</u>	LENGTH: <u>STD</u>
SOFFIT:		GA	FINISH:	SOFFIT FINISH:	
ROOF LINER:		GA	FINISH:	LINER FINISH:	
WALL LINER:	<u>PBR Panel</u>	GA <u>26</u>	FINISH: <u>Siliconized Polyester</u>	LF: <u>460'-3"</u> HT: <u>10'-0"</u>	<u>*SEE BELOW FOR LOCATION</u>
PARTITION WALL:		GA	FINISH:	<u>SEE PAGE 2 FOR PARTITION WALL NOTES</u>	

SHEETING NOTES: Wall panels start @ 4'-0" AFF Wall liner noted above is located along both sidewalls and the right endwall starting at 4'-0" AFF

BASE CONDITIONS

BASE MEMBER: <u>Base Cee</u>	BASE FINISH: <u>N/A</u>	BASE TRIM: <u>No</u>	NOTES:
ENGINEERING: <u>JSS --</u>	PAGE <u>1</u> OF <u>5</u>	JOB NO: <u>--</u>	CUSTOMER INITIALS:

SPANDRELS / LINTELS

SPANDRELS: Provide spandrel channels atop CMU walls by others for the entire perimeter of the building. Hold L/360 deflection

LINTELS: None

INSULATION

6" INSULATION OVER GIRTS NOT RECOMMENDED DUE TO PANEL DISTORTION

BY: Red Dot (R-30) ROOF: 9/2" Liner System [White] LAYOUT: 3 1/2" OVER PURLIN 6" IN THE PURLIN CAVITY

BY: Red Dot (R-19) WALLS: 6" VRR Plus [White] w/o wire support LAYOUT: 6" OVER GIRT IN THE GIRT CAVITY

INSULATION NOTES: Insulation only at girt-framed walls and roof of building 'A'.

ADDITIONAL ANGLES REQUIRED: No additional angles or materials are required for insulation connection

FRAMED OPENINGS

ALL TYPES NOTED ARE OPENINGS ONLY, SEE NEXT PAGE FOR MISC.

QUANTITY 1 WIDTH 14'-0" HEIGHT 14'-0" TYPE Overhead Door TOP HEIGHT (A.F.F) LOCATION: Bldg A

QUANTITY 5 WIDTH 3'-4" HEIGHT 7'-2" TYPE Walk Door TOP HEIGHT (A.F.F) LOCATION: Bldg A

QUANTITY 2 WIDTH 6'-4" HEIGHT 2'-10" TYPE Trim Pack TOP HEIGHT (A.F.F) LOCATION: Bldg B

QUANTITY 1 WIDTH 16'-0" HEIGHT 16'-0" TYPE Overhead Door TOP HEIGHT (A.F.F) LOCATION: Bldg A

QUANTITY 10 WIDTH 6'-0" HEIGHT 5'-6' TYPE Exhaust Fan TOP HEIGHT (A.F.F) LOCATION: Bldg A

FRAMED OPENING NOTES: (1) 3'-4" x 2'-10" Trim Pack for personnel door Bldg C

OPEN/PARTIAL WALLS

BLDG A

LEW - Open up to 16'-0" AFF for CMU by others and tie-in to BLDG B/C. Remainder to receive girts and sheeting by Red Dot

REW - Open up to 4'-0" AFF for CMU by others. Remainder to receive girts and sheeting by Red Dot

FSW - Open up to 4'-0" AFF for CMU by others. Remainder to receive girts and sheeting by Red Dot

BSW - Open up to 4'-0" AFF for CMU by others. Remainder to receive girts and sheeting by Red Dot.

BLDG B - All walls open full for CMU by others

BLDG C - All walls open full for CMU by others

HAT CHANNEL / SUB GIRTS / FURRING ZEES

PROVIDED BY: Others PER: TYPE: SPACING: ATTACH TO:

HAT CHANNEL NOTES:

ROOF EXTENSIONS / STRUCTURAL CANOPIES

 PROJECTION: LENGTH: ELEVATION: SOFFIT: A B C D E

 PROJECTION: LENGTH: ELEVATION: SOFFIT: A B C D E

EXTENSION NOTES: NONE

FASCIA / PARAPETS / MANSARDS

 LENGTH: ELEV: PROJ: BACK PANEL: GA: FINISH: A B C D E

 LENGTH: ELEV: PROJ: BACK PANEL: GA: FINISH: A B C D E

FASCIA/PARAPETS/MANSARDS NOTES: NONE

PARTITION WALLS

ORIENTATION: LENGTH LEFT ENDWALL OFFSET SHEETED ON: INSULATED: A B C D E

ORIENTATION: LENGTH LEFT ENDWALL OFFSET SHEETED ON: INSULATED: A B C D E

PARTITION WALL NOTES: NONE

*EAVE TRIM BEHIND GUTTER WILL BE GALVALUME U.N.O

TRIM

RED DOT STANDARD TRIM PROFILE AND SUBSTRATE TO BE PROVIDED U.N.O

Gutters, Downspouts & Eave Trim GA 26 FINISH: Siliconized Polyester (IF NOT ALL THE SAME, SEE NOTES)

CUSTOMER PREFERENCE (IF ANY) FOR NUMBER OF DOWNSPOUTS _____ OR SPACING (SPECIFY) Per Design

ADDITIONAL TRIM REQUIRED: Wainscot Trim

TRIM NOTES: All building B & C roof trim by others.

OVERHEAD DOORS

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

OVERHEAD DOOR NOTES: None - All overhead doors provided and installed by others

PERSONNEL DOORS

DOORS WILL BE SELF FRAMED HOLLOW METAL PRIMED WHITE U.N.O

DOORS SUPPLIED BY: _____ *IF RED DOT DESIGN REQUIRES GIRT BELOW 7'-4", A CEE SECTION JAMB WILL BE INSTALLED ON BOTH SIDES OF THE WALK DOORS*

QTY _____ SIZE _____ HARDWARE _____

QTY _____ SIZE _____ HARDWARE _____

DOOR NOTES: None- All personnel doors provided and installed by others

GLASS/WINDOWS

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____

GLASS/WINDOW NOTES: None- All glass provided and installed by others

WALL LIGHTS

QTY _____ LENGTH _____ TYPE _____ BELOW EAVE OFFSET: _____ LOCATED: _____

WALL LIGHT NOTES: None- All wall lights provided and installed by others

SKYLIGHTS

QTY _____ LENGTH _____ TYPE _____ BELOW RIDGE OFFSET _____ LOCATED: _____

SKYLIGHT NOTES: None- All skylights provided and installed by others

VALLEY GUTTER

USE WELDED VALLEY IF VALLEY TO BE LOCATED INSIDE BUILDING ENVELOPE - PVC DOWNSPOUTS TO BE PROVIDED BY OTHERS

VALLEY GUTTER No GA _____ FINISH _____ EPDM LINER _____ TOTAL LENGTH _____

VALLEY DRAINS: ONE END _____ BOTH ENDS _____ INTERIOR DOWNSPOUTS _____ SPACING _____

VALLEY GUTTER NOTES: _____

VENTS

*VENTS TO MATCH THE FINISH OF THE ROOF (Unless Noted Otherwise)

