

COB - BOSAIR FORM

11/21/2025 4:11 PM (MST)

Submitted by James.Johnson@pima.gov



BOARD OF SUPERVISORS AGENDA ITEM REPORT (BOSAIR)

All fields are required. Enter N/A if not applicable. For number fields, enter 0 if not applicable.

Record Number: PO PDC PO2400013663

Award Type: Contract

Is a Board Meeting Date Requested? Yes

Requested Board Meeting Date: 12/02/2025

Signature Only:

NO

Procurement Director Award / Delegated Award: • N/A

Supplier / Customer / Grantor / Subrecipient: Kiewit Infrastructure West Co.

Project Title / Description: Design-Build Services: Class A Biosolids Solar Drying Facility (3TRCAB)

Purpose: Amendment: Contract No. PO2400013663, Amendment No. 5. This amendment extends the term of the contract to 12/31/27 to incorporate Guaranteed Maximum Price-3 (GMP-3), increase the contract amount by \$17,990,593.43 for a cumulative not-to-exceed amount of \$43,368,466.18, and to allow for project completion and closeout activities. Due to the specialized nature of the work, no SBE goal has been established for GMP-3. Administering Department: Project Design and Construction.

Procurement Method: Other

Insert additional Procurement Method info, if applicable: Pursuant to Solicitation for Qualifications No. SFQ-PO-2300008, on 05/16/23, the Board of Supervisors awarded a contract for this project in the amount of \$6,989,384.44 for a contact term of 05/16/23 to 05/16/26.

Amendment No. 1 was approved by the Procurement Director, on 11/21/24, to change the contract number to PO2400013663 (formerly CT-CPO-23-285), incorporate additional Design and Pre-Construction Services, incorporate Guaranteed Maximum Price-1 (GMP-1), increase the contract amount by \$6,180,245.62 for a cumulative not-to-exceed amount of \$13,169,630.06, and add the Heat Injury and Illness Prevention and Safety Plan clause to the Contract. Due to the specialized nature of the work, no Small Business Enterprises (SBE) goal was established for GMP-1.

Amendment No. 2 was approved by the Procurement Director, on 07/02/25, to incorporate Guaranteed Maximum Price-2 (GMP-2), in the amount of \$12,378,649.19 for a cumulative not-to-exceed amount of \$25,548,279.25. Due to the specialized nature of the work, no Small Business Enterprises (SBE) goal was

TO: COB, 11/25/25 (1)
VERSION: 8
PAGES: 194

ADDENDUM

established for GMP-2.

Amendment No. 3 was approved by the Procurement Director, on 07/31/25, to increase the amount of the contract by \$200,079.43 due to increased material cost for a cumulative not-to-exceed amount of \$25,748,358.68.

Amendment No. 4 was approved by the Procurement Director, on 08/15/25, to decrease the amount of the contract by (\$370,485.93) due to changes in the design scope of work, for a cumulative not-to-exceed amount of \$25,377,872.75.

On 05/16/23, the Board of Supervisors, authorized the Procurement Director to execute all modifications, including one or more Guaranteed Maximum Price (GMP) packages, provided that the cumulative total of all GMPs, Design and Pre-Construction Services does not exceed \$40,000,000.00 and the contract expiration date does not exceed 05/16/26, which allows for all contract close-out activities and final submittals.

Attachment: Amendment No. 5

Program Goals/Predicted Outcomes:

The goal of this project is to improve the quality of biosolids produced at the Tres Rios Wastewater Reclamation Facility from Class B to Class A while simultaneously reducing the volume of biosolids transported from the facility. The goal is to dry biosolids from 20% to greater than 85% total solids while utilizing renewable resources with minimal increase in electrical power consumption.

Public Benefit and Impact:

Class A biosolids have a higher quality and greater flexibility for beneficial reuse and travel distances reduction in transported volume lessens trucking costs and provides best practices for the treatment and disposal of biosolids, increases capacity for future needs, and increases energy efficiency at the Tres Rios Wastewater Reclamation Facility.

Budget Pillar

- Critical infrastructure & economic growth

Support of Prosperity Initiative:

- N/A

Provide information that explains how this activity supports the selected Prosperity Initiatives

N/A

Metrics Available to Measure Performance:

The Design-Builder's performance will be measured using the contractor evaluation process as outlined in BOS Policy D29.1 (E).

Retroactive:

NO

Amendment / Revised Award Information

Record Number: PO PDC PO2400013663

Document Type: PO

Department Code: PDC

Contract Number: PO2400013663

Amendment Number: 5

Commencement Date: 12/02/2025

Termination Date: 12/31/2027

Is the Termination Date new?

YES

Classification: Expense

Adjust Level: Increase

Prior Contract Number (If Applicable): CT-CPO-23-385

Amount This Amendment:

\$17,990,593.43

Funding Source(s) required: Regional Wastewater Reclamation Department Obligations

Funding from General Fund?

NO

Contract is fully or partially funded with Federal Funds?

NO

Department: Procurement

Name: James Johnson

99

Telephone: 520-724-7465

Add GMI Department Signatures

No

Division Manager/Procurement Officer Signature: Judy Cooper Digitally signed by Judy Cooper
Date: 2025.11.24 08:03:54 -07'00' Date: _____

Procurement Director Signature: Bruce D Collins Digitally signed by Bruce D Collins
Date: 2025.11.24 09:30:08 -07'00' Date: _____

Department Director Signature:  Signed by: _____
Date: 11/24/2025

Deputy County Administrator Signature:  Date: 11/25/2025

County Administrator Signature:  Date: 11/25/2025

PIMA COUNTY PROJECT DESIGN AND CONSTRUCTION DEPARTMENT

PROJECT: Design-Build Services: Class A Biosolids Solar Drying Facility (3TRCAB)

CONTRACTOR: Kiewit Infrastructure West Co.
3888 E. Broadway Rd.
Phoenix, Arizona 85040

CONTRACT NO.: PO2400013663

AMENDMENT NO.: 5

FUNDING Regional Wastewater Reclamation Department Obligations

CONTRACT TERM: 05/16/23 - 05/16/26	ORIGINAL CONTRACT AMOUNT:	\$	6,989,384.44
TERMINATION PRIOR AMENDMENT: 05/16/26	PRIOR AMENDMENT(S):	\$	18,388,488.31
TERMINATION THIS AMENDMENT: 12/31/27	AMOUNT THIS AMENDMENT:	\$	17,990,593.43
	REVISED CONTRACT AMOUNT:	\$	43,368,466.18

CONTRACT AMENDMENT

The Parties agree to amend the above-referenced contract as follows:

1. Background and Purpose.

- 1.1. Background. On May 16, 2023, County and Contractor entered into the above referenced agreement to provide Design-Build Services for Class A Biosolids Solar Drying Facility (3TRCAB).
- 1.2. Purpose. County intends to extend the term of the contract to 12/31/27 to incorporate Guaranteed Maximum Price 3 (GMP-3), increase the contract amount by \$17,990,593.43 for a cumulative not-to-exceed amount of \$43,368,466.18, and to allow for project completion and closeout activities. Due to the specialized nature of the work, no SBE goal has been established for GMP-3.

2. Effective Date, Term, and Schedule.

Section 2.2: This amendment extends the term of the contract to 12/31/27.

3. Scope of Services.

Add Section 3.7.2.2 SBE: "Incorporate Appendix F-2 – Small Business Enterprise Requirements (2 pages). Due to the specialized nature of the work, no SBE goal has been established for GMP-3."

Add Section 3.7.4 GMP-3: "Incorporate Appendix H – GMP-3, proposal dated November 19, 2025 (173 pages)."

4. Compensation and Payment.

Add Section 5.5.2.3 GMP- 3: "Incorporate Appendix H – GMP-3, proposal dated November 19, 2025 (173 pages)."

Attach: Appendix F-2 – Small Business Enterprise Requirements (2 pages)
Appendix H – GMP-3, proposal dated November 19, 2025 (173 pages)

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All other provisions of the Contract not specifically changed by this Amendment remain in effect and are binding upon the Parties.

PIMA COUNTY

Chair, Board of Supervisors

Date

ATTEST:

Clerk of the Board

Date

CONTRACTOR



Authorized Officer Signature

Darron Rolle

Printed Name and Title

11/25/2025

Date

This contract template has been approved as to form by the Pima County Attorney's Office.

APPENDIX F-2 – SMALL BUSINESS ENTERPRISE REQUIREMENTS (2 pages)

1. **Goal Setting Meeting:** The D-B, based on information provided by DP and County and prior to preparing each GMP Proposal, will meet with County's Business Enterprise Services to obtain Small Business Enterprise goals. The D-B will make a presentation to the Business Enterprise Services to identify the estimated value of Work to be performed by each Subcontractor/ Supplier. The Business Enterprise Services will establish the minimum goals for Work to be performed during the construction phase by County-certified SBE firms, expressed as a percentage of estimated construction costs for the Project. The D-B shall meet or exceed the minimum goals set for each phase of the Project.
2. **Documentation:** The D-B will submit the following documents with each GMP Proposal package if subcontractors have been selected prior to submission of the GMP Proposal. If the GMP Proposal is submitted prior to subcontractor selection, the D-B will submit these documents before the selected SBE subcontractor commences onsite construction operations.
 - a) Statement of Proposed SBE Utilization Form. The County will provide the Form to the D-B as required. The D-B shall list all proposed certified SBE subcontractors who will be performing work under the respective GMP Proposal package. On the form the D-B will list the name of the firm, the value of work to be performed by that firm, and the estimated percentage of the total Project construction cost to be performed by that firm. When received by the County, these Utilization forms will be sent to Business Enterprise Services Coordinator to verify that the firms are properly certified within the County's system.
 - b) Letters of Intent to Perform as a Subcontractor. These letters must be submitted for each Subcontractor or Supplier listed on the SBE Utilization form. These letters are prepared by the respective subcontractors and indicate the subcontractors' intent to perform the work as detailed on the D-B'S Utilization form for the indicated price.
3. **Goal:** The Agreed SBE goal for this Project is as follows:

GMP-1- 0%

GMP-2- 0%

GMP-3 - 0%
4. **SBE Utilization:**
 - 4.1 D-B shall utilize the Subcontractors stated on the Contractor's Statement of Proposed SBE Utilization form as part of each GMP submittal.
 - 4.2 **ONLY certified firms whose business is located within the Tucson Metropolitan Statistical Area may be counted against the SBE goal for each phase of the Project.** The most recent City of Tucson/Pima County Construction SBE directory is available at [Business Enterprise Program - Certification & Compliance System \(diversitycompliance.com\)](http://diversitycompliance.com)
5. **Compliance:** Submittal of the GMP to County shall constitute an agreement by the D-B to comply with the SBE utilization requirements of this Section. This includes, but is not limited to, the following compliance activities:
 - 5.1 D-B shall contract, or attempt to contract, in good faith with all SBE firms listed on the Statement of Proposed SBE Utilization form submitted with its GMP. The subcontract shall be for an amount that is equal to, or greater than, the total dollar amount listed on the form, with the exception of instances where County changes a scope of work in a GMP that would reduce the available Work in the Subcontractor's area of performance.

- 5.2 D-B shall notify the Business Enterprise Services Coordinator of the County Procurement Department immediately if any firm listed on the Statement of Proposed SBE Utilization form refuses to enter into a subcontract or fails to perform according to the requirements of the subcontract.
 - 5.3 D-B shall act in good faith to meet the SBE utilization goals and provide all necessary documentation to show proof of those efforts as requested by County.
 - 5.4 D-B shall participate in compliance reviews as determined necessary by County. This includes, but is not limited to, participating in on-site reviews and providing monthly utilization reports of SBE activity including signed copies of subcontracts and/or purchase orders with each SBE listed on the Statement of Proposed SBE Utilization form.
6. **Breach:** The D-B further agrees that breach of the SBE provisions contained herein may subject it to any or all of the following remedies:
- a) Withholding of ten percent (10%) of all future payments under the involved eligible project until it is determined that the D-B is in compliance;
 - b) Withholding of all future payments under the involved project until it is determined that the D-B is in compliance;
 - c) Consideration for suspension or debarment under Chapters 11.28 and 11.32 of the Pima County Procurement Code.
7. **Waiver:** D-B may submit a Certificate of Good Faith Effort/Request for Waiver and documentary evidence to support a full or partial waiver of the subcontracting goal if the goal is not met. A request for waiver may be rejected by County. Good faith efforts to meet a goal will not be recognized if D-B failed to contact the County Business Enterprise Program Coordinator to request assistance at (520) 724-3807.

End of Appendix F-2 – Small Business Enterprises Requirements



11/19/2025

James Johnson, Procurement Officer
Pima County Procurement | Design & Construction Division
150 West Congress Street, 5th Floor
Tucson, AZ 85701

Re: Class A Biosolids Solar Drying Facility (3TRCAB) GMP3 for PONDUS and Waste Heat Recovery System

Dear Mr. Johnson,

Please accept for your review this proposal for GMP03 of the Class A Biosolids Solar Drying Facility (3TRCAB), for a Guaranteed Maximum Price of \$17,990,593.43, which includes Design-Builder Contingency and includes Allowances as described on the attached GMP form. This proposal includes the following:

- Section 1 GMP Summary Form
- Section 2 Description of the Work
- Section 3 List of Plans and Specifications
- Section 4 List of Clarifications, Assumptions, and Exclusions
- Section 5 Project Schedule in Critical Path Format
- Section 6 Cash-Flow Forecast
- Section 7 Selected Subcontractors and Suppliers

Appendices

- A-1 Not used
- A-2 Hourly Staff Rates Table
- A-3 Design-Builder Risk Matrix
- A-4 Detailed Cost Table
- A-5 Sub and Supplier Quotes and Comparison Sheets
- A-6 Not used

Please contact me immediately if you have any questions or would like to discuss this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gabriel Gaytan', is written over a horizontal line.

Gabriel Gaytan, Project Manager

Cc: Larry Goodvin, Tony Parrack, Jeff Prevatt, Craig Roberts, Ty Morton



Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

11/18/2025

Section 1 - SUMMARY OF THE GMP

CONSTRUCTION	GMP3 Amount	Notes
CONSTRUCTION COSTS:		
Cost of Construction	\$ 11,806,926.02	
Allowance 1 - SCADA Programming & Integration	\$ 521,079.00	
Allowance 2 - Engineering Service During Construction	\$ 329,352.00	
Design-Builder Contingency	\$ 516,455.00	
Subtotal Direct Construction Costs	\$ 13,173,812.02	
INDIRECT CONSTRUCTION COSTS:		
General Conditions	\$ 935,612.94	
Overhead	\$ 1,357,608.87	9.622% - see audited financial statement in Appendix A-1
Insurance	\$ 116,002.75	0.75%
Payment and Performance Bonds	\$ 194,787.96	1.25%
Subtotal Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance	\$ 15,777,824.54	
Construction Fee (As a percentage of Subtotal above or to exclude any items above)	\$ 1,104,447.72	7.00%
Subtotal Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance and Fee	\$ 16,882,272.26	
Arizona Gross Receipt Tax	\$ 1,108,321.17	6.565%
Subtotal Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance and Fee and Tax	\$ 17,990,593.43	
GUARANTEED MAXIMUM PRICE (GMP)	\$ 17,990,593.43	
OTHER PROJECT COSTS:		
County Contingency	\$ -	
TOTAL CONTRACT COST	\$ 17,990,593.43	



Kiewit

Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

11/18/2025

Section 1.1 - DETAILED COST SCHEDULE

Item No.	Description	Qty	Unit	Total
A	DIRECT COSTS			\$ 13,173,812.02
A.1	COST OF CONSTRUCTION			\$ 11,806,926.02
A.1.1	MOBILIZATION	1	LS	\$ 784,766.95
A.1.2	TEMPORARY WORK	1	LS	\$ 116,483.37
A.1.3	CONSTRUCTION SURVEY	1	LS	\$ 98,614.15
A.1.4	QUALITY CONTROL	1	LS	\$ 156,206.47
A.1.5	SUBCONTRACT SUPPORT	1	LS	\$ 107,186.95
A.1.6	REMOVALS & DEMOLITION	1	LS	\$ 59,614.60
A.1.7	GRADING	1	LS	\$ 60,001.24
A.1.8	CIVIL SUPPORT OPERATIONS	1	LS	\$ 12,892.14
A.1.9	CIVIL UTILITIES	1	LS	\$ 228,468.96
A.1.10	AGGREGATES & PAVING	1	LS	\$ 67,116.58
A.1.11	DEEP FOUNDATIONS	1	LS	\$ 283,239.95
A.1.12	CONCRETE	1	LS	\$ 458,467.24
A.1.13	STRUCTURAL STEEL	1	LS	\$ 417,565.70
A.1.14	MECHANICAL PIPING	1	LS	\$ 5,897,610.21
A.1.15	MECHANICAL EQUIPMENT	1	LS	\$ 580,903.87
A.1.16	ELECTRICAL & INSTRUMENTATION	1	LS	\$ 2,059,459.98
A.1.17	STARTUP AND PERFORMANCE TESTING	1	LS	\$ 418,327.66
A.2	ALLOWANCE 1: SCADA PROGRAMMING & INTEGRATION	1	LS	\$ 521,079.00
A.3	ALLOWANCE 2: ENGINEERING SERVICES DURING CONSTRUCTION	1	LS	\$ 329,352.00
A.4	DESIGN-BUILDER CONTINGENCY	1	LS	\$ 516,455.00
B	INDIRECT COSTS			\$ 2,604,012.52
B.1	GENERAL CONDITIONS	1	LS	\$ 935,612.94
B.2	OVERHEAD	9.622%		\$ 1,357,608.87
B.3	INSURANCE	0.750%		\$ 116,002.75
B.4	PAYMENT AND PERFORMANCE BONDS	1.250%		\$ 194,787.96
C	CONSTRUCTION FEE	7.00%		\$ 1,104,447.72
D	AZ GROSS RECEIPT TAX	6.565%		\$ 1,108,321.17
	GRAND TOTAL			\$ 17,990,593.43



Section 2 - DESCRIPTION OF WORK

The project scope includes the following major items. Detailed scope description can be found in the additional sections below and in the Appendix:

1. PONDUS

- Demo existing underground & aboveground piping, concrete pads and walls.
- Install new concrete foundations for PONDUS and a control building.
- Install concrete footings for a pipe bridge and pipe supports.
- Install PONDUS system and a control building.
- Install underground and aboveground piping.
- Tie-in hot water pipe in Building 86.

2. Waste Heat Recovery

- Demo existing piping and concrete wall at Building 86 for new connections.
- Install new concrete foundations for new heat exchangers and pipe supports.
- Install pipe supports and yard piping.
- Install heat exchangers.
- Tie-in hot water pipe in to Building 86.