QTY _____ TYPE _____ SKIRT: _____ OPERATOR KIT: _____ MOTORIZED: _____

QTY _____ TYPE _____ SKIRT: _____ OPERATOR KIT: _____ MOTORIZED: _____

VENT NOTES: None- All vents provided and installed by others

LOUVERS ARE SELF-MULLING, SELF FLASHING AND SELF FRAMING

LOUVERS

STANDARDS: Galvanized 18Ga.Frame & 20Ga.Blades, Insect Screen, Mill Finish

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____ LOUVERS _____ OPERATOR: _____ FINISH: _____

QUANTITY _____ WIDTH _____ HEIGHT _____ TYPE _____ LOUVERS _____ OPERATOR: _____ FINISH: _____

LOUVER NOTES: None- All Louvers provided and installed by others

*SHUTTER STANDARDS: *Heavy Ga.Interlock Alum.Blades, Auto open&close*

EXHAUST FANS/SHUTTERS

*FAN STANDARDS: *Wall Mount, Belt Drive, Steel Blades, ODP 60hz Motors*

QTY _____ TYPE _____ WIDTH _____ HEIGHT _____ SPECS: _____

QTY _____ TYPE _____ WIDTH _____ HEIGHT _____ SPECS: _____

FAN/SHUTTER NOTES: None- All fans & shutters provided and installed by others

OPENING NOT REQUIRED IF RCS TRACK SYSTEM HAS BEEN SELECTED

ROOF CURBS

CURBS WILL BE PROVIDED TO MATCH ROOF COLOR AS STANDARD U.N.O

QUANTITY _____ WIDTH _____ LENGTH _____ TYPE _____ SKIRT TYPE: _____ FINISH: _____

QUANTITY _____ WIDTH _____ LENGTH _____ TYPE _____ SKIRT TYPE: _____ FINISH: _____

CURB NOTES: None- All curbs provided and installed by others

ROD HUNG CANOPIES

QUANTITY _____ PROJECTION: _____ LENGTH: _____ ELEVATION: _____ SOFFIT: _____ FINISH: _____

QUANTITY _____ PROJECTION: _____ LENGTH: _____ ELEVATION: _____ SOFFIT: _____ FINISH: _____

ROD HUNG NOTES: None- All canopies provided and installed by others

MISCELLANEOUS ITEMS

QUANTITY _____ DESCRIPTION: _____

QUANTITY _____ DESCRIPTION: _____

QUANTITY _____ DESCRIPTION: _____

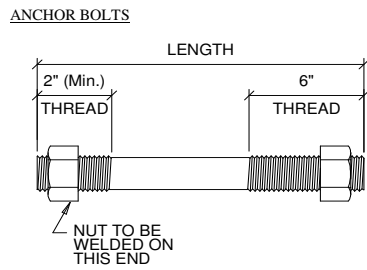
MISCELLANEOUS NOTES: NONE

BUILDING ANCHORAGE

BUILDING INSTALLED ON: Slab

ANCHOR BOLTS BY: Red Dot ANCHORAGE NOTES: *TBD=Embedment to be determined by Foundation Engineer

TYPE: Forged Anchor
 DIA. Per RD Design
 EMBEDMENT: *TBD
 GRADE: Grade 55
 FINISH: Uncoated
 LEVELING NUTS: NO
 TEMPLATES: NO



EMBEDS:

TYPE/USE: None
 ANCHOR TYPE: None
 EMBEDMENT: None
 GRADE: None
 FINISH: None
 DESIGN PER: _____

BUILDING ERECTION DAVIS-BACON No EQUIPMENT ALLOWED ON SLAB? No

BUILDING TO BE ERECTED BY: Red Dot SOLD TO: Contractor SPECIAL SAFETY CONSIDERATIONS? No

RED DOT REQUIRES THE FOLLOWING: 1. EQUIPMENT ALLOWED ON SLAB DURING ERECTION PROCESS. 2. ADEQUATE JOB SITE SECURITY OR MINI-MOBILE STORAGE CONTAINER PROVIDED BY CONTRACTOR. 3. DUMPSTER PROVIDED BY CONTRACTOR TO DEPOSIT ALL TRASH INCLUDING SHEET METAL. 4. TOILET FACILITIES MADE AVAILABLE FOR CONSTRUCTION CREW MEMBERS. 5. CLEAR ACCESS TO SLAB FOR DELIVERY AND CONSTRUCTION CREW TRUCKS. 6. ABILITY TO UNLOAD AND STAGE BUILDING COMPONENTS ON SLAB AND/OR WITHIN 100' OF SLAB. 7. STAGING AREA AROUND SLAB TO BE SMOOTH WITH SUFFICIENT WATER DRAINAGE. 8. GROUND AROUND SLAB PERIMETER SHOULD BE CLEAR AND CAPABLE OF SUPPORTING CONSTRUCTION EQUIPMENT INCLUDING ROUGH TERRAIN FORKLIFTS, MAN LIFTS AND CRANES IF REQUIRED. 9. NO OVERHEAD OBSTRUCTIONS THAT VIOLATE OSHA REQUIREMENTS OR INTERFERES WITH THE ERECTION OF THE BUILDING. 10. ERECTION NOTE: RED DOT-SUPPLIED METAL BUILDING ERECTORS WILL MEET THE SAFETY REQUIREMENTS AS OUTLINED IN OSHA 1926. A PRICE INCREASE MAY BE REQUIRED IF RED DOT IS HELD TO A MORE STRINGENT STANDARD THAT EXCEEDS OSHA 1926

DRAWINGS / DOCUMENTS

APPROVALS REQUIRED: Yes NUMBER OF SETS: 2 PERMIT DRAWINGS REQUIRED: Yes NUMBER OF SETS: 2

NUMBER OF SETS OF ANCHOR BOLT DRAWINGS: 2 NUMBER OF SETS OF ERECTION DRAWINGS 2 DESIGN CALCULATIONS REQUIRED: Yes

CUSTOMER DRAWINGS RECEIVED AT TIME OF QUOTE: Yes ADDENDUM: _____

LIST SHEETS RECEIVED AND REV. DATE: _____

SPECIFICATIONS RECEIVED AT TIME OF QUOTE: Yes COMPLETE: No IF NO, LIST SECTIONS RECEIVED: _____

STANDARD EXCLUSIONS / SPECIFIC EXCLUSIONS & INCLUSIONS

STANDARD EXCLUSIONS: Foundation, dirt work, light-gauge framing, finish paint on structure, sag rods, purlin spacers, penetrations, roof jacks, splash blocks, pipe bollards, hat channel, plywood sheathing with vapor barrier, stairs, guard rails, hand rails, ladders, payment & performance bond, permits, licenses, testing, liquidated damages, weather tightness warranty, VTRs and any associated flashing or trim, sleeves, and misc. steel. Items by others to be supplied and installed by others. Materials, Labor & Insurance requirements not specifically called out on this estimate are not included in the price. Any addition or change to this estimate may incur additional cost.

SPECIFIC EXCLUSIONS: (Excluded from Base)	Bollards, Splash Blocks, Light Gauge Stud Framing, CMU, Overhead Doors, Personnel Doors, Misc. Steel, Crane, Crane Rail, Rigid Board Insulation, Exhaust Fans, Louvers
--	---

EXCLUSION NOTES: _____

SPECIFIC INCLUSIONS: (Included in Base)	Anchor Bolts, Insulation, Crane Brackets/Beam/Cap Channel/Stops
--	--

INCLUSION NOTES: _____

THIS PRICE BELOW INCLUDES FREIGHT TO THE JOB SITE UNLESS NOTED OTHERWISE

PAYMENT TERMS:

~ DURING PERIODS OF MARKET VOLATILITY, RED DOT RESERVES THE RIGHT TO ALTER THIS CONTRACT PRICE TO OFFSET SIGNIFICANT STEEL COST INCREASES IMPOSED UPON THE METAL BUILDING INDUSTRY.

PRICING SUMMARY			
TAX NOT INCLUDED All applicable taxes will be applied at time of building sale. (Option to add labor is only with material purchase)			Material & Labor
			TOTAL
		BASE	\$980,271
ALTERNATE PRICING			
ALT#1	DEDUCT	Change roof finish to Galvalume, in lieu of Siliconized Polyester.	(\$14,403)
ALT#2	DEDUCT	Insulation in Roof 6" (R-19) VRR Plus Blanket, in lieu of 9 1/2" (R30).	(\$48,665)
ALT#3	DEDUCT	Change roof live loading to allow reductions per code.	(\$30,609)
ALT#4	DEDUCT	Reduce collateral load from 10psf to 5psf.	(\$18,190)
ALT#5			
ALT#6			

IF APPLICABLE, REFER TO ATTACHED PAGE (S) FOR ADDITIONAL INFORMATION

ANCHORAGE NOTE:

MBMA guidelines state the following: "The metal building manufacturer is NOT responsible for the design, materials and workmanship of the foundation. Anchor bolt plans prepared by the manufacturer are intended to show only location, diameter, and projection of anchor bolts required to attach the metal building system to the foundation. The manufacturer is responsible for providing to the builder the loads imposed by the metal building system on the foundation. It is the responsibility of the end customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, tie rods, and/or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the metal building system, other imposed loads, and the bearing capacity of the soil and other conditions of the building site."

SEAMER NOTES:

SEAMER NOTE: In the event that the quoted metal building system with standing seam roof (SSR) is purchased as MATERIAL ONLY with erection by others, the rental tools required to mechanically seam the SSR to achieve weather tightness will be the responsibility of the Buyer and not Red Dot. The electric seamer, hand crimper or hand tool required are considered tools or equipment to erect, which Red Dot excludes from this estimate and/or contract (when supplying material only). Red Dot will forward to the Buyer the information needed to rent the SSR tools directly from the roof system manufacturer. The costs and delivery coordination associated with this rental will be the responsibility of the Buyer and not Red Dot Buildings.

SPECIFIC DEVIATIONS FROM PLANS AND SPECIFICATIONS

1. Red Dot is deviating from the wall insulation specified in the drawings and is quoting 6" R-19 VRR system

ADDITIONAL NOTES / ASSUMPTIONS

1. Due to lack of information framed opening sizes have been assumed
2. Due to lack of information Red Dot has not quoted any potential roof framed openings, or roof curbs
3. Due to lack of information all panel/trim types, gauges, and finish have been assumed

Crane Notes:

- Red Dot to design and provide support for (1) 5 ton top running bridge crane
- Crane to run the full width and length of BLDG A, and placed as high as possible
- Assumed Crane Class C
- Red Dot to provide Crane Brackets, Cap Channel, Beam, and Stops
- Red Dot is not providing or installing the crane or crane rail

*Bldg B and Bldg C wall sheets to attach to Hat Channel by others on CMU by others. Hat channel assumed 3'-0 on center.

Insulation Note:

- Using 6" insulation with a through-fastened panel system is not recommended due to panel distortion which will not be cause for rejection.

LINESTOP SUBCONTRACTOR PROPOSAL
RANGELINE



Quote Number
RTS22-6810TR

September 2, 2022

Quote No. RTS22-6810TR

**Please Return
Signed Quote
To Schedule**

All Contractors Bidding

For questions contact: **Tim Rodriguez**

Email: trodriguez@rangeline.com

Phone: (936) 445-2171

Re: Multiple Line Stops – WTP Expansion – Pflugerville, Texas

Option 1

Rangeline Tapping Services, Inc. will provide **2-piece Epoxy Coated Carbon Steel Line Stop fittings with Stainless Steel hardware**, unless otherwise specified and perform the following:

Unit	Size	Pipe Type	Double Line Stop With Bypass Water/Force Main (80 PSI or less)	TOTAL	Line Stop Equipment Overnight charges After 7PM on 14 th Calendar Day “When Equipment is on the Pipe”
4	36”	DIP	\$63,425.00 Each	\$253,700.00	\$3,000.00 Per day, per double line stop
1	42”	DIP	\$73,390.00	\$73,390.00	\$3,000.00 Per day, per double line stop
1	48”	DIP	\$137,820.00	\$137,820.00	\$5,000.00 Per day

Option 2

Rangeline Tapping Services, Inc. will provide **Epoxy Coated Carbon Steel Mechanical Joint Style Line Stop fittings with Stainless Steel hardware**, unless otherwise specified and perform the following:

Unit	Size	Pipe Type	Double Line Stop With Bypass Water/Force Main (80 PSI or less)	TOTAL	Line Stop Equipment Overnight charges After 7PM on 14 th Calendar Day “When Equipment is on the Pipe”
4	36”	DIP	\$102,750.00 Each	\$411,000.00	\$3,000.00 Per day, per double line stop
1	42”	DIP	\$122,500.00	\$122,500.00	\$3,000.00 Per day, per double line stop
1	48”	DIP	\$196,630.00	\$196,630.00	\$5,000.00 Per day

48” Linestop price includes the use of JCM 440 ESS fittings as blowdown saddles. If JCM 444 ESS Mechanical Joint Style Blowdown Fittings are required, please add \$51,000.00.