Section 3 - LIST OF PLANS AND SPECIFICATIONS

The as-bid plans and specifications are incorporated here by reference

- TRES RIOS WATER RECLAMATION FACILITY, PONDUS THERMAL ALKALINE HYDROLYSIS DRAWINGS (90% DESIGN), dated June 2025
- TRES RIOS WATER RECLAMATION FACILITY, PROJECT SPECIFICATIONS, PONDUS – THERMAL ALKALINE HYDROLYSIS, 90% SUBMITTAL, dated June 2025
- TRES RIOS WATER RECLAMATION FACILITY, DEWATERING AND ENERGY EFFICIENCY IMPROVEMENTS DRAWINGS (90% DESIGN), dated February 2025
- TRES RIOS WATER RECLAMATION FACILITY, PROJECT MANUAL, DEWATERING AND ENERGY EFFICIENCY IMPROVEMENTS, 90% DESIGN, dated March 2025

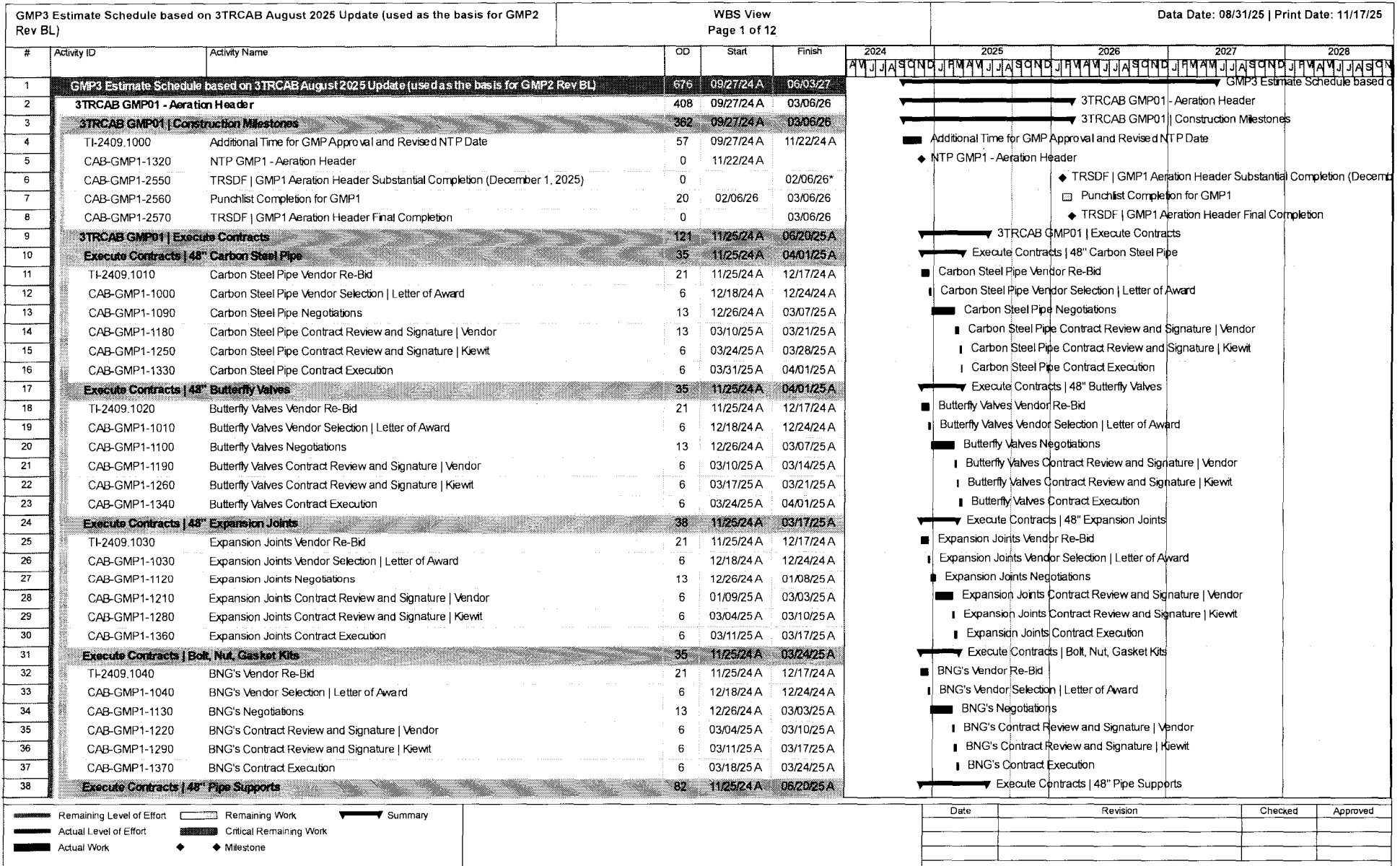


Section 4 – CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS

1. This proposal is based on the Revised Baseline CPM Schedule for Project 3TRCAB included in Section 5, and the following milestones:
 - A. Notice to Proceed for GMP3 – December 5th, 2025
 - B. Substantial Completion – May 11, 2027
 - C. Final Completion – June 3, 2027
2. Should NTP not be received by December 5, 2025, Contractor reserves its right to revise this proposal.
3. This Proposal is based on the design documents listed in Section 3.
4. Price includes installation of long-lead equipment for PONDUS, which were included in GMP2
5. Price is based on standard 8-hours work hours with normal shifts of Monday through Friday, 7:00 AM to 5:00 PM. Start times may fluctuate with seasonal changes.
6. Proposal is based in unimpeded access for crews and equipment to the work area.
7. This Proposal includes Design-Builder Contingency to be used at the Design-Builder's discretion for the items described in Appendix A-3 "Design-Builder Risk Matrix." The Design-Builder may re-allocate risk items as they expire and/or new risks are encountered throughout the construction period, subject to Owner review. Any allocations or applications of the Design-Builder Contingency shall be subject to prior notification and approval by the County. Any Design-Builder Contingency not used will be returned to the Owner to reduce the overall GMP amount.
8. Price includes a CMU block control building in place of a prefabricated control building. Proposed CMU building shall be same square-footage as a prefabricated building and similar to the existing Building 53.
9. For connection between the new control building and Buildings 11 & 58, Proposal assumes the following items to be provided by others/Client per the Specifications Section 40 90 00:
 - A. SCADA HMI hardware and software
 - B. Fiber optic patch panels and Ethernet switches
10. For Blower Exhaust Heat Exchangers, Price includes Lakeby Model No. HAW700.
11. This proposal includes the warranty provisions in the Design-Builder General Conditions Section 2.8.2 which is for 2 years commencing upon Substantial Completion.
12. This proposal includes all requirements in the Design-Build Contract. Design-Builder will obligate all subcontractors and suppliers of any tier to meet these provisions, notwithstanding any information presented in this proposal or its attachments.



Section 5 – PROJECT SCHEDULE IN CRITICAL PATH FORMAT



GMP3 Estimate Schedule based on 3TRCAB August 2025 Update (used as the basis for GMP2 Rev BL)					WBS View Page 2 of 12		Data Date: 08/31/25 Print Date: 11/17/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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GMP3 Estimate Schedule based on 3TRCAB August 2025 Update (used as the basis for GMP2 Rev BL)				WBS View Page 3 of 12			Data Date: 08/31/25 Print Date: 11/17/25																		
#	Activity ID	Activity Name	OD	Start	Finish	2024				2025				2026				2027				2028			
77	CAB-GMP1-1470	48" Butterfly Valves Submittals Submitted	1	02/05/25 A	02/05/25 A																				
78	CAB-GMP1-1530	48" Butterfly Valves Submittals Reviewed and Approved	13	02/06/25 A	02/26/25 A																				
79	CAB-GMP1-1600	Fabricate and Deliver 48" Butterfly Valves (25 weeks)	219	04/02/25 A	09/17/25																				
80	CAB-GMP1-1600.1	Fabricate and Deliver 48" Butterfly Valve Actuator (32 weeks)	280	04/02/25 A	10/27/25																				
81	Procurement 48" Expansion Joint		44	01/27/25 A	08/26/25 A																				
82	CAB-GMP1-1420	48" Expansion Joint Submittals Received	25	01/27/25 A	01/28/25 A																				
83	CAB-GMP1-1480	48" Expansion Joint Submittals Submitted	1	01/29/25 A	01/29/25 A																				
84	CAB-GMP1-1540	48" Expansion Joint Submittals Reviewed and Approved	13	01/30/25 A	01/31/25 A																				
85	CAB-GMP1-1610	Fabricate and Deliver 48" Expansion Joint	44	03/18/25 A	08/26/25 A																				
86	Procurement Bolt, Nut, Gasket Kits		137	03/25/25 A	08/14/25 A																				
87	CAB-GMP1-1430	48" BNG 's Submittals Received	25	03/25/25 A	04/14/25 A																				
88	CAB-GMP1-1490	48" BNG 's Submittals Submitted	1	07/10/25 A	07/10/25 A																				
89	CAB-GMP1-1550	48" BNG 's Submittals Reviewed and Approved	13	07/11/25 A	07/23/25 A																				
90	CAB-GMP1-1620	Fabricate and Deliver 48" BNG 's	35	07/24/25 A	08/14/25 A																				
91	Procurement 48" Pipe Supports		143	05/21/25 A	10/17/25																				
92	CAB-GMP1-1440	48" Pipe Supports Submittals Received	25	05/21/25 A	07/01/25 A																				
93	CAB-GMP1-1500	48" Pipe Supports Submittals Submitted	1	07/11/25 A	07/11/25 A																				
94	CAB-GMP1-1560	48" Pipe Supports Submittals Reviewed and Approved	13	07/14/25 A	08/12/25 A																				
95	CAB-GMP1-1630	Fabricate and Deliver 48" Pipe Supports	89	08/13/25 A	10/17/25																				
96	Procurement Electrical Conduit, Wire, Breakers		70	07/01/25 A	08/28/25 A																				
97	CAB-GMP1-1710	Electrical Conduit, Wire, Breakers Submittals Received	25	07/01/25 A	07/02/25 A																				
98	CAB-GMP1-1820	Electrical Conduit, Wire, Breakers Submittals Submitted	1	07/03/25 A	07/03/25 A																				
99	CAB-GMP1-1830	Electrical Conduit, Wire, Breakers Submittals Reviewed and Approved	13	07/07/25 A	07/09/25 A																				
100	CAB-GMP1-1870	Electrical Conduit, Wire, Breakers Fabricate and Deliver	70	07/10/25 A	08/28/25 A																				
101	Procurement Foundation Rebar Shop Drawings		82	04/07/25 A	07/28/25 A																				
102	CAB-GMP1-1450	Rebar Shop Drawings Submittals Received	25	04/07/25 A	04/15/25 A																				
103	CAB-GMP1-1510	Rebar Shop Drawings Submittals Submitted	1	04/16/25 A	04/16/25 A																				
104	CAB-GMP1-1570	Rebar Shop Drawings Submittals Reviewed and Approved	13	04/17/25 A	06/10/25 A																				
105	CAB-GMP1-1640	Fabricate and Deliver Rebar	18	06/11/25 A	07/28/25 A																				
106	3TRCAB GMP01 Aeration Header Construction		236	02/25/25 A	02/06/26																				
107	Construction Mobilization		26	04/24/25 A	05/20/25 A																				
108	CAB-GMP1-1730	Set-Up Power to Office	4	04/24/25 A	04/25/25 A																				
109	CAB-GMP1-1740	Office Furniture	4	04/25/25 A	04/28/25 A																				
110	CAB-GMP1-1750	Office Internet and IT	3	04/28/25 A	04/29/25 A																				
111	CAB-GMP1-1770	Set-Up Laydown Area and Receive Conexes	4	05/20/25 A	05/20/25 A																				
112	Construction Structural Foundations		154	02/25/25 A	09/19/25																				
113	CAB-GMP1-1800	Layout Supports on Building 6 Deck and Scan for Rebar	1	02/25/25 A	08/01/25 A																				
114	CAB-GMP1-1810	Verify Existing Pipe Elevations at Tie-Ins	6	02/25/25 A	02/26/25 A																				

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

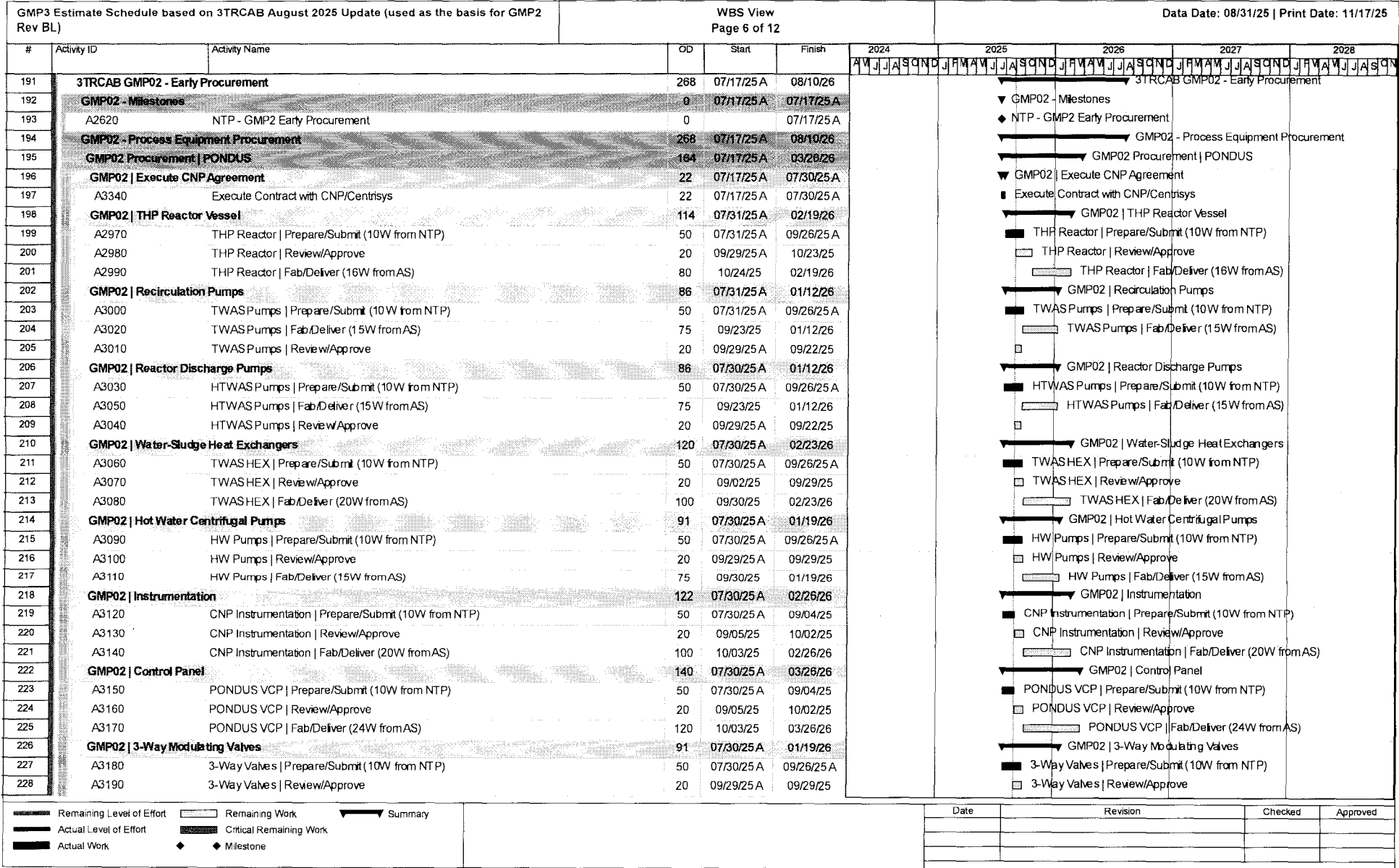
Critical Remaining Work

Milestone

Summary

Date	Revision	Checked	Approved

 Remaining Level of Effort Remaining Work Summary
 Actual Level of Effort Critical Remaining Work
 Actual Work Milestone



GMP3 Estimate Schedule based on 3TRCAB August 2025 Update (used as the basis for GMP2 Rev BL)					WBS View Page 7 of 12			Data Date: 08/31/25 Print Date: 11/17/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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229	A3200	3-Way Valves Fab/Deliver (15W from AS)	75	09/30/25	01/19/26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

GMP3 Estimate Schedule based on 3TRCAB August 2025 Update (used as the basis for GMP2 Rev BL)				WBS View Page 9 of 12			Data Date: 08/31/25 Print Date: 11/17/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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305	PNPR-GMP3-C3470	PONDUS Mis.Metals Execute Contract	20	12/05/25	01/06/26	A	M	J	J	A	S	O	N	D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

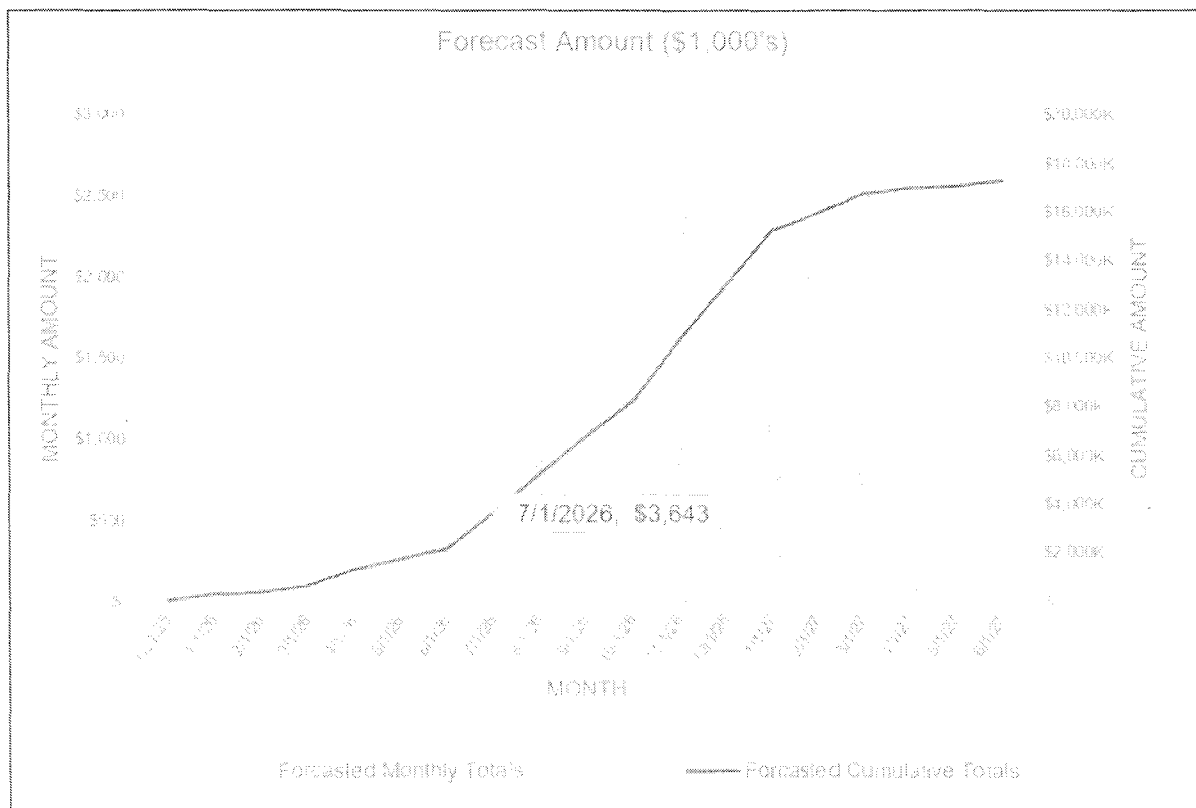
Summary

#	Activity ID	Activity Name	OD	Start	Finish	2024	2025	2026	2027	2028
343	WHPR-GMP3-C2900	WHR Heat Recovery Pump Review/Approve	20	03/04/26	03/31/26					
344	WHPR-GMP3-C2910	WHR Heat Recovery Pump Fab/Deliver	75	04/01/26	07/16/26					
345	Expansion Tank		105	12/05/25	05/05/26					
346	WHPR-GMP3-C2920	WHR Expansion Tank Execute Contract	15	12/05/25	12/29/25					
347	WHPR-GMP3-C2930	WHR Expansion Tank Prep/Submit	20	12/30/25	01/27/26					
348	WHPR-GMP3-C2940	WHR Expansion Tank Review/Approve	10	01/28/26	02/10/26					
349	WHPR-GMP3-C2950	WHR Expansion Tank Fab/Deliver	60	02/11/26	05/05/26					
350	GMP03 Construction		301	02/18/26	05/11/27					
351	GMP03 Construction PONDUS		261	04/15/26	05/11/27					
352	PONDUS Removals & Demolition		10	04/15/26	04/29/26					
353	PNCN-GMP3-C4130	PONDUS Install Environmental BMPs	2	04/15/26	04/17/26					
354	PNCN-GMP3-C3530	PONDUS Sawcut Asphalt and Curb	2	04/20/26	04/21/26					
355	PNCN-GMP3-C3550	PONDUS Demo Concrete and Structures	5	04/20/26	04/24/26					
356	PNCN-GMP3-C3540	PONDUS Demo Asphalt and Curb	2	04/22/26	04/23/26					
357	PNCN-GMP3-C3560	PONDUS Demo UG Utilities	3	04/27/26	04/29/26					
358	PONDUS Civil - Grading		94	04/30/26	09/21/26					
359	PNCN-GMP3-C3570	PONDUS Structure Exc - SOG and Footings	2	04/30/26	05/01/26					
360	PNCN-GMP3-C3620	PONDUS Subgrade Prep and Finish - SOG and Footings	5	06/24/26	06/30/26					
361	PNCN-GMP3-C4120	PONDUS Structural BF SOG & Footings	3	09/17/26	09/21/26					
362	PONDUS Civil - Utilities		49	05/04/26	07/13/26					
363	PNCN-GMP3-C3580	PONDUS Electrical Ductbank Trenching	5	05/04/26	05/08/26					
364	PNCN-GMP3-C3610	PONDUS Electrical Trench Backfill	13	05/19/26	06/05/26					
365	PNCN-GMP3-C3590	PONDUS Exc/Lay/Backfill UG Mech Piping	25	06/08/26	07/13/26					
366	PONDUS Concrete		43	07/01/26	09/04/26					
367	PNCN-GMP3-C3630	PONDUS Erect Forms - Concrete SOG and Footings	10	07/01/26	07/15/26					
368	PNCN-GMP3-C3640	PONDUS Rebar - Concrete SOG and Footings	8	07/17/26	07/28/26					
369	PNCN-GMP3-C3650	PONDUS Place/Finish/Cure SOG and Footings	25	07/29/26	09/04/26					
370	PNCN-GMP3-C3660	PONDUS Erect Forms - Pipe Supports and Equip Pads	5	08/18/26	08/25/26					
371	PNCN-GMP3-C3670	PONDUS Rebar - Pipe Supports and Equip Pads	5	08/26/26	09/01/26					
372	PNCN-GMP3-C3680	PONDUS Place/Finish/Cure Pipe Supports and Equip Pads	3	09/02/26	09/04/26					
373	PONDUS Structural, Misc Metals		45	09/08/26	11/12/26					
374	PNCN-GMP3-C3690	PONDUS Install Structural Pipe Supports	30	09/08/26	10/22/26					
375	PNCN-GMP3-C3740	PONDUS Install THP Reactor Stairs, Landings, Platforms	10	10/30/26	11/12/26					
376	PONDUS Mechanical AG Piping		85	09/28/26	02/03/27					
377	PNCN-GMP3-C3780	PONDUS AG Pipe - Hot Water Supply & Return	45	09/28/26	12/02/26					
378	PNCN-GMP3-C3750	PONDUS AG Pipe - TWAS Influent and Recirc Piping	30	12/03/26	01/20/27					
379	PNCN-GMP3-C3800	PONDUS AG Pipe - Foul Air	5	01/21/27	01/27/27					
380	PNCN-GMP3-C3790	PONDUS AG Pipe - Service Water	2	01/28/27	01/29/27					
<div><div>Remaining Level of Effort</div><div>Actual Level of Effort</div><div>Actual Work</div><div>Remaining Work</div><div>Critical Remaining Work</div><div>Milestone</div><div>Summary</div></div>						Date	Revision	Checked	Approved	