Note: Rangeline cannot guarantee a 100% shutdown due to debris, mineral deposits, solids and/or sediments in the pipe.

Prices are based on the following below:

- Rangeline will provide (2) 24” 150# flanged outlets per 36” and 42” double line stops and (2) 36” 150# flanged outlets per 48” double line stop for customer to connect bypass piping. Customer must provide and install all bypass piping and related materials.
- Please allow 7 - 14 days notice for scheduling **after receipt of materials** to ensure availability. **Projects that require shorter lead times may incur additional charges.**
- **AC/CIP pipe applications contractor must encase each line stop fitting in concrete.**



Rangeline Tapping Services, Inc.
Main Office ♦ (800) 346-5971

13168 Highway 105 E
Conroe, TX 77306

(936) 445-2171 □ (936) 264-9108





Quote Number
RTS22-6810TR

- If the type of pipe changes from what we have quoted above, prices and scheduling may vary. Contractor or Municipality is responsible for verifying the type of pipe and it's O.D.
- Price does not include "Sales Tax" on supplied material.
- Rangeline may require a pre-construction meeting prior to scheduling any services.
- **Normal daytime hours (7:00AM- 7:00 PM CST) Monday through Friday. Technician(s) will have a \$250.00 per hour after hours charge, portal-to-portal. Additional Expenses will be charged at our cost plus 20%.**
- **Rangeline will allow (6) Mobilizations/De-Mobilizations to the job-site. Additional trips will be \$5,000.00 per trip. Mobilization charges are applied when the technician leaves the shop or job-site to start or after completion of the project.**
- If Rangeline arrives at the jobsite to perform scheduled work that does not get performed, through no fault of Rangeline Tapping Services, an additional trip charge will be charged regardless of the number of Mobilizations allowed for the scheduled work.
- Canceling a scheduled project after the technician(s) have left the shop will result in a Cancellation Fee, please refer to Terms and Conditions #13 (Page 4). This includes weather related cancellations.
- **Rangeline will allow each Line Stop to be left in place for (14) calendar day(s) or less. Each additional day will be charged as noted above including weekends. Limited to no more than 14 days from original quoted scope. Any days needed past the 14th additional day will require an approved changed notice before proceeding or equipment will have to be removed on the 14th day. The Change Order must be received by Rangeline prior to the 14th day.**
- **Stand-by charges will be billed at \$175.00 per hour / per technician during normal daytime hours and \$250.00 per hour / per technician during after hours.**
- Stand-by charges for equipment on the truck from portal-to-portal at \$7,000.00/per day.
- Pricing includes a standard 15-minute pressure test of all tapping sleeves and line stop fittings. If the pressure test is required to be longer than 15 minutes, additional charges will be billed at \$150.00 per hour. When customer installs material and it does not pass the standard 15-minute pressure test, all Rangeline labor will be billed at \$150.00/hr.
- **I have read and understand the conditions on which these prices are based upon. (Initials) _____**
This is a 4-page proposal. Please read it in its entirety, then sign and return page 4 prior to scheduling work. Please see the attached page for the customer's responsibility.

Additional charges may be added for ID badges, security check-in or job postponements due to site events.

Above costs do not include office expense for extensive contract agreements.

Sub-Contract agreements (when required) must be received by Rangeline Tapping Services, Inc. prior to starting work. Rangeline will not be responsible for meeting any requirements stated in a Sub-Contract agreement after the proposed work has begun.

Certificates of insurance with contractor as a certificate holder can be provided at no cost. Adding contractor as additional insured cannot be done unless we have a written contract with your company. Coverage required above the limits of our policy is not included.



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Quote Number
RTS22-6810TR

Quotation is valid for 30 days.

No retainage allowed.

If you have any questions, please feel free to contact our sales team in your region listed below:

Gulf Coast Regional Sales Manager

Tim Rodriguez

(713) 325-1111 trodriquez@Rangeline.com

Southern Regional Director of Sales

Monty Harrup

(682) 250-2153 monty@rangeline.com

National & International Sales

Greg Foushi

(407) 453-1060 greg@rangeline.com

Thank you for the opportunity to quote your project!

Please visit our “NEW” website at www.rangeline.com

CUSTOMER IS RESPONSIBLE FOR THE FOLLOWING:

- Flow rates of 1 ft/sec for Single position Line Stops or 2 ft/sec for Double position Line Stops shall not be exceeded while Line Stop heads are inserted. If the flow rates are higher than the above noted rates, the flow will need to be lowered. These rates and flow direction will need to be confirmed by the customer, owner, and/or engineer before any Line Stop heads are inserted. Rangeline will not be held liable for misinformation concerning flow rates, flow direction or water forces within the piping which causes damage to the piping system. Owner and/or Engineer is responsible for all proper information. Flow Rate must be measured at the point of the line stop location. Please be advised that “NOT” knowing the flow direction or the feet per second conditions during the insertion of the Line Stop equipment may cause damage to the pipe and or Rangeline equipment. In the event this occurs Rangeline will be compensated for its time, material, equipment damage and services.**
- Excavating, de-watering, shoring, and/or scaffolding of job area, all of which must comply with OSHA standards.
- 12’ extension ladder, light pole, and pump for de-watering.



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Quote Number
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- Scheduling inspectors and obtaining permits as necessary.
- Labor assistance of 1 man to be supervised by Rangeline Technician(s).
- Lifting services if necessary.
- Concrete pipe anchor or mega lug joint restraint system if required.
- Concrete support for the Line Stop Fitting if required.
- O.D. measurements prior to scheduling.
- Pipe wall thickness prior to scheduling.