GMP3 Estimate Schedule based on 3TRCAB August 2025 Update (used as the basis for GMP2 Rev BL)				WBS View Page 12 of 12			Data Date: 08/31/25 Print Date: 11/17/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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419	WHCN-GMP3-C4330	WHR Structure BF HEX Footings	2	03/05/26	03/06/26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											



Section 6 – CASH FLOW FORECAST





Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

Section 7 - SUBCONTRACTOR SELECTION

Item No.	Description	Selected Supplier/Subcontractor	Amount
01	Outside Crane Rental	Marco Crane	\$ 16,247
02	Drain Structure Material	Jensen Precast	\$ 77,000
03	Channel Trench Drain	Drainage Solutions, Inc.	\$ 10,476
04	BNGs	Duncan Bolt	\$ 40,906
05	Bulk Pipe	Ferguson Water Works	\$ 3,846
06	Ductile Iron Pipe	Fortiline	\$ 602,485
07	FRP Pipe	ThermAir Systems	\$ 19,518
08	HDPE Pipe	Core & Main	\$ 5,154
09	Pre-insulated Pipe	J & B Sales	\$ 40,945
10	PVC/CPVC Pipes	Ferguson Water Works	\$ 43,744
11	Saddle Pipe Support	Lisega	\$ 168,325
12	Fabricated Steel Pipe	Professional Piping Systems	\$ 1,251,999
13	Valves	Ferguson Water Works & Fortiline	\$ 594,000
14	Aggregate & Backfill Matl	CEMEX	\$ 20,621
15	Ready Mix Concrete	CalPortland	\$ 67,011
16	Bollard	WhiteCap	\$ 666
17	Structural Steel	Parsons Steel	\$ 402,566
18	Heat Recovery Pump	J & B Sales	\$ 4,970
19	Bladder Expansion Tank	J & B Sales	\$ 7,720
20	Heat Exchanger	CleanTek Water	\$ 329,578
21	Caustic Skid Pump	CNP	\$ 68,508
22	Erosion Control Material	Hanes Geo Components	\$ 1,629
23	QC Testing	Alta	\$ 90,070
24	Sawcut & Core Drill	Penhall	\$ 2,145
25	Pipe Insulation	Farwest Insulation Contracting	\$ 676,074
26	Asphalt Paving	iSX Construction	\$ 24,638
27	Concrete Flatwork	MP Concrete	\$ 11,600
28	Furnish & Install Rebar	Tyler Reinforcing	\$ 68,896
29	Concrete Pumping	Brundage Bone	\$ 20,171
30	Instrumentation / Control	George T Hall	\$ 343,000
31	NETA Testing	ERS	\$ 14,075
32	Painting	A-O Painting	\$ 87,898
33	ESCD & SCADA	HDR	\$ 850,431
Grand Total			\$ 5,966,912

Statement Regarding Selection of Subcontractors and Suppliers:

In accordance with A.R.S. § 34-603(C)(2)(e)(I) and with the Subcontractor Selection Plan included with our original proposal, each subcontractor and supplier is selected based on a combination of qualifications and price. Subcontractors and suppliers are not selected based on price alone.



Kiewit

Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

APPENDIX A-1

Not Used



Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

APPENDIX A-2

Staff Hourly Rates Table

Position	Preconstruction Phase	Construction Phase*	Labor Burden Rate	Total Hourly Rate
Project Manager	\$86.75	\$100.42	\$48.43	\$148.85
Start-up Manager		\$120.60	\$58.17	\$178.77
Construction Manager	\$76.25	\$88.17	\$42.52	\$130.69
Discipline Superintendent	\$60.00	\$69.46	\$33.50	\$102.96
Project Engineer	\$50.00	\$57.82	\$27.89	\$85.71
Field Engineer	\$42.50	\$49.20	\$23.73	\$72.93
Business Manager	\$47.50	\$54.99	\$26.52	\$81.51
Procurement Lead (KSN)	\$47.50	\$54.93	\$26.49	\$81.42
Procurement Manager (KSN)	\$61.25	\$70.90	\$34.20	\$105.10
Scheduling Engineer		\$71.69	\$34.58	\$106.27
Safety Manager	\$60.00	\$69.46	\$33.50	\$102.96
Quality Manager	\$65.00	\$75.25	\$36.29	\$111.54
Quality Inspector	\$52.00	\$60.20	\$29.03	\$89.23
Environmental Manager	\$60.00	\$69.46	\$33.50	\$102.96
Survey Manager	\$70.00	\$81.03	\$39.08	\$120.11
Document Control		\$46.25	\$22.31	\$68.56
Account Payable		\$40.46	\$19.51	\$59.97
Structural Engineer (KIE)	\$72.76	\$84.23	\$40.62	\$124.85
Engineering Manager (KIE)	\$82.39	\$95.38	\$46.00	\$141.38

*The current rates is based on the 2022 preconstruction rate with 5% escalation applied for 2023, 2024, and 2025.

Appendix A.3 - Design-Builder Contingency

Risk Description		Probability/Impact		Total Risk Classification	Calculated Risk Value	Calculated Critical Path Schedule Impact (Days)	Contingency	Insurance	Qualification	Risk Factor (%)	Factored Risk Amount to Carry
		Probability	Impact								
1.0 Bid Documents Risk											
1.1	General Design/Quantity Growth	Moderate	Severe	MS	\$ 11,813,131	-	X			1.98%	\$233,900
Subtotal Bid Documents Risk					\$ 11,813,131					1.98%	\$233,900
4.0 Performance Risk											
4.1	Craft Performance/Productivity Risk	Moderate	Moderate	MM	\$ 3,897,950		X			2.00%	\$77,959
Subtotal Performance Risk					\$ 3,897,950					2.00%	\$77,959
8.0 Major Materials Risk											
8.1	Material Premium/Escalation	Moderate	Moderate	MM	\$ 5,725,355		X			2.82%	\$161,455
Subtotal Major Materials Risk					\$ 5,725,355					2.82%	\$161,455
9.0 Subcontractor Performance Risk											
9.1	Subcontractor Performance Risk	Moderate	Moderate	MM	\$ 2,157,050		x			2.00%	\$43,141
Subtotal Subcontractor Performance Risk					\$ 2,158,172					2.00%	\$43,141
Total Risk					\$ 25,044,608					2.06%	\$516,455



Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:
GMP3 - PONDUS and Waste Heat Recovery

11/17/2025

APPENDIX A-4 Detailed Cost Table

Item No.		Qty	Unit	Labor	Equipment	Supplies	Material	Sub-contracts	Total
A	DIRECT COSTS			\$ 2,085,313.32	\$ 1,840,063.16	\$ 1,261,685.61	\$ 4,955,614.52	\$ 3,031,155.41	\$ 13,173,812.02
A.1	COST OF CONSTRUCTION			\$ 2,085,313.32	\$ 1,840,063.16	\$ 906,665.61	\$ 4,817,954.52	\$ 2,157,041.41	\$ 11,807,038.02
A.1.1	MOBILIZATION	1	LS	\$ -	\$ 243,376.00	\$ 541,390.95	\$ -	\$ -	\$ 784,766.95
A.1.2	TEMPORARY WORK	1	LS	\$ 80,797.07	\$ 6,672.00	\$ 6,614.30	\$ -	\$ 22,400.00	\$ 116,483.37
A.1.3	CONSTRUCTION SURVEY	1	LS	\$ 24,022.15	\$ 4,592.00	\$ -	\$ -	\$ 70,000.00	\$ 98,614.15
A.1.4	QUALITY CONTROL	1	LS	\$ 43,223.87	\$ 5,510.40	\$ 17,402.00	\$ -	\$ 90,070.20	\$ 156,206.47
A.1.5	SUBCONTRACT SUPPORT	1	LS	\$ 60,734.95	\$ 46,452.00	\$ -	\$ -	\$ -	\$ 107,186.95
A.1.6	REMOVALS & DEMOLITION	1	LS	\$ 34,661.30	\$ 16,678.77	\$ 6,113.33	\$ -	\$ 2,161.20	\$ 59,614.60
A.1.7	GRADING	1	LS	\$ 34,129.39	\$ 23,386.85	\$ 2,485.00	\$ -	\$ -	\$ 60,001.24
A.1.8	CIVIL SUPPORT OPERATIONS	1	LS	\$ 8,963.08	\$ 1,315.33	\$ 2,613.73	\$ -	\$ -	\$ 12,892.14
A.1.9	CIVIL UTILITIES	1	LS	\$ 64,058.42	\$ 28,210.45	\$ 6,360.00	\$ 99,301.29	\$ 30,538.80	\$ 228,468.96
A.1.10	AGGREGATES & PAVING	1	LS	\$ 14,419.44	\$ 7,864.90	\$ 965.00	\$ 8,319.51	\$ 35,547.73	\$ 67,116.58
A.1.11	DEEP FOUNDATIONS	1	LS	\$ 74,242.42	\$ 37,654.86	\$ 13,872.00	\$ 46,360.40	\$ 111,110.27	\$ 283,239.95
A.1.12	CONCRETE	1	LS	\$ 181,672.44	\$ 121,092.00	\$ 37,023.50	\$ 53,570.15	\$ 65,221.15	\$ 458,579.24
A.1.13	STRUCTURAL STEEL	1	LS	\$ -	\$ -	\$ 15,000.00	\$ -	\$ 402,565.70	\$ 417,565.70
A.1.14	MECHANICAL PIPING	1	LS	\$ 757,351.62	\$ 1,050,921.60	\$ 189,602.50	\$ 2,957,728.01	\$ 942,006.48	\$ 5,897,610.21
A.1.15	MECHANICAL EQUIPMENT	1	LS	\$ 61,425.33	\$ 83,914.00	\$ 6,825.50	\$ 425,394.16	\$ 3,344.88	\$ 580,903.87
A.1.16	ELECTRICAL & INSTRUMENTATION	1	LS	\$ 360,202.18	\$ 39,104.00	\$ 50,797.80	\$ 1,227,281.00	\$ 382,075.00	\$ 2,059,459.98
A.1.17	STARTUP AND PERFORMANCE TESTING	1	LS	\$ 285,409.66	\$ 123,318.00	\$ 9,600.00	\$ -	\$ -	\$ 418,327.66
A.2	ALLOWANCE 1: SCADA PROGRAMMING & INTEGRATION	1	LS	\$ -	\$ -	\$ -	\$ -	\$ 521,079.00	\$ 521,079.00
A.3	ALLOWANCE 2: ENGINEERING SERVICES DURING CONSTRUCTION	1	LS	\$ -	\$ -	\$ -	\$ -	\$ 329,352.00	\$ 329,352.00
A.4	DESIGN-BUILDER CONTINGENCY	1	LS	\$ -	\$ -	\$ 355,000.00	\$ 137,660.00	\$ 23,683.00	\$ 516,343.00
B	INDIRECT COSTS			\$ 935,612.94	\$ -	\$ 1,656,930.00	\$ -	\$ -	\$ 2,604,012.52
B.1	GENERAL CONDITIONS	1	LS	\$ 935,612.94	\$ -	\$ -	\$ -	\$ -	\$ 935,612.94
B.2	OVERHEAD	9.622%	%	\$ -	\$ -	\$ 1,348,276.00	\$ -	\$ -	\$ 1,357,608.87
B.3	INSURANCE	0.750%	%	\$ -	\$ -	\$ 115,205.00	\$ -	\$ -	\$ 116,002.75
B.4	PAYMENT AND PERFORMANCE BONDS	1.250%	%	\$ -	\$ -	\$ 193,449.00	\$ -	\$ -	\$ 194,787.96
C	CONSTRUCTION FEE	7.00%							\$ 1,104,447.72
D	AZ GROSS RECEIPT TAX	6.565%							\$ 1,108,321.17
	GRAND TOTAL			\$ 3,020,926.26	\$ 1,840,063.16	\$ 2,918,595.61	\$ 4,955,614.52	\$ 3,031,155.41	\$ 17,990,593.43



Kiewit

Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

APPENDIX A-5

Subcontractor and Supplier Quotes



Class A Biosolids Solar Drying Facility (3TRCAB)

GMP Proposal:

GMP3 - PONDUS and Waste Heat Recovery

Description	Selected Supplier/Subcontractor	Contract Amount	Possible Escalation
Drain Structure Material	Jensen Precast	\$77,000	\$2,500
BNGs	Duncan Bolt	\$40,906	\$1,426
Bulk Pipe	Ferguson Water Works	\$3,846	\$114
Ductile Iron Pipe	Fortiline	\$602,485	\$20,659
FRP Pipe	ThermAir Systems	\$19,518	\$526
HDPE Pipe	Core & Main	\$5,154	\$91
Pre-Insulated Pipe	J & B Sales	\$40,945	\$1,433
PVC/CPVC Pipe	Ferguson Water Works	\$43,744	\$875
Saddle Pipe Support	Lisega	\$168,325	\$3,852
Fabricated Steel Pipe	Professional Piping Systems	\$1,251,999	\$81,380
Valves	Ferguson Water Works & Fortiline	\$594,000	\$10,000
Aggregate & Backfill Matl	CEMEX	\$20,621	\$691
Ready Mix Concrete	CalPortland	\$67,011	\$3,033
Conc Accessories	WhiteCap	\$721	\$39
Fab'd Str Steel	Parsons	\$402,566	\$12,000
Heat Recovery Pump	J & B Sales	\$4,970	\$89
Bladder Expansion Tank	J & B Sales	\$7,720	\$104
Heat Exchanger	CleanTek Water	\$329,578	\$9,615
Caustic Skid Pump	CNP	\$68,508	\$1,233
Pipe Insulation	Farwest Insulation Contracting	\$676,074	\$10,000
Asphalt Paving	iSX Construction	\$23,955	\$683
F&I Rebar	Tyler Reinforcing	\$68,896	\$1,000
Grand Total		\$4,518,542	\$161,343



4142 E Tennessee St
Tucson, AZ 85714

Operated & Maintained Quotation

Date: 7/31/2025

Expires 8/30/2025

Customer Information		Job Information	
Company:	Kiewit	Name:	Tres Rios WF
Contact:	Minsang Lim	Location:	I-10 & Ina Rd
Address:		Address:	TBD
City/ST/Zip:		City/ST/Zip:	Tucson, AZ 85743
Business Phone:	602-437-7438	Start Date:	TBD
Business Fax:		Job Time:	TBD
Mobile:	480-673-6289	Duration:	TBD PO # TBD
E-mail:	minsang.lim@kiewit.com	Work:	Pick & Set Reactor Tank & HWHE
Onsite Contact: TBD****Labor rate of \$95.00 per hour will be charged for any special training and / or for crew in and out ****			
Directions:			
Equipment Size:	175 Ton		50 Ton
Equipment Type:	Link Belt 175AT		Link Belt 8650XL
Weight:	29,000#s		11,000#s
Radius:	65'	Cap @ 65' =41,000#s	50' Cap @ 50'=20,200#s
Hourly Rate:	\$ 450.00		\$ 245.00
Overtime/Man/Hour:	\$55. Per Hr / Per Man		\$55 Per Hour
Crew Size:	2 Men		1 Man
Mln. Rental:	4 Hours		4 Hours
Subsistence:	N/A		N/A
Move In:	\$ 1,400.00		\$ 520.00
Setup:	Included		Included
Tear Down:	Included		Included
Move Out:	\$ 1,400.00		\$ 520.00
Cwt Delivery:	Included		Included
Surcharge % :	10 Percent		10 Percent
Special Terms: ***Flat rate move in & out does not include Overtime for nights, weekends, holidays or anytime after 8 hours***			
Rigging & Notes: Standard rigging supplied by Marco Crane & Rigging co. 8.60% SALES TAX			
<p>SURCHARGE APPLIES TO ALL INVOICES: Includes but is not limited to fuel, insurance, environmental, regulatory compliance. THE FOLLOWING TERMS AND CONDITIONS APPLY:(1) Straight time hours are Monday-Friday before 4:00 p.m. and not exceeding 8 hours, excluding holidays. Any work performed outside of these hours will be at the customer's request and billed at the appropriate premium rate. Crews working on Holidays, Sundays, or with a double time craft shall receive double time pay. (2) Curfew travel restrictions are from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m. During these times, labor only will be charged to the customer at the Stand By rate plus overtime if applicable. (3) Customer agrees that all work shall be pursuant to the terms and conditions of the Marco Crane & Rigging Co. Short Term Lease Agreement. (4) Customer agrees that it is responsible for a clear, level, and compacted surface, and the clearance of any overhead obstructions if they exist. Restricted jobsites, and site changes are all subject to additional charges. Marco Crane & Rigging Co. is not responsible for damage to existing street, curb, driveway, landscaping, or sidewalk due to ingress, egress, or stabilization of Marco Crane & Rigging Co.'s equipment. (5) Customer agrees that it is responsible for and shall pay for all permits, pilot cars, street closures, traffic management and any applicable taxes. If customer requires OCIP, CCIP, or certified payroll, notice must be provided to Marco Crane & Rigging Co. 72 hours prior to job start. (6) Equipment is subject to availability. (7) Customer agrees that this offer is accepted upon ordering the equipment. (8) Customer agrees to have a person authorized to sign Short Term Lease Agreement on behalf of Customer be present at start of job to sign Short Term Lease Agreement. (9) It is understood that any Marco Crane & Rigging Co. personnel assisting with communication to the operator, through the use of hand or voice signals, is not acting in the capacity of a supervisor or lift director.</p>			

Please call with any questions. Thank you for the opportunity to quote this job.

Salesperson: Chris Grutzius

Mobile: 520-591-5714

Business: 520-748-8636

E-Mail: cgrutzius@marcocrane.com

Business Fax:

Sales ID:

386

221 S. 35th Ave
Phoenix AZ, 85009
602-272-2671

4142 E. Tennessee St
Tucson, AZ 85714
520-748-8636

2703 E. Industrial Dr.
Flagstaff, AZ 86004
928-443-1478

10168 Channel Rd
Lakeside, CA 92040
619-938-8080

8830 Decosta St.
Santa Fe Springs, CA 90670
562-699-0664

Contract Amount without
Escalation: \$16,247

HOURLY RATE

$$\$450 \times 10 \text{ HRS/DAY} = \$4,500$$

$$\text{OT } \$55/\text{HR} \times 2 \text{ MEN} \times 2 \text{ HRS/DAY} = \$220 \quad \text{NO OT}$$

$$\text{TOTAL: } \$4,500 / 10 \text{ HRS} = \$450/\text{HR}$$

$$\text{SURCHARGE } 10\% : \$519.20/\text{HR} \quad \$495/\text{HR}$$

$$\text{TAX } 8.6\% : \$563.85/\text{HR} \quad \$537.57/\text{HR}$$

MOB (IN & OUT)

$$\$2,800/\text{EA}$$

$$\text{SURCHARGE } 10\% : \$3,080$$

$$\text{TAX } 8.6\% : \$3,344.88/\text{EA}$$



Quotation JS081425-A

Quotation Date: 8/14/25

Revision No: 1

Customer No: 101860

Project Name: Tres Rios - Trench

Payment Terms: Cash On Delivery

Quoted By: JOHN SUOR JR.

Sales Rep: JOHN SUOR JR.

Document Address:

Kiewit Infrastructure West Co. (COD Acct.)
10704 Shoemaker Avenue
Santa Fe Springs CA 90607

Delivery Address:

Kiewit Infrastructure West Co. (COD Acct.)
General Delivery Area
Tucson AZ 85706

*per discussion
on 8/18 to use
traffic-rated trench*

Group	Part No	Description	Shipping Code	Qty	Unit	Unit Price	Net Amount
	Q10178	Trench	Other As Specified	66	ft	923.00	60,918.00
		Notes: ***Alternate to Bid*** Precast Concrete "Pedestrian" Rated Trench with Fiberglass Trench Covers Excludes: polymer-concrete trench material.					
	DELIVERY	Delivery and Handling	Other As Specified	2	PCS	550.00	1,100.00

Freight to Jobsite
Excludes: Offload/Set Services

\$1150/LF

*Need traffic-rated
trench; cast-in
covers.*

Net Total:	62,018.00
Estimated Tax:	3,783.10
Gross Total	65,801.10

exclude tax

All orders are subject to credit acceptance by seller.