Rangeline Tapping Services, Inc. - Terms and Conditions

1. **Rangeline** has issued this quotation based upon all information provided by the Customer.
2. All prices quoted are subject to current sales and use taxes. Any increase or enactment of new sales, use, excise or similar taxes shall be passed onto the account of Customer. The price does not include any amounts for changes in taxes, tariffs, or other similar charges that are enacted after the date of this Quotation. Subcontractor shall be entitled to an equitable adjustment in time and money for any costs that it incurs directly or indirectly that arise out of or relate to changes in taxes, tariffs, or similar charges due to such changes, including, without limitation, escalation, delay damages, cost to re-procure, cost to change suppliers, costs of manufactured equipment or goods, or other costs of any kind resulting from the changes.
3. The prices quoted above are based upon the quantities, sizes and operating conditions as listed above. Any changes in quantities, sizes or operating conditions of the system will void this quotation and a new quotation will be issued on the basis of changed information or operating conditions. Any projects that are booked and in progress that require changes in the quantities, sizes and/or operating conditions that differ with this quotation will be subject to pricing changes based upon new data related to the project.
4. In the case of unusual or non-typical pipe variations the Customer will be subject to additional costs.
5. The base price quoted is the minimum charge for the number of days allowed and is not subject to pro-ration for work completed early. Time on site for calculating the base period and the additional days commences the day the technician or equipment are on the job site and ends when equipment leaves the job site or the customer's custody. Any additional days the equipment is on the job site will be paid by the customer at the per day charge quoted. For jobsite or travel days that fall on weekends or holidays, the price quoted will be increased accordingly to reflect or weekend or holiday pricing.
6. **Rangeline shall not be held liable for any back charges without prior written consent of Rangeline. Rangeline does not guarantee that the placement of the Line Stop head(s) into the pipe system the first time will provide a "Workable" shutdown. In the event it is necessary for Rangeline to remove the Line Stop head and replace a seal and make any adjustments to the head/equipment such activity shall not be considered a delay of work at the job site. If the Line Stopper cannot be removed an additional Line Stop will be needed and be performed at the customers expense.**
7. **Rangeline** makes every effort to ensure "OSHA" safe working conditions for its employees. Customer agrees and shall provide **Rangeline** employees with safe working conditions prior to entering the workplace.
8. **Rangeline** cannot take responsibility for actions other than its own employees. **Rangeline** will be liable and will hold Customer harmless from the compensatory but not consequential damages caused solely by defect in **Rangeline's** equipment or caused solely by the negligence of **Rangeline** employees in the operation of the equipment. All other losses, costs, expenses, liability, or damages arising from or connected with the performance of the work will not be the responsibility of **Rangeline** and customer will indemnify and hold **Rangeline** harmless there from.
9. **Rangeline** makes no warranty on any purchased products. Please refer to manufacturer for details on warranty.
10. Manufacturers of Valve Inserts do not guarantee a 100% shutdown. **Rangeline** cannot exceed the Manufacturers' guarantee of valve performance. We install all valve inserts as per manufacturers' specified procedures. **NOTE:** Valve Inserts are not designed to be pressure tested against. A 30% restocking fee will be assessed for all returned Valves and fittings.
11. In the case of unusual line stopping conditions, **Rangeline** may require an owner of the piping system or their representative to be present during the pressure testing of materials and insertion of the Line Stop into their system
12. **Rangeline** will provide Tapping, Line Stopping equipment and a technician to operate equipment. Customer is responsible for providing all other equipment, supervision and labor necessary to complete the work including inspection, testing, safety and control equipment, lifting and moving equipment, etc.
13. Customer shall pay for all costs and expenses incurred by **Rangeline** because of rescheduling or cancellation by the customer for any reason including but not limited to inclement weather.
14. In regards to concrete pipe only, the condition of the interior mortar lining may adversely affect the percentage of the amount recovered during tapping operation. **Rangeline** cannot be held responsible for any unforeseen, and or diminished conditions of such pipe.



Rangeline Tapping Services, Inc.
Main Office ♦ (800) 346-5971
13168 Highway 105 E
Conroe, TX 77306
(936) 445-2171 □ (936) 264-9108





Quote Number
RTS22-6810TR

15. All Tapping Sleeves & Line Stop materials fabricated for PCCP & RCP pipes are non-returnable once fabricated. The customer is responsible for the accumulated costs of the materials, freight, and sales tax for all these items once ordered. These materials are custom ordered and "NON-RETURNABLE".
16. The supply of bid and or performance bonds is excluded. **Rangeline** supply these bonds only when specifically stated on the quotation.
17. Any invoice unpaid for more than 30 days will be subject to the maximum finance charges allowed by applicable state law. **Rangeline** does not allow retainage on any invoices.
18. Clerical errors made in good faith are subject to correction within **Rangeline** sole discretion.
19. Notwithstanding these terms and conditions or any amendments thereto or terms and conditions of the customer who may be deemed part of this agreement, **Rangeline** shall not be liable for any losses, costs, expenses, liability or damages arising from or connected with the performance of the work not covered by **Rangeline's** liability insurance in effect at the time of such loss, etc., and Customer shall hold **Rangeline** harmless for any loss, etc., in excess of coverage. **Rangeline** will provide Customer a certificate of its liability insurance upon request.
20. In the event it becomes necessary for **Rangeline** to retain legal counsel to enforce its rights the Customer agrees that it shall be responsible for payment of all reasonable attorney's fees, expenses and costs incurred by **Rangeline**.
21. **Rangeline** shall not be held liable for any pipe which breaks or leaks as a result of material installation, Tapping pipe, Line Stopping pipe or completion of line stop fitting. **Rangeline** follows all material manufacturers' installation procedures and operates all equipment to manufacturer's standards and cannot be held responsible for pipe which fails during the Tapping and Line Stopping operation.
22. **Rangeline** will take all means available to capture the pipe coupon. Pipe integrity, flow rates and other unknowns at the time of the Wet/Hot Tapping operation can be contributing factors. Therefore, **Rangeline** cannot be responsible for any lost or pieces of the coupons which do not come out after the tap is performed.
23. **Rangeline** does not guarantee a 100% leak free Completion Plug installation. The Completion Plug is a temporary seal to remove the isolation valve to install the permanent blind flange and sealing hardware.
24. **Rangeline** will not be responsible for reduced flow through temporary by-pass system due to solids or debris clogging by-pass operations.

Customer _____ Rangeline _____
Signature _____ Date _____ Signature _____ Date _____
Customer acknowledges and accepts all information regarding supplied quotation.



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HVAC SUBCONTRACTOR PROPOSAL
GARLAND

Garland Heating and Air
Pflugerville Project
Scope Comparasion - Original Versus Revised