A 3% credit card service fee may be added for all credit card payments.

Delivery trips, selling time, or materials not noted above will be billed accordingly.

Offer to sell subject to Jensen Infrastructure's company policies, terms and conditions.

Please refer to <https://www.jensenprecast.com/terms-of-service/> for complete terms and conditions which are hereby incorporated by reference.

All specialized product may be subject to a deposit prior to submittals and/or fabrication.

Quotation is valid for 30 days.

Thank you for choosing Jensen Infrastructure!

+2500 escalation

\$79,500

Kiewit Infrastructure West Co. (COD Acct.) Signature

Date

Kiewit Infrastructure West Co. (COD Acct.) PO

Contract Amount without
Escalation: \$77,000



Quotation JS081425-A

Quotation Date: 8/14/25

Revision No: 1

Customer No: 101860

Project Name: Tres Rios - Trench

Payment Terms: Cash On Delivery

TERMS AND CONDITIONS

ORDERING INSTRUCTIONS

Please refer to the quotation number and date on all orders. Indicate desired delivery dates, quantities and item priority if applicable. Please contact our office for delivery schedules. Delivery lead-time will be estimated upon receipt of order, and is based on actual demand at that time. Any dates discussed prior to order are non-binding estimates. Orders for non-standard products should be accompanied by specifications, and blue prints or scale drawings. Notify us as soon as possible to insure prompt delivery.

COMPANY POLICIES, TERMS AND CONDITIONS

THE POLICY, TERMS AND CONDITIONS, DELINEATED HEREIN SHALL APPLY TO ALL QUOTATIONS, OR OFFERS TO SELL.

1. Goods to Be Provided: Jensen Enterprises, Inc., dba Jensen Infrastructure ("Jensen Infrastructure") agrees to sell to Customer, on the terms and conditions stated herein, the materials and related items (the "goods") identified in Jensen Infrastructure's quotation to Customer. Customer is solely responsible for determining whether the goods listed are the correct types and/or sufficient in number to meet Customer's needs and/or requirements. Jensen Infrastructure's offer to sell is based on customer approval of Jensen Infrastructure standard product drawings or submittals, and not in accordance with any plans and specifications, unless agreed to in writing by a duly authorized representative of Jensen Infrastructure.
2. No Additional Terms of Sale: Customer's acceptance of Jensen Infrastructure's quotation is limited to these Terms and Conditions of Sale. Any new or different terms or conditions stated or proposed by Customer in its acceptance of Jensen Infrastructure's quotation or in any accompanying or related purchase order or other document are hereby rejected by Jensen Infrastructure and shall not be binding upon Jensen Infrastructure. The entire contract is embodied in this writing. This writing constitutes the final expression of the parties' agreement, and it is a complete and exclusive statement of the terms of that agreement.
3. Payment Terms: Jensen Infrastructure may require payment in full prior to manufacture or shipment of any goods. If Jensen Infrastructure agrees to provide materials on a "Cash on Delivery" basis, payment in full is due upon arrival of Jensen Infrastructure's equipment, prior to setting of product or unloading of trucks. Credit sales will be made only after receipt of a signed Jensen Infrastructure credit application and written credit approval by Jensen Infrastructure's credit manager. On all credit sales, payment in full is due within 30 days after Customer's receipt of materials or services. Customer agrees to pay a service charge of 1.5% per month on all invoices not paid when due. At its option, Jensen Infrastructure may decline to make delivery or shipment to Customer if any invoice remains past due. Customer waives and releases any claim against Jensen Infrastructure for loss or damage allegedly sustained by Customer as a result of Jensen Infrastructure's refusal to make delivery or shipment under such circumstances. All payments shall be made in U.S. dollars and, unless otherwise designated by Jensen Infrastructure in writing, shall be sent to Jensen Infrastructure's Corporate Office, 9895 Double R Blvd, Reno, NV 89521.
4. Price: The price(s) stated in Jensen Infrastructure's quotation to Customer are firm for 30 days. The prices stated in Jensen Infrastructure's quotation are subject to sales and use tax. Customer shall reimburse Jensen Infrastructure for all sales and use taxes imposed upon: (a) the sale of the goods; and/or, (b) the use of any materials consumed by Jensen Infrastructure; and/or, (c) the sale of any fixtures or equipment incident to this contract. Prices are subject to delivery charges unless quoted as delivered (see shipping code definitions on quotation). Jensen Infrastructure reserves the right to increase the cost of delivery or shipment if Customer increases mileage or number of trucks specified in the original quotation. Prices quoted are based on quantities indicated, and on customer acceptance of the entire quote. Jensen Infrastructure reserves the right to accept or reject partial orders.
5. Time for Performance: Jensen Infrastructure will endeavor to meet any reasonable shipping date(s) requested by Customer. However, Jensen Infrastructure does not guarantee that the goods will be furnished by any particular date. All shipping dates stated or indicated are estimates only and are based upon conditions known at the time the dates were stated or indicated. Jensen Infrastructure shall not in any event be liable for any loss or damage sustained by Customer on account of failure to meet any delivery or shipping date.
6. Delivery: Customer or its designated representative shall be prepared to unload, receive, and accept the goods at the time specified on the order. Customer shall provide assistance in delivering the goods, including but not limited to assisting in backing and directing Jensen Infrastructure's truck at the delivery site, providing access to the delivery site that is acceptable to Jensen Infrastructure, and providing a selling location for the truck, crane or other delivery equipment that is acceptable to Jensen Infrastructure. Jensen Infrastructure shall not be liable for any property damage arising from or related to delivery of the goods, including without limitation damage to sidewalks, curbs, fences, valves, conduit, pipes, concrete, asphalt, lawns, trees, or landscaping. All excessive unloading or stand-by time, resetting or re-delivery will be charged for at the current hourly or mileage rates of the equipment involved. If for any reason Jensen Infrastructure cannot set the goods at the time of delivery, Customer shall be responsible for setting the goods by other means, at no cost to Jensen Infrastructure.
7. Customer Responsibilities: The Customer or its designated representative shall be solely responsible for accomplishing the following:
 - a. Finish grade, leveling and position of the goods.
 - b. Grouting and/or sealing of vault sections, grade rings, risers, frames, covers, pipes or similar structures, unless a duly authorized representative of Jensen Infrastructure has stated in writing that Jensen Infrastructure will perform installation and sealing of the goods.
 - c. Excavation, bedding, shoring, backfilling, compacting and grading.
 - d. Water and/or flotation control.
 - e. Setting and adjusting ladders, racking, grates or other hardware.
 - f. Providing a one- or two-person ground crew to assist the Jensen Infrastructure crane operator.
 - g. All other site work not specified above.
8. Returns: The goods shall not be returned for credit without prior written authorization and approval by a duly authorized representative of Jensen Infrastructure. A minimum handling charge of 15% plus actual shipping or delivery costs shall be made on all goods returned to compensate for costs of accounting, reconditioning, restocking and delivery, except when due to fault or error of Jensen Infrastructure. No credits shall be allowed on used, damaged, custom, specially ordered or specially manufactured goods. Customer shall bear the cost of any labor, damage or transportation associated with return of the goods.
9. Equipment: Unless otherwise agreed to in a writing signed by a duly authorized representative of Jensen Infrastructure, equipment belonging to Jensen Infrastructure cannot be left at any job site for the purpose of unloading or setting by others.
10. Project Information: Customer agrees to furnish to Jensen Infrastructure promptly upon request all project information necessary for Jensen Infrastructure to perfect or provide notice of its mechanic's lien, stop notice, and/or payment bond rights.
11. Buy America(n) Requirements: Purchaser must clearly and affirmatively notify Jensen Infrastructure of the applicability of any order, law, regulation or other requirement that the Products be produced, manufactured, or substantially transformed in the United States, or consist wholly or partly of materials or components produced, manufactured, or substantially transformed in the United States, or that the raw material comprising the Products be of domestic origin. If Purchaser fails to notify Jensen Infrastructure of any such requirements, Purchaser must accept delivery and pay for the Products, regardless of any such requirements, and Purchaser agrees to fully indemnify and hold Jensen Infrastructure harmless from and against any liability, costs and expenses, including reasonable attorney fees, incurred by Jensen Infrastructure in connection with Purchaser's omission.
12. Force Majeure: Jensen Infrastructure will not be liable for any delay or for failure to perform its obligations hereunder resulting from any cause beyond Jensen Infrastructure's reasonable control including, but not limited to: Customer's failure to timely supply Jensen Infrastructure with necessary data or specifications; any changes in such data or specifications at Customer's request; fires; explosions; floods; acts of God; epidemics; quarantine; embargoes; strikes; work stoppages or slowdowns or other industrial disputes; accidents; riots or civil disturbances; acts of civil or military authorities; inability to obtain any license or consent necessary in respect of any of the goods; inability to obtain equipment, materials, labor, fuel or supplies; and delay by suppliers or material shortages.
13. Limited Warranty: For a period of one year from the date of shipment or delivery to Customer, Jensen Infrastructure warrants all of the goods which it has manufactured to be free of material defects. If any such goods are found to be materially defective during the warranty period, Jensen Infrastructure agrees to, in its sole discretion, repair or replace the defective goods without charge to Customer. Customer's remedy with respect to such goods is limited to repair or replacement. For goods not manufactured by Jensen Infrastructure, Customer agrees to accept as its sole remedy the warranty, if any, offered by the manufacturer or manufacturers of such goods.

AS TO ALL GOODS SOLD BY JENSEN INFRASTRUCTURE TO CUSTOMER, THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



Quotation JS081425-A

Quotation Date: 8/14/25

Revision No: 1

Customer No: 101860

Project Name: Tres Rios - Trench

Payment Terms: Cash On Delivery

JENSEN INFRASTRUCTURE SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR LIQUIDATED DAMAGES OF ANY KIND, WHETHER THE CUSTOMER'S CLAIM IS BASED UPON CONTRACT, TORT OR ANY OTHER LEGAL THEORY.

14. Indemnity: Customer is solely responsible for the selection, installation, and use of the goods. Therefore, to the fullest extent permitted by law, Customer agrees to defend and indemnify Jensen Infrastructure from and against any claim for loss or damage, including attorneys' fees and experts' or consultants' fees, arising from or relating to such selection, installation, and use. This indemnity applies regardless of any active and/or passive negligent act or omission on the part of Jensen Infrastructure or its employees; provided, however, Customer shall not be obligated to indemnify Jensen Infrastructure for the sole negligence or willful misconduct of Jensen Infrastructure or its employees.

15. Risk of Loss: The risk of loss shall pass to Customer based on the applicable shipping code:

- 'Delivered and Set': Risk of loss shall pass to Customer when Jensen Infrastructure's delivery truck has unloaded the product.
- 'Delivered - F.O.B. Truck': Risk of loss shall pass to Customer when Jensen Infrastructure's delivery truck arrives at Customer's jobsite.
- 'Delivered and offloaded': Risk of loss shall pass to Customer when Jensen Infrastructure's delivery truck arrives at Customer's jobsite.
- 'F.O.B. Jensen Infrastructure Yard': Risk of loss shall pass upon tender of delivery of the goods to a common carrier or Customer's truck. Buyer shall procure and maintain insurance on the goods sufficient to protect its interests.

16. Dispute Resolution: All disputes arising from or relating to these Terms and Conditions of Sale and/or the furnishing of any goods by Jensen Infrastructure to Customer shall be heard and decided exclusively in the state or federal court where the delivery or pick up of the Product(s) is located. The construction, interpretation and performance of this order and all transactions hereunder shall be governed by the laws of the state where delivery or pick up of the Products is located, without regard to its choice of law principles. These Terms and Conditions of Sale (the "Terms") apply to all quotations and sales by Jensen Infrastructure's (including its Water Resources, Metal Tech and other branded products) products, materials, services, components, accessories, and panels (collectively, "Products"). No terms or conditions other than those stated in these Terms, and no agreement or understanding, oral or written, purporting to modify these Terms, whether contained in a purchaser's purchase forms or elsewhere, will be binding on Jensen Infrastructure unless signed by an authorized executive manager of Jensen Infrastructure. Customer consents to these Terms for all Products. In any legal proceedings, the prevailing party shall be entitled to recover its reasonable attorneys' fees and costs.

17. Submittals and Tests: Jensen Infrastructure reserves the right to charge customers for the cost of submittals, engineering or tests that are in addition to those customarily provided.

18. Custom Products: Jensen Infrastructure will charge customer for any work completed at the time of cancellation of a custom or special order. All custom orders will be invoiced to customer if not released for delivery within 30 days past estimated date of delivery.

19. Storage Fees: For every month beyond the requested manufacture date that the product remains in Jensen Infrastructure's possession, a fee of 3% per month of total sale price of product will be added to the invoice total due upon final delivery/pick up.

20. Invoice Date: Customer will be invoiced for product at either, date of delivery or 60 days past date of originally requested delivery/pick up date.

SHIPPING POLICY

- The customer will be prepared to receive products at the specified delivery time. Excessive unloading or stand-by time, resetting or re-delivery not caused by Jensen Infrastructure will be charged at the hourly rate for the equipment involved.
- The customer will be solely responsible for the following:
 - Finish grade, leveling, and position of product.
 - Grouting, and/or sealing of vault sections, grade rings, risers, frames and covers, pipes, etc.
 - Excavation, bedding, shoring, backfilling, compacting and grading.
 - Water and/or flotation control.
 - Setting and adjusting ladders, racking, grates or other hardware.
 - All other site work not specifically referred to.
- Equipment belonging to the company cannot be left at any jobsite for the purpose of unloading or setting by others unless previously agreed to in writing between Jensen Infrastructure and the customer.
- Carriers are responsible for goods lost or damaged in transit. Damages or shortages should be indicated on the carrier's delivery receipt and any claims should be made in writing directly to the carrier.
- All products are to be delivered in the number of trips specified. Charges will be added for additional trips.

SHIPPING CODE DEFINITIONS

Code #1 - DELIVERED AND SET

Quoted prices include product delivery and setting with our boom truck subject to the following provisions:

- Jensen Infrastructure will provide driver/crane operator services only using Jensen Infrastructure's boom truck, unless otherwise specified.
 - Customer will be solely responsible for all other site work associated with setting and installing this product unless specifically referred to in writing.
 - Most products require assistance from the customer in setting (generally one or two laborers). Contact Jensen Infrastructure for the specific requirements of each product.
 - The customer will provide a properly prepared, sized and graded, excavation. Access and setting location for our boom truck must be acceptable to our driver or representative.
 - Since site conditions, products, and delivery equipment vary, the logistics must be considered to determine the best approach for setting the product.
- Attention must be given to the variables of the set, including:
- Capacity of the Jensen Infrastructure boom truck and truck crane to be used.
 - The maximum product weight relative to the setting distance from the center of the crane to the center of the excavation cannot exceed the boom truck rated capacity.
 - The route to the setting location must be accessible for the boom truck without towing or pushing.
 - The type of terrain, site slope, and ground conditions for outrigger footings, at the setting location.
 - Overhead restrictions and other physical constraints.
 - Any or all of the above could prevent Jensen Infrastructure from setting the product. In cases where Jensen Infrastructure cannot set the product, we will off load the product in accordance with shipping code definition #3 herein.

NOTE: If for any reason Jensen Infrastructure cannot set the product, Jensen Infrastructure will not be responsible, or charged, for setting by any other means.

Code #2 - DELIVERED - F.O.B. TRUCK

Quoted prices include product delivery to the job site only, "Free On Board" the truck. Generally, this would be a flatbed truck without a crane or other unloading equipment subject to the following provisions:

- The company will provide driver services only and the customer will supply means of unloading and setting products at time of delivery. 1 hour of off-load time is allotted per truck from time of arrival at delivery location or entry point. Additional standby time not caused by Jensen Infrastructure will be charged at the hourly rate for the equipment involved.

Code #3 - DELIVERED AND OFFLOADED

Quoted prices include product delivery to the job site and unloaded from our truck subject to the following provisions:



Quotation JS081425-A

Quotation Date: 8/14/25

Revision No: 1

Customer No: 101860

Project Name: Tres Rios - Trench

Payment Terms: Cash On Delivery

a. Jensen Infrastructure will provide driver services and a means of unloading products.

b. The customer will provide an acceptable location for unloading and storing products, and the means for setting the product in the permanent location.

Code #4 - F.O.B. - JENSEN INFRASTRUCTURE YARD:

Quoted prices include product loading on customer or common carrier trucks in the yard subject to the following provisions:

a. Customer will be responsible for any additional charges, including charges for freight, shipping, delivery and setting.

b. Customer or common carrier will be responsible for tie down, dunnage, pallets, etc., unless specifically referred to.

c. Yard location will be addressed in section one of the quotation.

Code #5 - OTHER AS SPECIFIED:

If not specified in section one of this quotation, please consult our office for more specific information or written clarification.

Department Manager Signature / Date

Sponsor Signature / Date

QUOTE COMPARISON SHEET- EE-PM**PONDUS 90% - 40 27 00.19 -**

BID DUE: 8-Aug-2025

RFP SENT: 25-Jul-2025

BID DURATION: 14 Days

Project No.: 0043177		Bidder Legal Name: Drainage Solutions Inc.	
Project Name: Tres Rios Biosolids GMP3		Bidder Contact Name: Website	
Owner: Pima County Regional Wastewater		Bidder Contact Email: https://drainageproducts.us/	
Job Site: 7101 N Casa Grande Hwy, Tucson, Arizona 85743		Bidder Phone:	
RFP Description: Spec: PONDUS 90% - 40 27 00.19		Bid Date or "No Bid":	
HD Quote (Group Tag): Engineering:		Bid Valid Until Date:	
Procurement: Jack Hanley		Bid Validity Duration (Days):	
Reviewer:		Firm or Budgetary Bid:	
QCS Revision # / Date:		Bidder Proposal Reference No.:	
Project Currency: USD \$ - US Dollar		Quoted Currency: USD \$ - US Dollar	
Exchange Rate (1 : USD \$ - US Dollar):		\$1.00	
TOTAL PROPOSAL PRICE		\$ 10,588	
Pricing Breakdown		Qty.	Unit
Pricing for Equipment/ Material			
1	Part # 940, 12" Pro Series Channel Drain, Shallow Profile, 12-1/4" x 19-11/16" long	25	EA
2	Part # 885, 12" Pro Series Channel Drain Gate, Ductile Iron	25	EA
3	Part # 841, 12" Pro Series Channel Drain End Cap, Shallow Profile	6	EA
4	Escalation - 25%	1	LF
Pricing for Standard Commercial Items			
1	Sales/ Use Tax - Per Prime Contract Required	1	LOT
2	Freight (DDP Jobsite - Incoterms 2020) Required	1	LOT
3	Warranty to meet Project Terms		LOT
4	TFA - Startup & Erection Assistance Duration		DAY
5	TFA - Startup & Erection Assistance Round Trip		RT
6	TFA - Training Duration		DAY
7	TFA - Training Round Trip		RT
8	Spares - Startup & Commissioning		LOT
9	Spares - Construction Spares		LOT
10	Spares - Special Tools		LOT
11	Spares - 2 Year Operating Spares - Per Prime Contract		LOT
12	Security Cost - Supply Bond		LOT
Commercial Adjustments			
1			
2			
3			
4			
5			
Technical Adjustments			
1			
2			
3			
4			
5			
TOTAL PROPOSAL PRICE		\$ 10,588	
TOTAL PROPOSAL PRICE (Not Including Security)		\$ 10,588	
TOTAL UNIT PRICE (Not Including Security) - Enter In Hard Dollar		1	
Security Cost Per \$1000 - Enter In Hard Dollar			Per \$1000
Kiewit Evaluation Factors (constructability, past performance, etc.)			
1			LOT
2			LOT
3			LOT
4			LOT
5			LOT
TOTAL EVALUATED PRICE = (PROPOSAL PRICE + KIEWIT EVALUATION FACTOR)		\$ 10,588	
Options Excluded			
1			LOT
2			LOT
3			LOT
4			LOT
5			LOT
Commercial Requirements			
1.0 Financial Security			
Specify type of security instrument provided (select from drop-down list)			
Bidder's Surety Firm:			
Bonding Capacity:			
2.0 Warranty			
Specify Bidder's Standard Warranty terms included in Bidder's Base Price			
Confirm standard warranty with price adder will meet Owner's terms as required in this Request for Proposal			
3.0 Shop Details			
Provide current shop capacity (in percentage)			
Does shop have other Kiewit projects? (If yes, please list projects)			
4.0 Shipping			
Delivery Terms Specified by Bidder			
Manufacturing Point(s)			
Shipping Origin(s)			
Shipping Method(s) (Ship/Rail/Truck/Etc.)			
Number of Shipments			
5.0 Lead Time			

(317) 346-

dps-customer@drainagesolutionsinc.com

Customer (0)



**DRAINAGE
SOLUTIONS, INC**

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click to zoom in

NDS

NDS Pro Series 12" x 20" Ductile Iron Channel Grate

No Reviews Yet [Write A Review](#)

\$225.66

SKU: NDS885

UPC: 052063039367

Availability: Usually Ships in 24 Hours

Quantity:

▾ 1 ▴

ADD TO CART

ADD TO WISH LIST ▾





**DRAINAGE
SOLUTIONS, INC**

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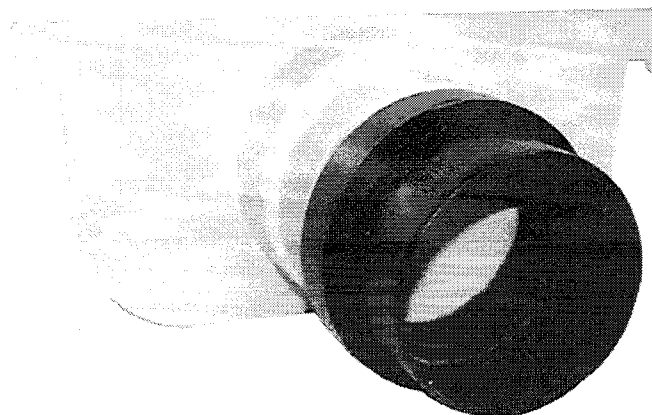
Account

Cart

CATEGORIES

HOME RESOURCES ▾ TECHNICAL LIBRARY SHIPPING & RETURNS ABOUT US CONTACT US NEWS

Home > Channel & Trench Drain > NDS Pro Series Channel Drain 12" > NDS Pro Series 12" Shallow Profile End Cap / Outlet



NDS

NDS Pro Series 12" Shallow Profile End Cap / Outlet

No Reviews Yet Write A Review

\$62.13

SKU: NDS841

UPC: 052053808413

Availability: Usually Ships in 24 Hours

Quantity:

▾ 1 ▴

ADD TO CART

ADD TO WISH LIST ▾

(317) 346-4

dps-customer@drainagesolutionsinc.com

Compa



DRAINAGE
SOLUTIONS, INC

All ▾ Search for a product



Account

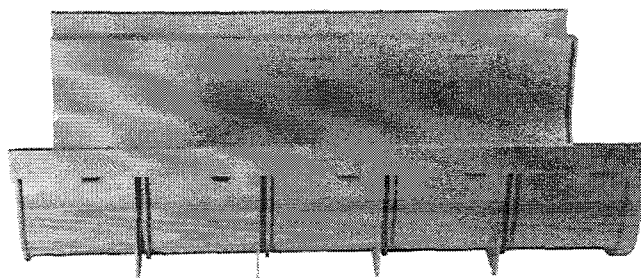


Cart

CATEGORIES

HOME RESOURCES ▾ TECHNICAL LIBRARY SHIPPING & RETURNS ABOUT US CONTACT US NEWS

Home > Channel & Trench Drain > Trench Drain Pool & Deck > NDS Pro Series 12" Shallow Profile Channel Drain



NDS

NDS Pro Series 12" Shallow Profile Channel Drain

No Reviews Yet Write A Review

\$158.50

SKU: NDS6840

UPC: 052063030036

Availability: Usually Ships in 24 Hours

Quantity:

▾ 1 ▴

ADD TO CART

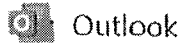
ADD TO WISH LIST ▾

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION		BNG's		Qty Check		0	
1.6 Trees Rise PONDUS & Waste Heat Recovery							
						Pipe Supports, BNG's	
						Duncan Bolt	
						602-426-1422	
						Brian Robert Frazier	
						brfrazier@duncanbolt.com	
						602-777-8515	
						Manufacturer	
						Notes	
						SOLICITATION STATUS	
						Date:	

Contract Amount without Escalation: \$40,906

Qty check (should be zero):



RE: [External]FW: Tres Rios GMP 3

From Brian Frazier <brianf@duncanbolt.com>
Date Thu 8/14/2025 4:20 PM
To Steven.Peralta <Steven.Peralta@kiewit.com>

My fault --

10" kit \$65

Brian Robert Frazier
Account Manager - Duncan Bolt

Mobile: 602-377-8515
Office: 602-426-1422
<mailto:brianf@duncanbolt.com>

2110 E Raymond St #104
Phoenix, AZ 85040



From: Steven.Peralta <Steven.Peralta@kiewit.com>
Sent: Thursday, August 14, 2025 4:12 PM
To: Brian Frazier <brianf@duncanbolt.com>
Subject: Re: [External]FW: Tres Rios GMP 3

Brian,

I think there was confusion about what I said about the 4" BNG set. The 4" BNG set was to remain but I needed a 10" size iso kit. Would you by any chance be able to get pricing for this size soon?

Thanks,



Steven Peralta
Field/Office Engineer
Southern California District
10704 Shoemaker Ave. Santa Fe Springs, CA 90670
818-919-3305 cell

kiewit.com

From: Brian Frazier <brianf@duncanbolt.com>
Sent: Thursday, August 14, 2025 3:30 PM
To: Steven.Peralta <Steven.Peralta@kiewit.com>
Subject: RE: [External]FW: Tres Rios GMP 3

Wait, I pulled the wrong price on the 36". Its \$742.00

Brian Robert Frazier
Account Manager - Duncan Bolt

Mobile: 602-377-8515
Office: 602-426-1422
<mailto:brianf@duncanbolt.com>

2110 E Raymond St #104
Phoenix, AZ 85040



From: Brian Frazier
Sent: Thursday, August 14, 2025 3:27 PM
To: Steven.Peralta <Steven.Peralta@kiewit.com>
Subject: RE: [External]FW: Tres Rios GMP 3

Steve,

Apologies, here are your prices for the insulation kits. The 6" & 4" are in stock the 36" has a lead time of 1 week.

4"	29.00
6"	39.00
36"	319.00

Brian Robert Frazier
Account Manager - Duncan Bolt

Mobile: 602-377-8515
Office: 602-426-1422
<mailto:brianf@duncanbolt.com>

2110 E Raymond St #104
Phoenix, AZ 85040

Quotation Analysis Cover Sheet

Quote Taker: Steven Peralta Quote Group: _____
 Project Name: Tres Rios GMP 3 Vendor Contact: Jamie Germann
 Vendor Name: Ferguson Vendor Phone: 480-619-3382
 Union: Yes / No / N/A (circle) DIR No. & Exp Date (for CA Subcontractors): _____
<https://www.dlr.ca.gov/public-works/contractors.html>
 Specified Supplier? Yes / Or Equal / N/A (circle) License No. & Exp Date: _____
 CA Contractors License Search: www.cslb.ca.gov/online-services
 HI Contractors License Search: mypldcca.hawaii.gov/public-license-search

Analysis: Bulk Pipe
3.5% Escalation - See Spreadsheet

$$\begin{array}{r}
 \$3,882 \\
 - 478 \quad 78 \\
 \hline
 \$4,360 - \$3,959.64
 \end{array}$$

Contract Amount without Escalation: \$3,846

Subtotal: \$3,882 4360 3959 Listing Amount: _____
 Tax: _____% xBE Amount: _____
 Bond: _____% Type of xBE: _____
 Special Conditions: _____ xBE Certs Attached? (circle): Yes / No / N/A
 Quoted Total: \$3,882 4360 3959 Certifying Agencies (circle): Caltrans / Metro / SBA
 Comparable Total: _____ LABAVN / Other: _____
 (If different from Quoted Total) _____

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / No / N/A
 Is quotation valid for 90 days (circle)? Yes / No
 Is escalation included in the unit prices (circle)? Yes / No / N/A
 All addendums acknowledged - 1 through _____ (circle)? Yes / No
 Project specific Safety Form attached (circle)? Yes / No / N/A
 Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / N/A
 Lead time for materials or equipment: 1 weeks

MECHANICAL PERMANENT MATERIAL TOP SHEET

SUBJECT: BULK PIPE		Qty Chkd:	0	Asiana	
03 Tres Rlos FONDUS & Waste Heat Recovery					
		NAME	Ferguson		
		PHONE	602-495-8130		
		CONTACT	Janile German		
		EMAIL	janile.german@ferguson.com		
		Cell	480-619-3382		
		Manufacturer			
		Notes			
		EXAMINATION			
MEMO		DATE	DATE	DATE	DATE
40 27 00.03 FONDUS					
Carbon Steel Pipe		Black Carbon Steel			
		Schedule 40 Threaded			
Pipe		2	60 LF	\$ 4.60	\$ 276
Pipe		1-1/2	60 LF	\$ 3.42	\$ 205
Pipe		1	70 LF	\$ 2.11	\$ 42
Carbon Steel Fittings		Black Carbon Steel Grade B Seamless			
		Schedule 40 Threaded			
90 Elbow		2	3 EA	\$ 18.12	\$ 54
90 Elbow		1-1/2	5 EA	\$ 10.51	\$ 53
Tee		1-1/2	1 EA	\$ 15.29	\$ 15
Tee-Reducing		2x1-1/2	1 EA	\$ 23.41	\$ 29
Cap		1-1/2	1 EA	\$ 6.93	\$ 7
Wall Sleeve		2	1 EA	\$ 82.67	\$ 83
Copper Pipe		Assume Type K, soldered			
Pipe		1-1/2	20 LF	\$ 22.33	\$ 447
Copper Fittings		Assume Type K, soldered			
Union		1-1/2	9 EA	\$ 59.00	\$ 531
40 27 00 Waste Heat Recovery					
Carbon Steel Pipe		Schedule 60 Carbon Steel			
Pipe		2	60 LF	\$ 5.85	\$ 351
Carbon Steel Fittings		Schedule 60 Carbon Steel			
90 Elbow		2	4 EA	\$ 18.12	\$ 72
Tee		2	2 EA	\$ 26.05	\$ 52
Tee-Reducing		2x3/4	1 EA	\$ 27.36	\$ 27
Expansion Joint		2	2 EA	\$ 366.67	\$ 773
Y Strainer		2	2 EA	\$ 124.41	\$ 249
Material Escalation		3.50%			\$ 114
Pickle and Passivated					
Stick Lengths?					
HOLD PRICE THROUGH 90 DAY AWARD PERIOD					
PER PLANS AND SPICS					
FOR JOBSITE - add money in special conditions if necessary					\$ 500.00
Addenda Acknowledged?					
SubTotal					\$ 3,082
Tax @					\$
Special Conditions					\$
Spreadsheet Total					\$ 3,082

Qty check (should be zero):	0
Bulk Commodity: Spreadsheet Qty:	215
round up stick lengths	37
Insert Change Description Here:	
Insert Change Description Here:	
Insert Change Description Here:	
Insert Change Description Here:	

KEY	
Yellow Highlight	"Confirmed" / per specs / listed manuf.
Blue Highlight	"Known Plug
Gray Highlight	"Header
Green Highlight	"Item expecting quote on (used during initial outreach)
Red Text	"Or Equal" Manuf.
Blue Text	"carry over from other vendor
Bolded Text	"Use in combined run

MECHANICAL PERMANENT MATERIAL TOP SHEET

ITEM REPORT: DUCTILE IRON PIPE

Qty Check

0

TUS Tres Rios PONDUS & Waste Heat Recovery

3

DUCTILE IRON PIPE

NAME
Fortline
PHONE
480.563.0151
CONTACT
Sergio Salcido
EMAIL
Sergio.Salcido@fortline.com
CELL
*Manufacturer?
Notes

SOLICITATION STATUS

Date:

10/27/2021

PONDUS

UG Ductile Iron Pipe - PE	Glass Lined (Pipe: AWWA C111/A21.11 & AWWA C151/A21.51) Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
Pipe	PE x PE	10	141 LF	\$	133.07	\$ 18,762
Pipe	PE x F	10	7 LF	\$	2,948.23	\$ 2,948
UG Ductile Iron Fittings - MI	Glass Lined (Pipe: AWWA C110/A21.10 & AWWA C151/A21.53) Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)					
90 Elbow	MI	10	4 EA	\$	1,562.67	\$ 6,251
45 Elbow	MI	10	6 EA	\$	1,346.00	\$ 8,076
Tee	MI	10	2 EA	\$	1,845.33	\$ 3,691
Reducer-Concentric	MI	10x4	2 EA	\$	1,194.67	\$ 2,389
Megalong		10	24 EA	\$	158.44	\$ 3,803
UG Ductile Iron Pipe - PE	Glass Lined (Pipe: AWWA C111/A21.11 & AWWA C151/A21.51) Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
Pipe	PE	4	7 LF	\$	1,267.36	\$ 8,871
UG Ductile Iron Fittings - MI	Glass Lined (Fittings: AWWA C111/A21.10 & AWWA C151/A21.53) Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
90 Elbow		4	3 EA	\$	510.67	\$ 1,532
Megalong		4	6 EA	\$	66.40	\$ 398
AG Ductile Iron Pipe - FxI	Glass Lined (Pipe: Class 53 min AWWA C115/A21.15) Flange: AWWA C110/A21.10 Class 125 Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
Pipe Spools	FxIc17b	12	1 EA	\$	8,755.15	\$ 8,755
Pipe Spools	FxIc17b	12	1 EA	\$	7,793.77	\$ 7,794
Pipe Spools	FxIc17b	12	1 EA	\$	4,188.60	\$ 4,189
Pipe Spools	FxIc17b	12	1 EA	\$	2,506.18	\$ 2,506
Pipe Spools	FxIc17b	12	1 EA	\$	2,265.84	\$ 2,266
Pipe Spools	FxIc17b	12	1 EA	\$	2,025.49	\$ 2,025
Pipe Spools	FxIc17b	12	1 EA	\$	1,544.80	\$ 1,545
Pipe Spools	FxIc17b	12	1 EA	\$	1,304.46	\$ 1,304
Pipe Spools	FxIc17b	10	1 EA	\$	2,323.33	\$ 2,323
Pipe Spools	FxIc17b	10	1 EA	\$	1,944.44	\$ 1,944
Pipe Spools	FxIc17b	10	1 EA	\$	1,376.09	\$ 1,376
Pipe Spools	FxIc17b	10	1 EA	\$	1,186.53	\$ 1,187
Pipe Spools	FxIc17b	10	3 EA	\$	997.20	\$ 2,992
Pipe Spools	FxIc17b	10	1 EA	\$	997.20	\$ 997
Pipe Spools	FxIc17b	10	2 EA	\$	1,574.97	\$ 3,150
Pipe Spools	FxIc17b	8	1 EA	\$	4,320.55	\$ 4,321
Pipe Spools	FxIc17b	8	1 EA	\$	3,730.33	\$ 3,731
Pipe Spools	FxIc17b	8	1 EA	\$	3,435.52	\$ 3,436
Pipe Spools	FxIc17b	8	1 EA	\$	2,993.00	\$ 2,993
Pipe Spools	FxIc17b	8	1 EA	\$	2,845.49	\$ 2,845
Pipe Spools	FxIc17b	8	1 EA	\$	2,402.98	\$ 2,403
Pipe Spools	FxIc17b	8	4 EA	\$	2,255.47	\$ 9,022
Pipe Spools	FxIc17b	8	2 EA	\$	2,107.97	\$ 4,216
Pipe Spools	FxIc17b	8	2 EA	\$	1,960.46	\$ 3,921
Pipe Spools	FxIc17b	8	1 EA	\$	1,812.95	\$ 1,813
Pipe Spools	FxIc17b	8	1 EA	\$	1,665.45	\$ 1,665
Pipe Spools	FxIc17b	8	1 EA	\$	1,517.94	\$ 1,518
Pipe Spools	FxIc17b	8	4 EA	\$	1,370.44	\$ 5,482
Pipe Spools	FxIc17b	8	6 EA	\$	1,222.93	\$ 7,338
Pipe Spools	FxIc17b	8	9 EA	\$	1,075.43	\$ 9,679
Pipe Spools	FxIc17b	8	3 EA	\$	927.92	\$ 2,784
Pipe Spools	FxIc17b	8	6 EA	\$	780.41	\$ 4,682
Pipe Spools	FxIc17b	8	2 EA	\$	780.41	\$ 1,561
AG Ductile Iron Pipe - GxG	Glass Lined (Pipe: Class 53 min AWWA C115/A21.15) Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
Pipe Spools	GxGc17b	10	3 EA	\$	6,953.03	\$ 20,859
Pipe Spools	GxGc17b	10	1 EA	\$	6,384.69	\$ 6,385
Pipe Spools	GxGc17b	10	1 EA	\$	6,195.24	\$ 6,195
Pipe Spools	GxGc17b	10	1 EA	\$	6,035.79	\$ 6,036
Pipe Spools	GxGc17b	10	1 EA	\$	2,974.62	\$ 2,975
Pipe Spools	GxGc17b	10	1 EA	\$	1,837.93	\$ 1,838
Pipe Spools	GxGc17b	10	2 EA	\$	1,459.03	\$ 2,918
Pipe Spools	GxGc17b	10	1 EA	\$	1,080.14	\$ 1,080
Pipe Spools	GxGc17b	10	2 EA	\$	3,484.57	\$ 10,969
AG Ductile Iron Fittings - Flanged	Glass Lined (Pipe: Class 53 min AWWA C115/A21.15) Flange: AWWA C110/A21.10 Class 125 Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
90 Elbow		12	6 EA	\$	3,081.33	\$ 18,488
90 Elbow		10	4 EA	\$	2,420.18	\$ 9,681
90 Elbow		8	15 EA	\$	1,652.00	\$ 57,820
45 Elbow		8	3 EA	\$	1,468.00	\$ 4,404
22.5 Elbow		8	2 EA	\$	1,452.67	\$ 2,905
Tee		12	2 EA	\$	4,380.00	\$ 8,760
Tee - Reducing		12x8	2 EA	\$	3,792.00	\$ 7,584
Tee - Reducing		10x8	2 EA	\$	2,806.67	\$ 5,613
Tee - Reducing		10x6	5 EA	\$	2,704.00	\$ 13,520
Reducer - Concentric		12x10	3 EA	\$	2,662.67	\$ 7,988
Reducer - Concentric		12x6	2 EA	\$	2,291.33	\$ 4,583
Reducer - Concentric		10x8	2 EA	\$	1,924.00	\$ 3,848
Reducer - Concentric		10x6	2 EA	\$	1,689.33	\$ 3,379
Reducer - Concentric		10x4	2 EA	\$	1,733.33	\$ 3,467
Reducer - Concentric		8x4	8 EA	\$	1,260.00	\$ 10,080
Expansion Joint	125-pound ASME B16.1 standard w/ split galvanized steel retaining rings	12	4 EA	\$	2,995.51	\$ 11,982
Expansion Joint	125-pound ASME B16.1 standard w/ split galvanized steel retaining rings	8	5 EA	\$	2,085.59	\$ 10,028
Disarming Joint	Dresser Piping Specialties Style 131, Viking Johnson, Or equal	10	2 EA	\$	1,748.04	\$ 3,496
Blind Flange		10	2 EA	\$	1,526.67	\$ 3,053
AG Ductile Iron Fittings - Grooved	Glass Lined (Groove: AWWA C606) 250 psi min. working pressure: Victaulic				\$	
90 Elbow		10	10 EA	\$	2,463.68	\$ 24,637
45 Elbow		10	3 EA	\$	2,191.82	\$ 6,575
Tee		10	4 EA	\$	3,194.14	\$ 12,777
Reducer - Concentric		10x8	3 EA	\$	1,957.17	\$ 5,872
Coupling, Ductile Iron		10	23 EA	\$	1,118.52	\$ 25,726
AG Ductile Iron Pipe - FxI	Glass Lined (Pipe: Class 53 min AWWA C115/A21.15) Flange: AWWA C110/A21.10 Class 125 Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)				\$	
Pipe Spools	FxIc17b	0	1 EA	\$	3,803.06	\$ 3,803