ORIGINAL

Equipment	CH-1		CH-2		CH-3		CH-4		Original Scope - \$ Assignment	
	Qty	Description	Qty	Description	Qty	Description	Qty	Description		
AC Units	2		-		-		-		\$ (35,000)	
RTUs	-		-		2	RTU-31101,02	-		\$ (175,000)	
Heaters	2		-		-		-		\$ (22,000)	
Louvers	-		-		-		4		\$ (17,000)	
Dampers	5	Fire/Smoke	-		-		-		\$ (175,000)	
Fans	5	FRP	4	FRP ReCirculation	-		2	Alum	\$ (215,000)	
FRP Ductwork	1		-		-		-		\$ (460,000)	
Air Devices	-		-		-		2		\$ (15,000)	
									MATERIALS	\$ (1,114,000)
									LABOR	\$ (295,000)
									OTHER	\$ (115,000)
									TOTAL	\$ (1,524,000) (a)

deduct -\$77K

REVISED

Equipment	CH-1		CH-4		CH-3		Comments	Revised Scope - \$ Assignment	Deducts	Final Pricing		
	Qty	Description	Qty	Description	Qty	Description						
AC Units	5		-		-		2 - Original 3 - New	\$ 95,000	\$ -	\$ 95,000		
RTUs	2	RTU-31101,02 2 - 25 TON	-		-		2 - Removed 2 - New	\$ 463,000	\$ (175,000)	\$ 288,000		
Heaters	15	2 - Original (UH-31103,4) 10 - 10KW 3 - 2 KW	-		-		2 - Original 13 - New	\$ 174,000	\$ -	\$ 174,000		
Louvers	11		6		-		4 - Original (Acoustical) 11 - New 2 - New (Acoustical)	\$ 189,000	\$ -	\$ 189,000		
Dampers	11	Motorized	-		-		5 - Removed (Fire/Smoke) 11 - New (Motorized)	\$ 294,000	\$ -	\$ 294,000		
Fans	18	6 - Exhaust Fans (20,000 CFM) 4 - Exhaust Fan (3 @1,000 CFM and 1 @ 3,000 CFM)	3	Exhaust Fan (EF31501-EF31503)	-		6 - New 4 - New Exhaust Fan in CH-1A 1 - New Exhaust Fan in CH-4 5 - Removed	\$ 262,000	\$ -	\$ 262,000		
FRP Ductwork and accessories	1	4 - FRP Roof Fans 4 - FRP Recirculation	-		-		No Change	\$ -	\$ -	\$ -		
Air Devices	-		12		-		Change in the Duct Lot including accessories 12 - New	\$ 642,000	\$ -	\$ 642,000		
									MATERIALS	\$ (275,000)	\$ 2,284,000	
									LABOR	\$ 675,000	\$ (45,000)	\$ 630,000
									OTHER	\$ 279,500	\$ (17,500)	\$ 262,000
									TOTAL	\$ 3,513,500	\$ (337,500)	\$ 3,176,000

VE Opportunity (75,000)
\$ 3,101,000 (b)

Net Change Order ~~\$ 1,577,000~~ (a)-(b)

\$1,500,000

Garland Heating and Air
Pflugerville Project
Value Engineering Proposal - Estimate ONLY

TYPE	Size/Specs	Plan	Building	Qty	Comments	VE OPPORTUNITY YES/NO	Value		Rationale/Comments
							Engineering \$ Impact	VE Suggested Manufacturer	
RTUs									
		CH-1A	Membrane	2	25 TON				
				Sub-TOTAL		No	N/A	N/A	GHAC confirmed with other approved Manufacturers and at this time can not find alternate for AAON Specifications.
A/C Units									
AC and CU VRF Systems		AH-1	Pump Station	4					
AC and CU VRF Systems		BH-1	Pre-Treatment	2					
AC and CU VRF Systems		CH-1A	Membrane	2					
AC and CU VRF Systems		EH-1	HSPS	3					
AC and CU VRF Systems		FH-1	Chemical Facility	2					
AC and CU VRF Systems		GH-1	Solids Handling	3					
AC.CU-Membrane 1		CH-1A	Membrane	3					
				Sub-TOTAL		NO	N/A	N/A	Few players in Ductless market and relatively no gain in VE.
Metal Louvers									
LV-11103	72X72	AH-1	Pump Station	2					
LV-11104	48X48	AH-1	Pump Station	1					
LV-21101	40X40	BH-1	Pre-Treatment	1					
LV-51101 to 51104	48X48	EH-1	HSPS	4					
LV-51105, 51106	48X40	EH-1	HSPS	2					
Unnamed	24X48	CH-1A	Membrane	2					
Unnamed	72X66	CH-1A	Membrane	10					
				Sub-TOTAL		YES		Pottorff	See Below Combined with Dampers
Acoustic Louvers									
				Qty					
CH-4 - Blower Bldg	48X66	CH-4A	Membrane Blower	6		YES		Pottorff	See Below Combined with Dampers
Metal Dampers									
				Qty					
LV-11103	72X72	AH-1	Pump Station	2					
LV-11104	48X48	AH-1	Pump Station	1					
LV-21101	40X40	BH-1	Pre-Treatment	1					
Dampers for EF-21101 and 02	12X12	BH-2	Pre-Treatment	2					
LV-51101 to 51104	48X48	EH-1	HSPS	4					
LV-51105, 51106	48X40	EH-1	HSPS	2					
Unnamed	72X66	CH-1A	Membrane	10					
Unnamed	18X18	FH-1	Chemical Facility	1					
Unnamed	48X48	CH-1A	Membrane	6	These go with 6 Fans				
Unnamed	48X49	CH-1A	Membrane	4	3- 1000 CFM, 1-1,000 CFM				
				Sub-TOTAL		No	N/A	N/A	We have price lock for this as a packaged deal for FRP Fans and Louvers and Dampers. Savings are a wash if separating the FRP Roof Fans with Louvers and Dampers since we have a aggregated pricing from the vendor for the entirety of the job.
FRP Louvers									
				Qty					
LV-61101, 61102	40X40	FH-1	Chemical Facility	2					
LV-61103	48X40	FH-1	Chemical Facility	1					
LV-61104	16X16	FH-1	Chemical Facility	1					
				Sub-TOTAL		NO	N/A	N/A	Engineers might want to swap from FRP to Metal and there might be an opportunity. AACE to confirm
FRP Dampers @ Lvrs									
				Qty					
DPR-61101, 61102	40X24	FH-1	Chemical Facility	2					
DPR-61103, 61104	40X16	FH-1	Chemical Facility	2					
DPR-61105	48X24	FH-1	Chemical Facility	1					
DPR-61106	48X16	FH-1	Chemical Facility	1					
DPR-61107	16X16	FH-1	Chemical Facility	1					
				Sub-TOTAL		NO	N/A	N/A	
FRP Dampers in Duct									
				Qty					
EF-61102, 61104	32X32	FH-1	Chemical Facility	2					

EF-61106	36X36	FH-1	Chemical Facility	1				
EF-61101, 61103, 61105	14X14	FH-1	Chemical Facility	3				
Sub-TOTAL				6		NO	N/A	N/A
FRP Dampers as part of the Ductwork								
Duct w/EF-31201 to 07	12"Round	CH-1A	Membrane	7				
Sub-TOTAL				7		NO	N/A	N/A
Metallic Fans								
EF-11101		AH-1	Pump Station	1				
EF-21101, 21102		BH-1	Pre-Treatment	2				
EF- Unnamed		CH-1A	Membrane	6	Greenheck (20,000 CFM)			
EF- Unnamed		CH-1A	Membrane	4	3 Fans - 1,000 CFM			
EF-31501, 31502, 311503		CH-4A	Membrane Blower	3	1 Fan - 3,000 CFM			
EF-51101, 51102		EH-1	HSPS	2				
EF-61107		FH-1	Chemical Facility	1				
Sub-TOTAL				19		No	N/A	N/A
EF31501-1 thru 3: Fans are Belt Driven. GHAC checked with vendor and noted that only Greenheck makes Direct Drive for those sizes.								
FRP Recirculation Fans								
RF-31101 to 31104	N/A	CH-1A	Membrane	4		NO	N/A	N/A
FRP Fans								
				Qty				
EF-31201 to 31204		CH-1A	Membrane	4				
EF-61101 to 61106		FH-1	Chemical Facility	6				
Sub-TOTAL				10		NO	N/A	N/A
Sound Attenuators								
				Qty				
RF-31101 to 31103	18X18X36	CH-4A	Membrane Blower	12		NO	N/A	N/A
Unit Heaters								
				Qty				
UH-11101		AH-1	Pump Station	1				
UH-21101-02		BH-1	Pre-Treatment	2				
UH-51101-04		EH-1	HSPS	4				
UH-61101-07		FH-1	Chemical Facility	7				
UH-31101-04								
Unnamed		CH-1A	Membrane	15				
Sub-TOTAL				29		YES	(75,000)	Chromalox
See submittals for confirmation. Substituted from Indeco.								
FRP Ductwork								
				Qty				
LoF of FRP Ductwork		CH-1A	Membrane	1				
LoF of FRP Ductwork		FH-1	Chemical Facility	1				
Sub-TOTAL				2		NO	N/A	N/A
Vent Products/Screens								
	72X72	AH-1	Pump Station	2				
	40X40	BH-1	Pre-Treatment	1				
	48X66	CH-1	Membrane	6				
	48X40	EH-1	HSPS	2				
	48X40	FH-1	Chemical	1				
	40X40	FH-1	Chemical	2				
Sub-TOTAL				14		NO	N/A	N/A
No Price Differential								

TOTAL VE POTENTIAL SAVINGS (\$75,000)

VALUE ENGINEERING CONSIDERATIONS and EXCLUSIONS: Since the plans were 95% for the Membrane Building, there were certain assumptions based on the existing scope as outlined below highlighting the deviations between specification and plans.

NOTE 1: VALIDITY OF QUOTE

A: Holding the prices for ALL Building except Membrane until **August 31, 2023** assuming that we receive approved submittals and release equipment by that date. Any increase in pricing would be passed to the GC.

B: Similarly, holding prices for "Membrane Building" through end of **December 31, 2023** assuming we receive approved submittals and release equipment by that date.

**CONSTRUCTION EQUIPMENT
BACK UP DOCUMENTS**

Rental Rate Blue Book®

July 29, 2020

Caterpillar CS34

Single Drum Vibratory Compactors

 Size Class:
3.0 - 4.9 MTons
 Weight:
N/A

Configuration for CS34

Drum Type	Smooth	Drum Width	50 in
Power Mode	Diesel		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$3,775.00	USD \$1,060.00	USD \$265.00	USD \$40.00	USD \$21.71	USD \$43.16
Adjustments						
Region (Texas: 89.4%)	(USD \$400.15)	(USD \$112.36)	(USD \$28.09)	(USD \$4.24)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$3,374.85	USD \$947.64	USD \$236.91	USD \$35.76	USD \$21.71	USD \$40.89

Non-Active Use Rates

	Hourly
Standby Rate	USD \$9.59
Idling Rate	USD \$23.80

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	53%	USD \$2,000.75/mo
Overhaul (ownership)	28%	USD \$1,057.00/mo
CFC (ownership)	8%	USD \$302.00/mo
Indirect (ownership)	11%	USD \$415.25/mo
Fuel (operating) @ USD 2.40	21%	USD \$4.62/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

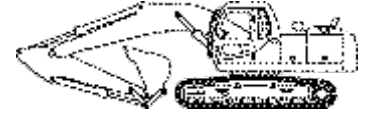
The equipment represented in this report has been exclusively prepared for JAYME BEAN
 (jayne.bean@wwebber.com)

Rental Rate Blue Book®

July 10, 2023

Deere 85G

Crawler Mounted Hydraulic Excavators



Size Class:

8.5 - 10.4 mt

Weight:

N/A
Configuration for 85G

Operating Weight

19244.0 lbs

Power Mode

Diesel
Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$11,800.00	USD \$3,305.00	USD \$825.00	USD \$125.00	USD \$39.22	USD \$106.27
Adjustments						
Region (Texas: 100.2%)	USD \$23.60	USD \$6.61	USD \$1.65	USD \$0.25		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$11,823.60	USD \$3,311.61	USD \$826.65	USD \$125.25	USD \$39.22	USD \$106.40

Non-Active Use Rates

Standby Rate

Hourly

USD \$33.59

Idling Rate

USD \$73.21

Rate Element Allocation

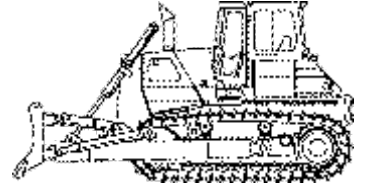
Element	Percentage	Value
Depreciation (ownership)	33%	USD \$3,894.00/mo
Overhaul (ownership)	44%	USD \$5,192.00/mo
CFC (ownership)	14%	USD \$1,652.00/mo
Indirect (ownership)	10%	USD \$1,180.00/mo
Fuel (operating) @ USD 3.88	15%	USD \$6.03/hr

Revised Date: 3rd quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

 The equipment represented in this report has been exclusively prepared for Jamie McQueen
 (jconklin@wwebber.com)

Rental Rate Blue Book®
Deere 450K
 Standard Crawler Dozers

 Size Class:
75 - 84 hp
 Weight:
N/A

Configuration for 450K

Dozer Type	Crawler	Operator Protection	EROPS
Power Mode	Diesel		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$11,610.00	USD \$3,250.00	USD \$815.00	USD \$125.00	USD \$47.54	USD \$113.51
Adjustments						
Region (Texas: 100.1%)	USD \$11.61	USD \$3.25	USD \$0.81	USD \$0.13		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$11,621.61	USD \$3,253.25	USD \$815.82	USD \$125.13	USD \$47.54	USD \$113.57

Non-Active Use Rates

	Hourly
Standby Rate	USD \$33.02
Idling Rate	USD \$74.38

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	24%	USD \$2,786.40/mo
Overhaul (ownership)	52%	USD \$6,037.20/mo
CFC (ownership)	13%	USD \$1,509.30/mo
Indirect (ownership)	11%	USD \$1,277.10/mo
Fuel (operating) @ USD 3.88	18%	USD \$8.35/hr