11/11/2025
3:35 PM

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION		QUANTITY		UNIT		PRICE		TOTAL	
DUCTILE IRON PIPE Tras Rio PONDUS & Waste Heat Recovery									
				NAME		Fortline			
				PHONE		480-562-0451			
				CONTACT		Sergio Salido			
				EMAIL		Sergio.Salido@fortline.com			
				CELL					
				Manufacturer					
				Notes					
				SOLICITATION STATUS		Date:			
3	DUCTILE IRON PIPE								
	Pipe Spools	FxK126*	0	1 EA	\$	2,802.83	\$	2,803	
	Pipe Spools	FxK111	6	1 EA	\$	2,502.76	\$	2,503	
	Pipe Spools	FxK66*	6	2 EA	\$	1,602.53	\$	3,205	
	Pipe Spools	FxK76*	6	1 EA	\$	1,402.51	\$	1,403	
	Pipe Spools	FxK5*	6	2 EA	\$	1,302.48	\$	2,605	
	Pipe Spools	FxK26*	6	4 EA	\$	802.37	\$	3,209	
	Pipe Spools	FxK2*	6	3 EA	\$	702.34	\$	2,107	
	Pipe Spools	FxK16*	6	7 EA	\$	602.32	\$	4,216	
	Pipe Spools	FxK1*	6	7 EA	\$	502.30	\$	3,516	
	Pipe Spools	FxK06*	6	5 EA	\$	502.30	\$	2,511	
	Pipe Spools	FxK2*	4	1 EA	\$	593.15	\$	593	
	Pipe Spools	FxK16*	4	9 EA	\$	504.05	\$	4,536	
	Pipe Spools	FxK1*	4	2 EA	\$	414.94	\$	830	
	AG Ductile Iron Fittings - Flanged	Glass Lined (Flange: AWWA C110/A21.10 Class 125 Class: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)			\$		\$		
	90 Elbow		0	15 EA	\$	1,091.33	\$	16,370	
	22.5 Elbow		6	2 EA	\$	990.00	\$	1,980	
	Tee		6	6 EA	\$	1,390.00	\$	8,340	
	Reducer - Concentric		6x4	4 EA	\$	892.67	\$	3,571	
	Expansion Joint	125-pound ASME B16.1 standard w/ split galvanized steel retaining rings, Dresser Piping Specialties Style 131, Viking, Johnson, Or equal	6	8 EA	\$	1,730.15	\$	13,841	
	Dismantling Joint		6	4 EA	\$	1,237.45	\$	4,950	
	AG Ductile Iron Fittings - Miscellaneous (Glass Lined)	Glass Lined (Glass: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)			\$		\$		
	Tap Saddle, Ductile Iron		10x1-1/2	3 EA	\$	298.22	\$	895	
	Tap Saddle, Ductile Iron		8x1-1/2	6 EA	\$	282.80	\$	1,697	
	AG Ductile Iron Fittings - Miscellaneous (Glass Lined)	Glass Lined (Glass: 6-10mils thick by Fast Fabricators, Inc, Ferrock MEH-32; Ceramic Coating Co., SL-31; VITCO Corp, SG-14)			\$		\$		
	Tap Saddle, Ductile Iron (L)		6x1-1/2	3 EA	\$	271.30	\$	814	
	COATING:								
		Surface Prep	Paint Material	Min. Coats, Cover					
		SP 10, Near-White Blast Cleaning	Epoxy Primer Ferrous Metal	1 coat, 2.5 MFT					
			Polyurethane Topcoat	1 coat, 5 MFT					
	Pipeline Material Escalation	3.50%			\$		\$	20,659.29	
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD PER PLANS AND SPECS FOR JOBSITE - add money in special conditions if necessary Addenda Acknowledged?				\$		\$		
	SubTotal				\$		\$	610,925	
	Tax @ Special Conditions				\$		\$		
	Spreadsheet Total				\$		\$	610,925	
	Bond @ 1%				\$		\$	6,231.44	
	Qty check (should be zero):				0				

Contract Amount without
Escalation: \$602,485

Quotation Analysis Cover Sheet

Quote Taker: Steven Peralta

Quote Group: 4.5350 FRP

Project Name: Tres Rios Camp 3

Vendor Contact: Logan Reed

Vendor Name: ThermAir Systems

Vendor Phone: 520-618-5345

Union: Yes / No / (N/A) (circle)

DIR No. & Exp Date (for CA Subcontractors):
<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal / (N/A) (circle)

License No. & Exp Date:

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: mypldcca.hawaii.gov/public-license-search

Analysis: FRP Duct

3.5% Escalation - See Spreadsheet

LAB NOT INCLUDED

ADD WPATS FOR FIELD ASSEMBLY - NEED 30 EXTRA DI (6")

@ 0.75/DI = 23 HR = \$1610
 $\times 170/HR$

(8") 16 DI @ 0.75/DI = 12 HR = \$840
 $\times 170/HR$

Contract Amount without
Escalation: \$19,518

Subtotal: \$17,511

Listing Amount: _____

Tax: _____%

xBE Amount: _____

Bond: _____%

Type of xBE: _____

Special Conditions: \$2,500

xBE Certs Attached? (circle): Yes / No / N/A

Quoted Total: \$20,044

Certifying Agencies (circle): Caltrans / Metro / SBA

Comparable Total: _____

LABAVN / Other: _____

(If different from Quoted Total)

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? (Yes) / No / N/A

Is quotation valid for 90 days (circle)? (Yes) / No

Is escalation included in the unit prices (circle)? (Yes) / No / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

Project specific Safety Form attached (circle)? Yes / No / (N/A)

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / (N/A)

Lead time for materials or equipment: _____ weeks

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION **FRP PIPE**

Qty Check: 0

JOB **Tres Rios PONDUS & Waste Heat Recovery**

10	FRP PIPE	NAME	ThermAir Systems		
		PHONE	520-623-0656		
		CONTACT	Jeff Phillippe		
		EMAIL	jeffp@thermairsystems.com		
		CELL	480-377-9255		
		"Manufacturer"			
		Notes			
		SOLICITATION STATUS			
		Date:	UP	TOTAL	
SPR SECTION	DESCRIPTION	SIZE	QUANT	UNIT	
23 31 16.16	PONDUS				
	FRP Duct	Premium corrosion-resistant, fire-retardant vinyl ester Liner resin: premium grade and corrosion resistant Joints: butt joints Manufacturers: Spunstrand, Belco, Daniel Company, or equal			
	FRP Duct	6	60 LF	\$ 250	\$ 15,018
	Piping Material Escalation	3.50%			\$ -
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD PER PLANS AND SPECS				\$ 525.63
	FOB JOBSITE - add money in special conditions if necessary			Yes	
	Addenda Acknowledged?			Yes	\$ 2,000.00
	SubTotal				\$ 17,544
	Tax @				\$ -
	Speical Conditions				\$ 2,500
Spreadsheet Total					\$ 20,044
Qty check (should be zero):					0



1802 W Grant Rd, Ste 106
Tucson, AZ 85745

Phone: (520) 623-0656 - Fax: (520) 623-0668

To: KleWit - Jack Hanley

Project: Tres Rios WRF GMP3 Pondus & Waste Heat Recovery AZ

Engineer: HDR

Bld Date: 08/08/2025

Addendum:

Proposal: 057086

Plan Date: 06/01/2025

Revision: 00

Following prices include only those items specifically mentioned. Starters, controls, isolators, etc. are not included unless noted otherwise. Warranty is as provided by each manufacturer. Extended warranties and spare parts are not included in this proposal. All Freight is F.O.B. Factory. All prices are good for 30 days from the date of the quote. Payment terms for open accounts are net 30 days from date of invoice. Terms and conditions on customer purchase orders do not supersede ThermAir payment terms. Credit cards are accepted. A 3% processing fee will be added to all credit card transactions.

Any price quoted on a Quotation is based upon the price for the Equipment quoted to Seller by the original manufacturer thereof, which cost may be affected by changes in availability of materials, market conditions, tariffs, or other factors beyond Seller or the manufacturer's control. In the event that the manufacturer of the Equipment increases the price of the Equipment between the date of the Quotation and the acceptance thereof, Seller reserves the right to increase the quoted price of the effected Equipment by an amount up to the increase in price notified by the manufacturer.

** Price excludes sales tax. If applicable, add 8.3% for the Mesa Branch or 8.7% for the Tucson Branch **

*** Please refer to ThermAir Systems current T&C's as it relates to taxes and tariffs ***

SPUNSTRAND FRP DUCT & PIPE

Spunstrand FRP Ductwork including the following pieces:

- (50) 6" Duct
- (5) 90 Degree Elbows
- (1) 45 Degree Elbow
- (1) 8x8x6 Tee
- (1) 6" Flange

Lead Time: Pending

Exclusions:

Duct supports/hangers, any parts not mentioned above

Total Price, FOB Factory, Full Freight Allowed \$ 15,018.00

Thank you for the opportunity to quote this project. Please call if you have any questions or if you require additional information.

Sincerely,

J. Logan Reed
loganr@thermalsystems.com

(1) **AGREEMENT OF SALE.** These Standard Terms and Conditions apply to all goods (including equipment and parts) (Equipment) and services (Services) provided by ThermAir Systems (Seller) to or for the customer (Customer) under any purchase order, sales contract, quotation, offer, order acknowledgement, or invoice. Customer accepts these Standard Terms and Conditions by signing and returning Seller's proposal or quotation (Quotation), by sending a purchase order in response to the Quotation, or by instructing Seller to begin work, including requesting shipment of Equipment or performance of Services. Seller's Quotation and these Standard Terms and Conditions shall constitute the entire agreement relating to the Equipment and Services covered by the Quotation (the Agreement). No terms, conditions or warranties and no agreement or understanding, oral or written, in any way purporting to add to or modify such terms and conditions, whether contained in Customer's purchase order or shipping release forms, or elsewhere, shall be binding on Seller unless hereafter made in writing and signed by Seller's authorized representative. Customer is hereby notified of Seller's express rejection of any terms inconsistent with or additional to the terms and conditions herein or to any other terms proposed by Customer in accepting Seller's Quotation. Neither Seller's subsequent lack of objection to any such terms, nor the delivery of Equipment or performance of Services, shall constitute an agreement by Seller to any such terms.

(2) **TERMINATION OR MODIFICATION.** Accepted orders may be cancelled or terminated by Customer only with Seller's express written consent. All modifications to this Agreement must be by written agreement signed by both parties. Any changes in specifications, quantities, schedules, materials or services requested by Customer shall be subject to an equitable adjustment in the contract price, time of performance, or both. If cancellation or modification is allowed, Customer agrees to pay to Seller all expenses incurred and damage sustained by Seller on account of such cancellation or modification, plus a reasonable profit.

(3) **PRICE, SHIPMENT, AND PAYMENT.** All price quotations expire thirty (30) calendar days from the date of the Quotation unless otherwise stipulated in that Quotation. Prices of Equipment scheduled for shipment more than six (6) months after the date of Customer's order shall be subject to escalation. Price and delivery is F.O.B. point of manufacture (Uniform Commercial Code), unless otherwise provided in the Quotation. Unless otherwise agreed to in writing by Seller, and subject to the approval of Seller's credit department, all payments are due net thirty (30) days from the date of invoice with no discounts or retainages. Seller may, at its sole option, have the right to make any delivery under this Agreement payable on a cash or payment guarantee before shipment basis. Any price quoted on a Quotation is based upon the price for the Equipment quoted to Seller by the original manufacturer thereof, which cost may be affected by changes in availability of materials, market conditions, tariffs, or other factors beyond Seller or the manufacturer's control. In the event that the manufacturer of the Equipment increases the price of the Equipment between the date of the Quotation and the acceptance thereof, Seller reserves the right to increase the quoted price of the affected Equipment by an amount up to the increase in price notified by the manufacturer.

(4) **TAXES.** All prices exclude local, state, and federal excise, use, sales or similar taxes, as well as all import and customs taxes, fees, duties, tariffs, and levies or other charges imposed and/or enacted by a government, in each case whether now or hereafter levied or imposed and regardless of how such amounts are designated or imposed, all of which shall be the sole responsibility of Customer (Excluded Fees). Seller shall endeavor to include Excluded Fees as a separate item on the invoice(s) submitted to Customer. In the event Seller is required to pay, or does pay, any Excluded Fee on behalf of Customer, Seller shall invoice Customer for such Excluded Fees, which invoice shall be due upon receipt.

(5) **DELIVERY.** The delivery date(s) provided by Seller for the Equipment is only an estimate and is based upon prompt receipt of all necessary information from Customer. Seller shall use commercially reasonable efforts to meet the delivery date, but Seller will not be liable for any delay, regardless of cause. Seller reserves the right to ship in advance of any Customer request dates, except those dates stipulated as Not Before in writing by Customer. If Customer causes Seller to delay shipment or completion of the Equipment, Seller shall be entitled to any and all extra cost and expense resulting from such delay, including, without limitation, charges for packing, storing, and insuring the Equipment prior to delivery.

(6) **RISK OF LOSS.** Except as otherwise set forth in the Agreement, once the Equipment is shipped, Customer assumes and shall bear all risk of loss, destruction, or damage to the Equipment, and, if the purchase price has not been paid prior to shipment, Customer shall be responsible for obtaining and maintaining insurance against such loss in an amount sufficient to cover the entire purchase of the Equipment until the purchase price has been paid in full.

(7) **SECURITY AGREEMENT.** Title to the Equipment will remain in Seller until the purchase price for the Equipment and any Services related thereto has been paid in full. As security for the full payment of the price for the Equipment and Services, Customer hereby (a) grants to Seller a security interest in and (b) authorizes Seller to execute and file financing statements pertaining to, the Equipment and all proceeds thereof. Customer will notify Seller in writing within thirty (30) days of any change of Customer's name or state of organization and take such other action as Seller deems necessary to protect its security interest. The termination of this Agreement shall not be construed as termination of the security interest hereunder. The Equipment shall remain personal property and retain its character as such no matter in what manner affixed or attached to any structure or property. Until the price for the Equipment and Services is paid in full, Customer shall keep the Equipment free of all liens, taxes, encumbrances, seizure or levy and shall not sell, loan or otherwise transfer possession of the Equipment without the written permission of Seller. In the event of attachment or execution being levied against the Equipment, the bankruptcy of the Customer or any default by Customer in payments due to Seller, Seller, in addition to all other rights and remedies available to it, may seize the Equipment and all payments made to the date of such repossession shall be considered as rent for the Equipment.

(8) **LIMITATIONS OF LIABILITY.** NOTWITHSTANDING ANYTHING IN THE AGREEMENT THAT MAY BE CONSTRUED TO THE CONTRARY (a) IN NO EVENT WILL SELLER, THE MANUFACTURER OF THE EQUIPMENT, ITS SUPPLIERS, NOR THEIR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, REPRESENTATIVES, OR AGENTS (THE SELLER PARTIES), BE LIABLE FOR ANY DELAY, WORK STOPPAGE, LOSS OF USE OF MACHINERY, LOSS OF TIME, INCONVENIENCE, LOSS OF PROFITS, OR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM, ATTRIBUTABLE TO, OR BASED ON DEFECTS IN THE EQUIPMENT AND SERVICES, NEGLIGENCE (INCLUDING GROSS NEGLIGENCE) OR OTHER TORT, WARRANTY, CONTRACT, INDEMNITY, BREACH OF ANY PROMISE TO REPAIR OR REPLACE THAT MAY BE CONTAINED HEREIN, STRICT LIABILITY OR OTHERWISE, AND (b) THE MAXIMUM AGGREGATE LIABILITY, IF ANY, OF THE SELLER PARTIES FOR ALL DIRECT DAMAGES, INCLUDING WITHOUT LIMITATION ALL CONTRACT DAMAGES, WHETHER RESULTING FROM, ATTRIBUTABLE TO, OR BASED ON DEFECTS IN THE EQUIPMENT AND SERVICES, NEGLIGENCE (INCLUDING GROSS NEGLIGENCE) OR OTHER TORT, WARRANTY, CONTRACT, INDEMNITY, BREACH OF ANY PROMISE TO REPAIR OR REPLACE THAT MAY BE CONTAINED HEREIN, STRICT LIABILITY OR OTHERWISE WITH RESPECT TO ANY EQUIPMENT AND SERVICES, IS LIMITED TO AN AMOUNT NOT TO EXCEED THE PRICE OF THE PARTICULAR DEFECTIVE EQUIPMENT AND SERVICES.

(9) **FORCE MAJEURE.** Seller will not be liable for any delay in or impairment of performance resulting in whole or in part from a situation outside of Seller's reasonable control, including, without limitation, epidemics, pandemics (including the COVID-19 pandemic), or other human health crisis; fires, floods, earthquakes, or other catastrophes; strikes, lockouts or labor disruptions; wars, riots, civil commotion, vandalism, terrorist acts, or embargo

delays; government allocations or priorities; shortages of fuel, labor or materials, failures of transportation equipment, or transportation delays; severe weather conditions; any applicable governmental or judicial law, regulation, order or decree.

(10) JURISDICTION/ATTORNEYS' FEES/JURY WAIVER.

(a) **GOVERNING LAW & VENUE.** The Agreement will be governed by the laws of the State of Arizona, without reference to its choice of law rules. The United Nations Convention on Contracts for the International Sale of Goods, and the 1974 Convention on the Limitation Period in the International Sale of Goods, as amended by the 1980 Vienna Protocol, will not apply. With respect to any dispute, claim or controversy arising under, out of, in connection with or relating to the Agreement or the Equipment or Services provided, or any course of conduct, course of dealing, statements (oral or written), or actions of Seller or Customer relating to the Agreement, or the Equipment or Services, Customer agrees that any action at law, suit in equity or other judicial proceeding for the enforcement of this Agreement or any provision hereof shall be instituted only in the United States federal or state courts located within the State of Arizona; provided, however, that (i) Seller at its option may elect to sue Customer at its principal place of business or in any jurisdiction in which the Equipment or other assets of Customer may be found, and (ii) in the event an action is brought by a third party against a party hereto with regard to a claim as to which such party hereto may be entitled to indemnification under this Agreement, such party may, at its election, bring a third party action in the forum in which the original action is pending for indemnity against the indemnitor notwithstanding anything to the contrary in this Agreement. In the event of any suit, action or proceeding of the nature referred to in the Agreement, the prevailing party will be entitled to its reasonable attorneys' fees, costs, and expenses incurred in such dispute, including any appeal thereof.

(b) **ATTORNEYS' FEES.** In the event Seller brings suit to collect any amounts due from Customer relating to the sale of the Equipment or the Services, Seller shall be entitled to recover its cost of collection, including reasonable attorneys' fees, costs and expenses incurred in collecting such amounts, including any appeal thereof.

(c) **JURY TRIAL WAIVER.** TO THE FULLEST EXTENT PERMITTED BY LAW, SELLER AND CUSTOMER HEREBY KNOWINGLY AND VOLUNTARILY WAIVE ANY RIGHTS THAT EITHER OF THEM MAY HAVE TO A TRIAL BY JURY WITH RESPECT TO ANY DISPUTE, CLAIM, OR CONTROVERSY DESCRIBED IN SECTION 10(A) ABOVE OR OTHERWISE BASED ON THE AGREEMENT OR THE EQUIPMENT OR SERVICES.

(11) SOFTWARE LICENSE. To the extent software is provided by Seller under the Agreement, Customer agrees that such software may only be used in accordance with the terms and conditions of the software license agreement that accompanies the software. Customer agrees not to directly or indirectly decompile, disassemble, reverse engineer or otherwise derive the source code for the software. If Customer is a U.S. Government agency, Customer acknowledges that the software licensed under the Agreement is a commercial item that has been developed at private expense and not under a Government contract. The Government's rights relating to the software are limited to those rights applicable to Customers as set forth herein and is binding on Government users in accordance with Federal Acquisition Regulation, 48 C.F.R. Section 227.7202-1 for defense agencies.

(12) WARRANTY.

(a) Customer acknowledges that the Equipment are not of Seller manufacture and are warranted only to the extent that they are warranted by the original manufacturer thereof. Seller shall endeavor to provide Customer with any warranty document or information provided by the original manufacturer, but Seller shall not be liable for any failure to share such documentation or information. Manufacturer warranties are often conditioned upon the Equipment being stored, maintained and operated in accordance with industry standard practices and/or the manufacturer's instructions or manuals, so Customer is encouraged to carefully read all manufacturer warranty documentation. SELLER DOES NOT MAKE, AND EXPRESSLY DISCLAIMS, ANY OTHER WARRANTIES WITH RESPECT TO THE EQUIPMENT AND CUSTOMER ACKNOWLEDGES AND AGREES THAT THE ONLY WARRANTIES MADE WITH RESPECT THERETO ARE THE WARRANTY (IF ANY) PROVIDED BY THE ORIGINAL MANUFACTURER OF THE EQUIPMENT.

(b) Seller warrants that the Services provided will be performed in a workmanlike manner. The sole remedy for any breach of this warranty for the Services in the performance of the Services by Seller without additional charge.

(c) THE WARRANTIES IN THIS SECTION 12 ARE THE ONLY WARRANTIES APPLICABLE TO ANY EQUIPMENT AND SERVICES AND ARE EXPRESSLY IN LIEU OF ANY WARRANTIES OR CONDITIONS OTHERWISE IMPLIED BY LAW (INCLUDING ANY WARRANTIES OTHERWISE IMPLIED BY LAW BY THE MANUFACTURER OF THE EQUIPMENT OR ITS SUPPLIERS), INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES UNDER THIS SECTION 12 SHALL BE THE SOLE REMEDIES AVAILABLE TO CUSTOMER OR ANY OTHER PERSON AND SHALL BE SELLER'S SOLE LIABILITY WITH RESPECT TO BREACH OF WARRANTY. SELLER ASSUMES NO OTHER OBLIGATION OR RESPONSIBILITY WITH RESPECT TO THE CONDITION OF THE EQUIPMENT OR THE SERVICES, AND DOES NOT AUTHORIZE ANY OTHER PERSON TO ASSUME FOR SELLER ANY OTHER OBLIGATION OR LIABILITY.

(13) ASSIGNMENT. Customer may not assign its rights under this Agreement without Seller's prior written consent. Seller may assign its rights under this Agreement, including the right to any moneys due or to become due hereunder, at any time and upon receiving notice of such assignment. Customer shall make payments to the assignee as directed.

(14) MISCELLANEOUS.

(a) **CHANGES OF CONSTRUCTION AND DESIGN:** Seller reserves the right to change or revise the construction and design of its products or equipment, without liability or obligation to incorporate such changes to the Equipment ordered by Customer unless specifically agreed upon in writing reasonably in advance of the delivery date for the Equipment. Customer agrees to bear the expense of meeting any changes or modifications in local code requirements which become effective after Seller has accepted Customer's order.

(b) **INSTALLATION:** If installation by the Seller is included within the Seller's Quotation, Customer shall provide all of the following at its own expense and at all times pertinent to the installation: (i) free, dry, and reasonable access to Customer's premises; and (ii) proper foundations, lighting, power, water and storage facilities reasonably required.

(c) **COMPLIANCE WITH LAWS:** Seller's obligations are subject to the applicable export administration and control laws and regulations of the United States. Customer shall comply fully with such laws and regulation in the export, resale or disposition of the Equipment. Quotations or proposals made, and any orders accepted by Seller from a Customer outside the United States are with the understanding that the ultimate destination of the Equipment is the country indicated therein. Diversion of the Equipment to any other destination contrary to the United States is prohibited. Accordingly, if the foregoing understanding is incorrect, or if Customer intends to divert the Equipment to any other destination, Customer shall immediately inform Seller of the correct ultimate destination.

(d) **SEVERABILITY.** If any provision of this Agreement is determined to be invalid, illegal or unenforceable, the remaining provisions will remain in full force and will be interpreted in order to best attain the parties' intentions as set forth in this Agreement.

(e) **ENTIRE AGREEMENT.** This Agreement, together with any attendant prints and specifications, shall constitute the complete and exclusive agreement between the parties, and it is expressly understood and agreed that no promises, provisions, terms, warranties, conditions, guarantees or obligations whatsoever, either expressed or implied, other than as herein set forth or provided for shall be binding on either party. In entering this Agreement, Customer is not relying upon any statements or representations not contained herein.

(f) **NO THIRD PARTY BENEFICIARIES.** The parties hereto agree that the Agreement shall inure only to the benefit of the parties hereto and to no third parties except the manufacturer(s) of any components of the Equipment.

(g) **COUNTERPARTS.** This Agreement may be executed and delivered by electronic means (including electronic signature) and in any number of counterparts, each of which, when so executed and delivered, shall be deemed to be an original and all of which taken together shall constitute one and the same instrument.

(h) **NOTICE.** All notices, requests, demands, designations, consents or other communications provided for herein or which shall be made pursuant hereto shall be in writing and shall be deemed to have been given and received when either (i) delivered by registered or certified United States mail, postage prepaid, return receipt requested, (ii) delivered personally, or (iii) upon confirmation of receipt, if delivered by email, in each case to the address for the receiving party noted in the Quotation.

Standard Terms and Conditions - February 2025



[External]RE: Tres Rios GMP 3 - FRP Duct

From Logan Reed <loganr@thermairsystems.com>
Date Fri 8/15/2025 2:46 PM
To Steven.Peralta <Steven.Peralta@kiewit.com>
Cc Miguel Navarro <migueln@thermairsystems.com>

Yes sir, the quote includes everything needed to make the duct connections in the field.

Let us know if you need anything else.

Logan Reed
Project Manager
333 N Wilmot Rd. Suite 340
Tucson, AZ 85711
Phone: 520-618-5345
LoganR@thermairsystems.com



From: Steven.Peralta <Steven.Peralta@kiewit.com>
Sent: Friday, August 15, 2025 2:12 PM
To: Logan Reed <loganr@thermairsystems.com>
Subject: Tres Rios GMP 3 - FRP Duct

Good Afternoon Logan,

I am reviewing your proposal for the FRP Duct for this project, and I was curious if the FRP wraps to connect the duct are included in the pricing of this system? Can you please clarify?

Thanks,



Steven Peralta
Field/Office Engineer
Southern California District
10704 Shoemaker Ave. Santa Fe Springs, CA 90670
818-919-3305 cell
kiewit.com

Quotation Analysis Cover Sheet

Quote Taker: Sharon Peralta
 Project Name: Tres Rios GMP 3
 Vendor Name: Core & Main

Quote Group: 4.5250 Plastic Pipe (HDPE)
 Vendor Contact: Jonathan Lertch
 Vendor Phone: 702-231-9411

Union: Yes / No / (N/A) (circle)

DIR No. & Exp Date (for CA Subcontractors):

<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal / (N/A) (circle)

License No. & Exp Date:

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: mypldccc.hawaii.gov/public-license-search

Analysis: HDPE

3.5% Escalation - See Spreadsheet

\$2K - FUSTON MACHINERY

Contract Amount without
Escalation: \$5,154

Subtotal: \$3,245

Tax: _____ %

Bond: _____ %

Special Conditions: \$2,000

Quoted Total: \$5,245

Comparable Total:

(if different from Quoted Total)

Listing Amount: _____

xBE Amount: _____

Type of xBE: _____

xBE Certs Attached? (circle): Yes / No / (N/A)

Certifying Agencies (circle): Caltrans / Metro / SBA
LABAVN / Other: _____

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / (No) / N/A

Is quotation valid for 90 days (circle)? Yes / No

Is escalation included in the unit prices (circle)? Yes / (No) / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

Project specific Safety Form attached (circle)? Yes / No / (N/A)

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / (N/A)

Lead time for materials or equipment: 1 weeks

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION **HDPE PIPE**

Qty Check: 0

Local

JOB **Tres Rios PONDUS & Waste Heat Recovery**

PVC, HDPE, DI, Pipe Support, V

2

HDPE PIPE

NAME	Core & Main
PHONE	702-234-9411/ 480-313-6960
CONTACT	Jonathan Leitch/ Scott Bates
EMAIL	<u>Jonathan.Leitch@coreandmain.com</u>
CELL	Jonathan = 702Scott = 480
"Manufacturer"	
Notes	

SOLICITATION STATUS

SPEC SECTION	DESCRIPTION	SIZE	QUANT	UN	Date:	UP	TOTAL
40 27 00.19	HDPE PIPE						
	ASTM D3350, SDR 7, Fusion HDPE Pipe						
	Pipe	10	20			\$ 63.00	\$ 1,260
	ASTM D3350, SDR 7, Fusion HDPE Fittings						
	90 Elbow	10	2			\$ 483.00	\$ 966
	Flange Adapter w/ Backup Ring	10	2			\$ 189.00	\$ 378
							\$ -
	Piping Material Escalation	3.50%					\$ 91
	SPARE PARTS						
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD				Yes		
	PER PLANS AND SPECS				Yes		
	FOB JOBSITE - add money in special conditions if necessary					\$ 550.00	\$ 550.00
	Addenda Acknowledged?						
	SubTotal						\$ 3,245
	Tax @						\$ -
	Special Conditions						\$ 2,000
Spreadsheet Total							\$ 5,245

Qty check (should be zero): 0



Bid Proposal for TRES RIOS - KIEWIT: 10" DR7 PIPE

CUSTOMER

KIEWIT WESTERN AZ PLANT DIV
3888 E BROADWAY
PHOENIX, AZ 85040

Job
TRES RIOS - KIEWIT: 10" DR7 PIPE
TUCSON, AZ
Bid Date: 07/30/2025
Bid #: 4358645

CONTACT

Sales Representative
Fausto Ceballos
(T) 951-316-0569
Fausto.Ceballos@coreandmain.com

Core & Main
560 W. Rincon St
Corona, CA 92878
(T) 9095748662

NOTES

QUOTE VALID TO...08/17/2025
PLUS TAX WHERE APPLICABLE.
LEAD TIME TBD AT TIME OF ORDER.
ESTIMATED LEAD TIME...7-10 business days
FREIGHT TBD AT TIME OF SHIPMENT, PREPAY & ADD, FOB CORONA
ESTIMATED FREIGHT LISTED IS FOR DELIVERY TO JOBSITE
IF QNTYS CHANGE, PRICES, LEAD TIMES, & FREIGHT MAY CHANGE.
ORDER IS NON-CANCELABLE, NON-RETURNABLE, NON-REFUNDABLE.
SEE BRANCH TERMS BELOW.



Bid Proposal for TRES RIOS - KIEWIT: 10" DR7 PIPE

KIEWIT WESTERN AZ PLANT DIV
 Job Location: TUCSON, AZ
 Bid Date: 07/30/2025
 Core & Main Bid #: 4358645

Core & Main
 560 W. Rincon St
 Corona, CA 92878
 Phone: 9095748662
 Fax: 9095748663

Seq#	Qty	Description	Units	Price	Ext Price
30	40	10X40 IPS DR7 HDPE PIPE BLK 200 PSI	FT	63.00	2,520.00
40	2	10" DR7 IPS PE 90 DEG MOLD	EA	483.00	966.00
50	2	10 IPS DR7 HDPE FLG ADPT	EA	129.00	258.00
60	2	10" SDR7 IPS DI BACK-UP RING EPOXY COATED	EA	60.00	120.00
90		HDPE FUSION RENTAL UNIT RATES (NOT INCLUDED IN TOTAL):			
100		TOTAL CHARGES ARE DETERMINED AFTER RENTALS ARE			
110		RETURNED			
110		TO THEIR RESPECTIVE HOME BRANCH.			
130		FOB CORONA, CA BRANCH:			
150		TECH RESPONSIBLE FOR FUSION JOINTS ONLY. CONTRACTOR MUST			
160		ASSIST W/LABOR & EQUIPMENT TO LIFT, PULL, LOAD, ETC. HDPE.			
180	0	FUSIBLE HDPE TECHNICIAN CHARGE PER 8-HR WORK DAY	EA	1,350.00	0.00
200	0	MCELROY ROLLING 618 MACHINE DAILY RATE	EA	350.00	0.00
210	0	MCELROY ROLLING 618 MACHINE WEEKLY RATE	EA	1,400.00	0.00
220	0	MCELROY ROLLING 618 MACHINE MONTHLY RATE	EA	4,200.00	0.00
		SELF-CONTAINED, GAS-OPERATED			
250	0	MCELROY DATALOGGER DAILY RATE	EA	200.00	0.00
260	0	MCELROY DATALOGGER WEEKLY RATE	EA	800.00	0.00
270	0	MCELROY DATALOGGER MONTHLY RATE	EA	2,400.00	0.00
290	0	EQUIPMENT MOB/DEMOB CHARGE EACH WAY	EA	550.00	0.00
				Sub Total	3,864.00
				Freight	550.00
				Tax	336.16
				Total	4,750.16

Branch Terms:

This material list is based on interpretation of the plans by Core & Main and pricing is based on quantities and materials noted only. Final determination of materials required for the project is the responsibility of bidding contractor.

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/terms-of-sale/>

THIS BID MAY INCLUDE GLOBALLY SOURCED (IMPORTED) MATERIALS THAT ARE SUBJECT TO CHANGING TARIFFS. PRICES ARE SUBJECT TO CHANGE DUE TO POTENTIAL ADDITIONAL TARIFFS IMPOSED BY THE U.S. GOVERNMENT. IF IMPOSED, PRICES WILL INCREASE BY THE SAME PERCENTAGE AND WILL BE EFFECTIVE ON THE DATE THAT THE NEW TARIFFS ARE IMPLEMENTED. THESE ITEMS SHOULD BE PURCHASED WITH HASTE TO AVOID ANY ADDITIONAL RISING TARIFF COSTS.

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION **PRE-INSULATED PIPE**

Qty Check: 0

JOB **Tres Rios PONDUS & Waste Heat Recovery**

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PRE-INSULATED PIPE

NAME

J & B Sales Co.

PHONE
CONTACT

602-258-1545

Jake Seitzer

EMAIL

jseitzer@j-bsalesco.com

CELL

602-803-0617

"Manufacturer"

Notes

SOLICITATION STATUS

Date:

SPEC SECTION	DESCRIPTION	SIZE	QUANT	UN	UP	TOTAL
	PRE-INSULATED PIPE					
	Pipe Material & Fab		1 PLS		\$	-
					\$	-
	UG Pre - Insulated Pipe		1 PLS		\$ 40,945	\$ 40,945
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
					\$	-
	Material Escalation	3.50%			\$	1,433
	Coating? Sandblasted/Primed?					
	Stick Lengths?					
	Highlighted Drawings?					
	Lead Time					
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD					
	PER PLANS AND SPECS					
	FOB JOBSITE - add money in special conditions if necessary					
	Addenda Acknowledged?					
	SubTotal				\$	42,378
	Tax @				\$	-
	Speical Conditions					
	Spreadsheet Total				\$	42,378

Qty check (should be zero):

Contract Amount without
Escalation: \$40,945

 11/11/2025
4:11 PM

PERMA-PIPE QUOTE

Project Name:	TRES RIO	Quote Number:	H1152
Location:		Quote Date:	8/7/2025
State/Country:	AZ	Quote Valid Through:	8/22/2025
Engineer:	JB		
Estimator:	RB		

Cross Section 1: 6" HDPE**XTRATHERM HDPE 100VIL Std Jacket; No Installed Shrink End Caps on Square Insulation Ends****Containing:****6 in. Stru-Therm Smk carrier pipe with 2 in. of insulation; with Bent El; No Perma-Pipe hydrostatic test incl**

364 FT of Centerline to Centerline Take Off
25 FT Minus Total Fitting Tangent Footage
339 FT Equals Take Off footage reduced by Fitting Tangents
320 Preinsulated Straight (40FT Lengths)
20 Preinsulated Straight (20FT Lengths)
4 Xtru-Therm Std. 90 Elbow
4 Xtru-Therm Std. 45 Elbow
40 Expansion Pads
60 Expansion Pads
25 Xtru-Therm Field Joint Kits
4 Loose Shrink End Cap(s)

Grand Total \$40,915.00**Est Number of FTL shipments 1****ARIZONA PE STAMP****PE NOT INCLUDED IN ABOVE PRICING****PRICE IS FOR FULL RELEASE FOR FABRICATION; PARTIAL RELEASES ARE SUBJECT TO ADDITIONAL CHARGES.****PRICING IS VALID FOR 15 DAYS FROM DATE OF QUOTE ABOVE****PROPOSAL SUBJECT TO PERMA-PIPE'S TERMS AND CONDITIONS OF SALE.****PRICING PER NEWS EMAIL REQUEST ON 8/1/2025.****PARTIAL PLANS AND SPECS AVAILABLE AT TIME OF QUOTE.****ENGINEER REQUIRED.****ARIZONA PE STAMP.****PIPE IS BASED ON IMPORT ORIGIN.****ALL PURCHASE ORDERS TO BE MADE OUT TO PERMA-PIPE, INC 1100 GOLF RD. SUITE 190, ROLLING MEADOWS, IL 60008.****THE SURFACE CONDITION OF ALL SUPPLIED PIPE, PLATES, RODS, AND CHANNELS SHALL MEET THE STANDARD ISO 8501, PART 1, CONDITIONS A & B.****PERMA-PIPE PRICE INCLUDES SUBMITTAL CHARGES FOR THE INITIAL SUBMITTAL, AND ONE (1) REVISION.****IF ADDITIONAL REVISIONS ARE REQUIRED AFTER REVIEW BY THE ENGINEER OF RECORD AND CONTRACTOR FOR RE-SUBMITTAL,****PERMA-PIPE MAY CHARGE A FLAT RATE OF NET \$250.00, PER ADDITIONAL SUBMITTAL.****SUBMITTALS RETURNED AFTER THE ONE (1) REVISION APPROVED FOR FABRICATION WILL NOT BE SUBJECT TO ADDITIONAL COSTS FOR FIELD VERIFIED DIMENSIONS.****PERMA-PIPE (APPROPRIATE BUSINESS UNIT) ("PERMA-PIPE") IS NOT AN ENGINEER-OF-RECORD FOR THIS PROJECT. A PROFESSIONAL ENGINEER OF PERMA-PIPE STAMPING TECHNICAL DOCUMENTS (AS DEFINED BELOW), IF REQUIRED, DOES NOT RELIEVE THE PROJECT ENGINEER-OF-RECORD FROM ITS RESPONSIBILITY OF DESIGN OR OTHER ENGINEERING OR TECHNICAL SERVICES. PE STAMPING OF ENGINEERING DRAWINGS, HEAT LOSS OR STRESS ANALYSIS ("TECHNICAL DOCUMENTS") BY PERMA-PIPE SUPPORTS ONLY THE WORK PERFORMED BY PERMA-PIPE AND IS SOLELY BASED ON THE DESIGN AND OTHER INFORMATION PROVIDED TO PERMA-PIPE BY OWNER, GENERAL CONTRACTOR, SUBCONTRACTOR, ENGINEER OF RECORD, ARCHITECT, OR PERMA-PIPE CUSTOMER. PERMA-PIPE IS A PRODUCT MANUFACTURER AND SUPPLIER AND STAMPING OF TECHNICAL DOCUMENTS, IF REQUIRED, IS INCIDENTAL OR ANCILLARY TO CONDUCT ITS BUSINESS AS A PRODUCT MANUFACTURER AND SUPPLIER, AND NOT AS AN ARCHITECT, ENGINEER OR SURVEYOR.****TECHNICAL DOCUMENTS AND THE OTHER INFORMATION OR ILLUSTRATIONS PROVIDED IN THIS BID IS PERMA-PIPE'S CONFIDENTIAL INFORMATION AND SHALL REMAIN THE SOLE PROPERTY OF PERMA-PIPE (APPROPRIATE BUSINESS UNIT), INCLUDING ANY COPYRIGHTS THEREIN, AND IS SUBMITTED AND FURNISHED IN CONFIDENCE WITH THE UNDERSTANDING THAT THE RECIPIENT SHALL NOT REPRODUCE, COPY, LOAN, DISPOSE, OR DISCLOSE TO ANYONE OUTSIDE THE RECIPIENT'S ORGANIZATION DIRECTLY OR INDIRECTLY, AND THAT THE RECIPIENT SHALL RETURN THE SAME TO PERMA-PIPE UPON REQUEST.****PERMA-PIPE RESERVES THE RIGHT TO REQUIRE PAYMENT MILESTONE(S), INCLUDING FOR PRE-PAID RAW MATERIALS, FROM THE CUSTOMER BEFORE ACCEPTING THE PURCHASE ORDER.**

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION **PVC/CPVC PIPE**

Qty Check: 0

Arizona

JOB **Tres Rios PONDUS & Waste Heat Recovery**

1	PVC/CPVC PIPE	NAME	Ferguson			
		PHONE	602-495-8420			
		CONTACT	Jamie Germann			
		EMAIL	jamie.germann@ferguson.com			
		CELL	480-619-3382			
		Notes				
		SOLICITATION STATUS				
		Date:				
SPEC SECTION	DESCRIPTION	SIZE	QUANT	UNIT	UNIT PRICE	TOTAL
40 27 00.10	PONDUS					
	PVC Gravity Pipe					
	SCH 80 ASTM D1784 Socket Weld Joints				\$	-
	Pipe	6	60 LF	\$	11.60	696
	Pipe	4	320 LF	\$	5.91	1,890
	SCH 80 ASTM D1784 Socket Welded Fittings				\$	-
	90 Elbow	6	4 EA	\$	72.12	288
	90 Elbow	4	8 EA	\$	25.35	203
	45 Elbow	6	4 EA	\$	86.65	347
	45 Elbow	4	5 EA	\$	68.80	344
	Wye	6	2 EA	\$	295.88	592
	Wye	4	6 EA	\$	216.64	1,300
	Slip On Flange	6	2 EA	\$	23.17	46
	Cleanout	6	3 EA	\$	244.08	732
	Reducer - Concentric	6 x 4	2 EA	\$	129.73	259
40 27 00.11	CPVC Gravity Pipe					
	SCH 80 ASTM D1784 Type IV Grade 1 Socket Weld Joints (w/ titanium dioxide for uv protection)				\$	-
	Pipe				\$	-
	Pipe	1.5	20 LF	\$	4.80	96
	Pipe				\$	-
	SCH 80 ASTM D1784 Socket Welded Fittings				\$	-
	90 Elbow	2.0	5 EA	\$	10.61	53
	90 Elbow	1.5	5 EA	\$	8.80	44
	90 Elbow	0.5	5 EA	\$	1.80	9
	45 Elbow	2.0	3 EA	\$	11.43	34
	45 Elbow	1.5	3 EA	\$	10.20	31
	Coupling	2.0	13 EA	\$	7.84	102
	Coupling	1.5	13 EA	\$	6.75	88
	Tee	1.5	3 EA	\$	12.71	38
	Tee	0.5	6 EA	\$	4.21	25
	Reducer - Concentric	2 x 1.5	2 EA	\$	31.93	64
	Reducer - Concentric	1.5 x .5	3 EA	\$	24.15	72
	Slip ON Flange	1.5	2 EA	\$	12.08	24
	Slip ON Flange	0.5	5 EA	\$	18.29	91
	Pipe Sleeve	2	2 EA	\$	7.84	16
40 27 00.15	CPVC Double Containment Pipe					
	Carrier Pipe: Sch. 80 Class Class 23447-A CPVC ASTM D1784 Solvent Weld				\$	-
	Containment Pipe: Sch. 80 PVC ASTM D1784				\$	-
	Double contained pipe (Carrier: 1/2", Containment: 2"): 20' runs	2 / 0.5	17 EA	\$	295.47	5,023
	Sch. 80 ASTM D1784 Double Containment Fittings Solvent Weld				\$	-
	90 Elbow	2	5 EA	\$	22.69	453
	45 Elbow	2	3 EA	\$	119.54	359
	Coupling	2	13 EA	\$	31.53	414
					\$	-
	Leak Detection System		1 EA	\$	30,000	30,000
					\$	-
					\$	-
	Material Escalation				\$	875
	Stick Lengths?					
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD					
	PER PLANS AND SPECS					
	FOB JOBSITE - add money in special conditions if necessary					
	Addenda Acknowledged?					
	SubTotal				\$	44,619
					\$	-
	Tax @				\$	-
	Special Conditions					
	Spreadsheet Total				\$	44,619