Revised Date: 3rd quarter 2023

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 (jconklin@wwebber.com)

Rental Rate Blue Book®

July 7, 2023

Kobelco CK1200G-2
 Crawler Mounted Lattice Boom Cranes

 Size Class:
107.5 - 149.4 mt
 Weight:
N/A
Configuration for CK1200G-2

Boom Base Length	50 ft	Maximum Lift Capacity	240000 lbs
Horsepower	285 hp	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$60,645.00	USD \$16,980.00	USD \$4,245.00	USD \$635.00	USD \$183.34	USD \$527.91
Adjustments						
Region (Texas: 100%)	-	-	-	-		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$60,645.00	USD \$16,980.00	USD \$4,245.00	USD \$635.00	USD \$183.34	USD \$527.91

Non-Active Use Rates

	Hourly
Standby Rate	USD \$172.29
Idling Rate	USD \$381.09

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	27%	USD \$16,374.15/mo
Overhaul (ownership)	41%	USD \$24,864.45/mo
CFC (ownership)	16%	USD \$9,703.20/mo
Indirect (ownership)	16%	USD \$9,703.20/mo
Fuel (operating) @ USD 3.88	20%	USD \$36.52/hr

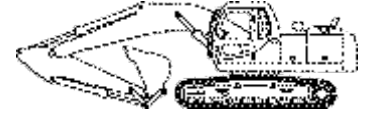
Revised Date: 3rd quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Jamie McQueen (jconklin@wwebber.com)

Rental Rate Blue Book®

July 7, 2023

Deere 350G LC
 Crawler Mounted Hydraulic Excavators

 Size Class:
33.5 - 40.4 mt
 Weight:
76557 lbs
Configuration for 350G LC

 Operating Weight **34.7 mt** Power Mode **Diesel**
Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$15,145.00	USD \$4,240.00	USD \$1,060.00	USD \$160.00	USD \$65.81	USD \$151.86
Adjustments						
Region (Texas: 100.2%)	USD \$30.29	USD \$8.48	USD \$2.12	USD \$0.32		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$15,175.29	USD \$4,248.48	USD \$1,062.12	USD \$160.32	USD \$65.81	USD \$152.03

Non-Active Use Rates

	Hourly
Standby Rate	USD \$43.11
Idling Rate	USD \$110.91

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	33%	USD \$4,997.85/mo
Overhaul (ownership)	44%	USD \$6,663.80/mo
CFC (ownership)	14%	USD \$2,120.30/mo
Indirect (ownership)	10%	USD \$1,514.50/mo
Fuel (operating) @ USD 3.88	38%	USD \$24.69/hr

Revised Date: 3rd quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

 The equipment represented in this report has been exclusively prepared for Jamie McQueen
 (jconklin@wwebber.com)

Rental Rate Blue Book®

July 9, 2020

Komatsu WA380-7

4-Wd Articulated Wheel Loaders

 Size Class:
175 - 199 HP
 Weight:
39840 lbs

Configuration for WA380-7

 Operator Protection **ROPS/FOPS** Power Mode **Diesel**
Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$6,555.00	USD \$1,835.00	USD \$460.00	USD \$69.00	USD \$33.30	USD \$70.54
Adjustments						
Region (Texas: 88.9%)	(USD \$727.60)	(USD \$203.68)	(USD \$51.06)	(USD \$7.66)		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$5,827.40	USD \$1,631.31	USD \$408.94	USD \$61.34	USD \$33.30	USD \$66.41

Non-Active Use Rates

	Hourly
Standby Rate	USD \$16.56
Idling Rate	USD \$47.87

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$2,884.20/mo
Overhaul (ownership)	39%	USD \$2,556.45/mo
CFC (ownership)	7%	USD \$458.85/mo
Indirect (ownership)	10%	USD \$655.50/mo
Fuel (operating) @ USD 2.40	44%	USD \$14.76/hr

Revised Date: 2nd half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

 The equipment represented in this report has been exclusively prepared for JAYME BEAN
 (jayne.bean@wwebber.com)

Rental Rate Blue Book®

July 7, 2023

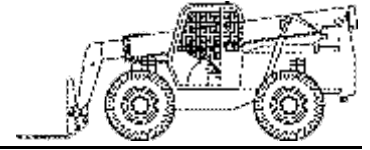
Sky Trak 12054

Telescoping Boom Rough Terrain Lift Trucks

Size Class:

5.0 mt & Over

Weight:

N/A

Configuration for 12054

Base Capacity	12000 lbs	Horsepower	110 hp
Maximum Lift Height	638 in	Maximum Reach	466 in
Power Mode	Diesel		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$18,820.00	USD \$5,270.00	USD \$1,320.00	USD \$200.00	USD \$71.72	USD \$178.65
Adjustments						
Region (Texas: 99.8%)	(USD \$37.64)	(USD \$10.54)	(USD \$2.64)	(USD \$0.40)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$18,782.36	USD \$5,259.46	USD \$1,317.36	USD \$199.60	USD \$71.72	USD \$178.44

Non-Active Use Rates

Standby Rate	Hourly	USD \$53.36
Idling Rate	Hourly	USD \$118.72

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	15%	USD \$2,823.00/mo
Overhaul (ownership)	63%	USD \$11,856.60/mo
CFC (ownership)	10%	USD \$1,882.00/mo
Indirect (ownership)	12%	USD \$2,258.40/mo
Fuel (operating) @ USD 3.88	17%	USD \$12.00/hr

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Jamie McQueen (jconklin@wwebber.com)

Rental Rate Blue Book®
Takeuchi TL10V2
 Compact Track Loaders

 Size Class:
2501 - 2850 lbs
 Weight:
N/A

Configuration for TL10V2

Horsepower	74.3 hp	Operating Capacity (35% Of Tip Load)	2522.0 lbs
Operator Protection	ROPS/FOPS	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$8,545.00	USD \$2,395.00	USD \$600.00	USD \$90.00	USD \$30.38	USD \$78.93
Adjustments						
Region (Texas: 100.1%)	USD \$8.55	USD \$2.39	USD \$0.60	USD \$0.09		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$8,553.54	USD \$2,397.40	USD \$600.60	USD \$90.09	USD \$30.38	USD \$78.98

Non-Active Use Rates

	Hourly
Standby Rate	USD \$24.30
Idling Rate	USD \$59.27

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	18%	USD \$1,538.10/mo
Overhaul (ownership)	55%	USD \$4,699.75/mo
CFC (ownership)	11%	USD \$939.95/mo
Indirect (ownership)	15%	USD \$1,281.75/mo
Fuel (operating) @ USD 3.88	35%	USD \$10.67/hr

Revised Date: 3rd quarter 2023

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