Qty check (should be zero):

Contract Amount without
Escalation: \$43,744



Mrs. Jamie Germann
Outside Sales, AZ-NM-El Paso
Strategic Infrastructure Group (Plant Division)

Ferguson Waterworks
1324 S. 3rd Street # 140 Phoenix, AZ 85004
Office (602) 495-8420
Direct Mobile (480) 619-3382
E: jamie.germann@ferguson.com

DESCRIPTION PVC/CPVC PIPE

Qty Check: 0

JOB Tres Rios PONDUS & Waste Heat Recovery

		NAME		PKS - PLUG	
		PHONE			
		CONTACT			
		EMAIL			
		CELL			
		Notes			
		SOLICITATION STATUS			
SECTION	DESCRIPTION	SIZE	QTY	UNIT	TOTAL
40 27 00.10	PONDUS				\$ -
	PVC: Gravity Pipe				\$ -
	SCH 80 ASTM D1784 Socket Weld Joints				
	Pipe	6	60 LF	\$ 11.60	\$ 696.00 SOLD IN 20' LENGTHS
	Pipe	4	320 LF	\$ 5.91	\$ 1,890.13 SOLD IN 20' LENGTHS
	SCH 80 ASTM D1784 Socket Welded Fittings				
	90 Elbow	6	3 EA	\$ 72.12	\$ 216.36
	90 Elbow	4	7 EA	\$ 25.35	\$ 177.43
	45 Elbow	6	3 EA	\$ 86.65	\$ 259.96
	45 Elbow	4	4 EA	\$ 68.80	\$ 275.20
	Wye	6	1 EA	\$ 295.88	\$ 295.88
	Wye	4	5 EA	\$ 216.64	\$ 1,083.20
	Slip On Flange	6	1 EA	\$ 23.17	\$ 23.17
	Cleanout	6	2 EA	\$ 244.08	\$ 488.16
	Reducer - Concentric	6 x 4	1 EA	\$ 129.73	\$ 129.73
40 27 00.11	CPVC: Gravity Pipe				
	SCH 80 ASTM D1784 Socket Weld Joints				
	Pipe	2	340 LF	\$ 6.64	\$ 2,256.24 SOLD IN 20' LENGTHS
	Pipe	1.5	20 LF	\$ 4.80	\$ 96.00 SOLD IN 20' LENGTHS
	Pipe	0.5	360 LF	\$ 1.42	\$ 511.68 SOLD IN 20' LENGTHS
	SCH 80 ASTM D1784 Socket Welded Fittings				
	90 Elbow	2	4 EA	\$ 10.61	\$ 42.45
	90 Elbow	1.5	4 EA	\$ 8.80	\$ 35.20
	90 Elbow	0.5	4 EA	\$ 1.80	\$ 7.20
	45 Elbow	2	2 EA	\$ 11.43	\$ 22.85
	45 Elbow	1.5	2 EA	\$ 10.20	\$ 20.40
	Coupling	2	12 EA	\$ 7.84	\$ 94.08
	Coupling	1.5	12 EA	\$ 6.75	\$ 80.96
	Tee	1.5	2 EA	\$ 12.71	\$ 25.41
	Tee	0.5	5 EA	\$ 4.21	\$ 21.07
	Reducer - Concentric	2 x 1.5	1 EA	\$ 31.93	\$ 31.93
	Reducer - Concentric	1.5 x .5	2 EA	\$ 24.15	\$ 48.29
	Slip ON Flange	1.5	1 EA	\$ 12.08	\$ 12.08
	Slip ON Flange	0.5	4 EA	\$ 18.29	\$ 73.17
	Pipe Sleeve	2	1 EA	\$ 7.84	\$ 7.84
HOLD PRICE THROUGH 90 DAY AWARD PERIOD					
PER PLANS AND SPECS					
FOB JOBSITE - add money in special conditions if necessary					
Addenda Acknowledged?					
SubTotal					\$ 8,922.09
Tax @ 9.25%					INCL
Special Conditions					
Spreadsheet Total					\$ 8,922.09

3.5% seal, INCL

14,225

14,225

+ Leak Detection System
+ 2% bond
30,000
44,225

Quotation Analysis Cover Sheet

Quote Taker: Steven Perella Quote Group: 4.5223
 Project Name: Tres Rios GMP 3 Vendor Contact: Justin Frederick
 Vendor Name: Lisega Inc. Vendor Phone: 865-394-1320
 Union: Yes / No / N/A (circle)
 Specified Supplier? Yes / Or Equal / N/A (circle)
 DIR No. & Exp Date (for CA Subcontractors):
<https://www.dir.ca.gov/public-works/contractors.html>
 License No. & Exp Date:
 CA Contractors License Search: www.cslb.ca.gov/online-services
 HI Contractors License Search: mypl.dcca.hawaii.gov/public-license-search

Analysis: Piping Pipe Supports
2.7% Escalation - See Spreadsheet
+ \$4,000 SQS

Contract Amount without Escalation: \$168,325

Subtotal: 468,177 172,177 Listing Amount: _____
 Tax: _____ % xBE Amount: _____
 Bond: _____ % Type of xBE: _____
 Special Conditions: 172,177 xBE Certs Attached? (circle): Yes / No / N/A
 Quoted Total: 468,177 668,819 Certifying Agencies (circle): Caltrans / Metro / SBA
 Comparable Total: 668,819 668,819 LABAVN / Other: _____
 (If different from Quoted Total)

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)
<u>See Spreadsheet</u>					

Does unit price include FOB Jobsite (circle)? Yes / No / N/A
 Is quotation valid for 90 days (circle)? Yes / No
 Is escalation included in the unit prices (circle)? Yes / No / N/A
 All addendums acknowledged - 1 through _____ (circle)? Yes / No
 Project specific Safety Form attached (circle)? Yes / No / N/A
 Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / N/A
 Lead time for materials or equipment: 14-18 weeks incl. SUBMITTALS

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION PIPE SUPPORTS

Qty Check: 0

JOB Tres Rios PONDUS & Waste Heat Recovery

4

PIPE SUPPORTS

NAME:	Lisega Inc.
PHONE:	281-690-2009
CONTACT:	Cliff Jones Jacob Savoie
EMAIL:	cliff.jones@us.lisega.com jacob.savoie@us.lisega.com
CELL:	865-940-5200
Notes	

SOLICITATION STATUS

Date:

SPEC SECTION	DESCRIPTION	PIPE SIZE	QUANTITY	UNIT	UNIT PRICE	TOTAL
40 05 15	PONDUS					
5/90-M-020	Base Elbow Support	Hot-Dip Galvanized	8	4 EA	\$ 380.50	\$ 1,522
5/90-M-020	Base Elbow Support	Hot-Dip Galvanized	3	10 EA	\$ 203.00	\$ 2,030
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	12	3 EA	\$ 351.22	\$ 1,054
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	10	10 EA	\$ 310.54	\$ 3,105
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	8	12 EA	\$ 269.36	\$ 3,232
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	6	42 EA	\$ 276.42	\$ 11,610
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	3	16 EA	\$ 300.73	\$ 4,812
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	2	6 EA	\$ 279.71	\$ 1,678
6/90-S-004	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 2 Pipe Slide Assembly, Or Equal	1-1/2	2 EA	\$ 284.89	\$ 570
12/90-M-023	Existing CMU Wall Support Pipe Attachment/Pipe Shoe	Galvanized Steel	6	10 EA	\$ 1,182.99	\$ 11,830
90-M-021 (Beam Mount)	Beam Mount Support	Galvanized Steel	3	2 EA	\$ 121.38	\$ 243
1/90-M-020	Adjustable Saddle Support	Sch. 40 pipe	1-1/2	5 EA	\$ 294.00	\$ 1,470
7/90-M-019	Wall Hydrant Mount (Hose Rack)		1-1/2	2 EA	\$ 1,163.00	\$ 2,326
	Link Seal		2	1 EA	\$ 200.00	\$ 200
40 05 15	Waste Heat Exchange					
1/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 1 / 4 or equal	6	78 EA	\$ 277.89	\$ 21,675
1/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 1 / 4 or equal	3	87 EA	\$ 299.31	\$ 26,040
2/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 3 / 5 / 6 or equal	6	29 EA	\$ 293.11	\$ 8,500
2/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 3 / 5 / 6 or equal	3	28 EA	\$ 315.09	\$ 8,823
3/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 3 / 6 or equal	6	6 EA	\$ 345.96	\$ 2,076
3/00-M-002	Slide Support Assembly	Anvil Figure 257 or Figure 436 Type 3 / 6 or equal	3	6 EA	\$ 367.56	\$ 2,205
40 05 15	Waste Heat Exchange	Figure 50 Two-Bolt Pipe Clamp Factory Welded to Pipe Shoe - A325N Bolts				
00-S-003	Saddle Supports Assembly		30	4 EA	\$ 1,364.06	\$ 5,456
00-S-004	Saddle Supports Assembly		36	4 EA	\$ 1,895.10	\$ 7,580
00-S-005	Saddle Supports Assembly		48	5 EA	\$ 2,922.54	\$ 14,613
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
	Material Escalation	2.70%			\$ -	\$ 3,852
					\$ -	\$ -
	Pipe Support Design? Seismic Calculations?				\$ 12,675.00	\$ 12,675.00
	Coated or Primed?					
	Pickle and Passivated?					
	Packing/ Crating				\$ 1,300.00	\$ 1,300.00
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD					
	PER PLANS AND SPECS					
	FOB JOBSITE - add money in special conditions if necessary				\$ -	\$ 7,700.00
	Addenda Acknowledged?					
	SubTotal				\$ -	\$ 168,177
	Tax @				\$ -	\$ -
	Special Conditions					
	Spreadsheet Total				\$ -	\$ 168,177

Qty check (should be zero):

8/15/2025

Kiewit
3888 E Broadway Rd
Phoenix, AZ 85040



LISEGA

LISEGA Inc
370 East Dumlplin Valley Road
Kodak, TN 37764
Tel: (865) 940-5200

Attention: Jack Hanley
Phone: 402-889-2555
E-Mail: Jack.Hanley@kiewit.com

QUOTATION

38652-Rev1

Project # 25B-31407

Subject: RFQ – Tres Rios WRF GMP3
Pipe Supports – PONDUS/WHR
LISEGA Quotation No. 38652-Rev1

LISEGA is pleased to provide this quotation for the supply of pipe supports for the subject project. All attachments included with this quotation are to be considered a part of this quotation.

I. SCOPE OF SUPPLY

This quotation was formulated from Information received via E-mail dated 7/28/25 and through clarifications 7/29/25 and revised scope on 8/12/25. The scope of supply is based upon Kiewit provide take-off table data sheet and referenced contract details in contract documents. Design details per referenced PS drawings and typ. or equal contract details. Excludes additional supports if required beyond scope defined.

II. PRICING / TRANSPORTATION

LISEGA's lump sum price to provide items described above under SCOPE OF SUPPLY is **\$154,064.33**. Terms of sale are Ex Works; Kodak, TN. Quoted price excludes any applicable local or state taxes.

Freight costs are not included in LISEGA's quoted price. If preferred, material will be delivered FCA Jobsite and billed to buyer's account based upon third party billing, or, prepaid and added. Outside services are billed at cost plus 5%. Estimated shipping weight of the components in the scope of supply is 17,000 pounds and the estimated freight cost is \$ 7,700.

III. ATTACHMENTS

- 1) Unit price breakdown per hanger (1 page)

IV. SHIPMENT

8-10 weeks for PE design package and fabrication drawings submittal with fabricated supports to begin shipping 6-8 weeks after receipt of approved drawings. (Excludes any engineering design/calculations).

If this does not meet your schedule expectations, please contact us so we may discuss options to be able to do so.



NOTE: Quoted shipment dates are based upon resources available at the time of quotation and will remain valid for a period of seven (7) calendar days, only. Delivery duration is also contingent on resolution of any outstanding technical & commercial issues. Should a Purchase Order be issued after seven (7) calendar days, shipment dates will be contingent upon stock availability, manufacturing capacity and engineering resources available at the time of Purchase Order placement.

V. CLARIFICATIONS AND EXCEPTIONS:

A) TECHNICAL

- 1) This quotation is based upon furnishing LISEGA's standard products/material in accordance with B31.1, B31.3, MSS-SP58, along with LISEGA's standard coatings/finishes, manufacturing procedures and tolerances. Welding by LISEGA is qualified and performed in accordance with ASME Section IX. Welds receive a random 10% visual nondestructive examination (NDE) in accordance with the codes/standards listed above, including the specified acceptance criteria, and performed by personnel qualified in accordance with SNT-TC-1A.
- 2) In order to meet requested delivery dates, LISEGA's quotation is based upon supplying stock materials with the following coatings. *(Please note that Customer deviations to LISEGA's standard finishes may result in an increase to pricing and/or delivery.)*
 - A) Carbon steel material to be provided HDG per ASTM A123. Per spec 3.12-A-5, no painting or coating to be applied to galvanized or stainless steel materials
 - B) Stainless steel material to be 316SS and mill finish; pickle or passivation not included, available at additional charge.
- 3) Certified Material Test Reports are not included in this quotation. A Certificate(s) of Compliance per AIS guidelines may be included upon request at a rate of \$120.00 per shipment, in lieu of Certified Material Test Reports. CMTR's are kept on file for back-up reference only.
- 4) Any/all field measurements to be verified by contractor prior to fabrication.
- 5) All supports are assumed as max designed lengths/heights if provided/shown. Unless specified otherwise by take-off. Exact CL dimensions of piping and supports to be provided prior to start of engineering design/detailing work.
- 6) All supports are intended to be quoted as complete with all necessary components for assembly/attachment, unless noted otherwise.
- 7) *Revision added 30"/36"/42" Sliding supports and updated 6" and less supports to correct sliding base design. Original quote used "Omega" style clamps, available at reduced cost if approved in lieu of 2 bolt clamp style shoes.*
- 8) Hose rack quoted as SS due to unclear detail references. SS bolts shown and hose hook commercially available as SS. HDG is available to amend by request.
- 9) All anchor bolts are excluded as typical request by Kiewit.

RFQ – Tres Rios WRF GMP3
Pipe Supports – PONDUS/WHR
LISEGA Quotation No. 38652-R1



- 10) Includes Engineering review, dead load calculations at supports and AZ PE stamps. Design to include using pre-engineered style supports and based upon designs "or equal" already stamped by Engineer of record on contract drawings. ✓
- 11) **Excludes** Engineering reactions to existing structures, thermal analysis, temporary supports.

B) COMMERCIAL

1) Payment Terms:

LISEGA shall submit invoices upon shipment predicated upon a prorated hanger tag basis with payments due within thirty (30) days after shipment.

Quotation Validity:

LISEGA offers to hold pricing on fabricated steel and fabricated clamps based on a plus or minus 5% corridor around the steel price index as of August 14th, 2025. If the steel price index will go beyond this corridor/limit, our two companies will enter into a discussion to determine a fair pricing structure that is reflective of the changes in pricing within the steel market. Committed delivery schedule is firm for a period of seven (7) days only.

No commercial terms and conditions were provided with the RFQ. Attached is a copy of LISEGA's Terms and Conditions that are currently in effect. Should LISEGA be awarded the contract for this project, we would be pleased to review and comment on your project specific terms and conditions.

Throughout the Quote Stage, the Estimator listed below will be the main point of contact. Please contact the Estimator at your convenience with any questions or clarifications pertaining to this quotation. Should the Estimator not be available, please contact the Regional Sales Manager listed below:

Astolf Witte
Phone: (865) 940-5206
E-mail: Astolf.Witte@us.lisega.com

Thank you for considering LISEGA.

Best regards,
LISEGA, Inc.

Justin Frederick

Justin Frederick
Estimator
(865) 394-1320
e-mail: Justin.Frederick@us.lisega.com

Cathy Loveday
Estimating Supervisor
(865) 940-5322
e-mail: cathy.loveday@us.lisega.com

cc: A. Witte, Konna Power, File

Hanger Mark	Quantity	Price/Each	Total
ADDED 30/36/42 SADDLE SUPPS			
8" HDG BASE ELL STANCHION	4	\$ 380.50	\$ 1,522.00
3" HDG BASE ELL STANCHION	10	\$ 203.00	\$ 2,030.00
12" HDG TYPE 49 SLIDE ASSEMBLY	3	\$ 351.22	\$ 1,053.67
10" HDG TYPE 49 SLIDE ASSEMBLY	10	\$ 310.54	\$ 3,105.35
8" HDG TYPE 49 SLIDE ASSEMBLY	12	\$ 269.36	\$ 3,232.36
6" HDG TYPE 49 SLIDE ASSEMBLY	42	\$ 276.42	\$ 11,609.50
3" HDG TYPE 49 SLIDE ASSEMBLY	16	\$ 300.73	\$ 4,811.68
2" HDG TYPE 49 SLIDE ASSEMBLY	6	\$ 279.71	\$ 1,678.27
1.5" HDG TYPE 49 SLIDE ASSEMBLY	2	\$ 284.89	\$ 569.78
6" HDG SUPP 12/90-M-023	10	\$ 1,182.99	\$ 11,829.85
3" HDG SUPP 90-M-021	2	\$ 121.38	\$ 242.76
1.5" HDG ADJ SDL 1/90-M-020	5	\$ 294.00	\$ 1,470.00
1.5" SS HOSE RACK	1	\$ 1,163.00	\$ 1,163.00
6" HDG TYPE 49 SLIDE ASSEMBLY1	78	\$ 277.89	\$ 21,675.50
3" HDG TYPE 49 SLIDE ASSEMBLY1	83	\$ 299.31	\$ 24,842.47
6" HDG TYPE 49 SLIDE ASSEMBLY2	29	\$ 293.11	\$ 8,500.30
3" HDG TYPE 49 SLIDE ASSEMBLY2	28	\$ 315.09	\$ 8,822.39
6" HDG TYPE 49 SLIDE ASSEMBLY3	6	\$ 345.96	\$ 2,075.75
3" HDG TYPE 49 SLIDE ASSEMBLY3	6	\$ 367.56	\$ 2,205.38
PACKING/CRATING	1	\$ 1,300.00	\$ 1,300.00
AZ PE DESIGN/CALC/STAMPS (Budgetary)	1	\$ 12,675.00	\$ 12,675.00
30" HDG SADDLE SUPP	4	\$ 1,364.06	\$ 5,456.22
36" HDG SADDLE SUPP	4	\$ 1,895.10	\$ 7,580.40
42" HDG SADDLE SUPP	5	\$ 2,922.54	\$ 14,612.70
Grand Total			\$ 154,064.33

Itemized pricing is based upon the supply of total quantities quoted and shall not to be construed as separate offerings. LISEGA's pricing is based upon the overall cost to provide the entire scope of supply quoted. Costs are directly affected dependent upon the overall project's size, complexity, product mix, labor requirements, etc. The pricing breakdown reflects each individually priced item's direct ratio of costs incurred on the total project. Any additions, deletions or modifications to existing scope of supply will likely alter the individual pricing of all quoted items.

Quotation Analysis Cover Sheet

Quote Taker: STEVEN PERALTA

Quote Group: 4.500 STEEL PIPE

Project Name: TRKS PLOS GMP 3

Vendor Contact: ERIC JOHNSON

Vendor Name: PPS

Vendor Phone: 608-510-2638

Union: Yes / No (N/A) (circle)

DIR No. & Exp Date (for CA Subcontractors): _____

<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal (N/A) (circle)

License No. & Exp Date: _____

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: mypl.dcca.hawaii.gov/public-license-search

Analysis:

Base \$1,251,999

ADDED 3% FOR ONLY HOLDING 15 DAYS = \$ 37,560

3.5% ESCALATION PER THIS REPORT = \$ 43,820

Contract Amount without
Escalation: \$1,251,999

Subtotal: \$1,233,379

Tax: 8.7 % \$ 116,004

Bond: _____ % _____

Special Conditions: _____

Quoted Total: \$ 1,449,383

Comparable Total: _____

(if different from Quoted Total) _____

Listing Amount: _____

xBE Amount: _____

Type of xBE: _____

xBE Certs Attached? (circle): Yes / No / (N/A)

Certifying Agencies (circle): Caltrans / Metro / SBA
LABAVN / Other: _____

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / No / N/A

Is quotation valid for 90 days (circle)? Yes / No

Is escalation included in the unit prices (circle)? Yes / No / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

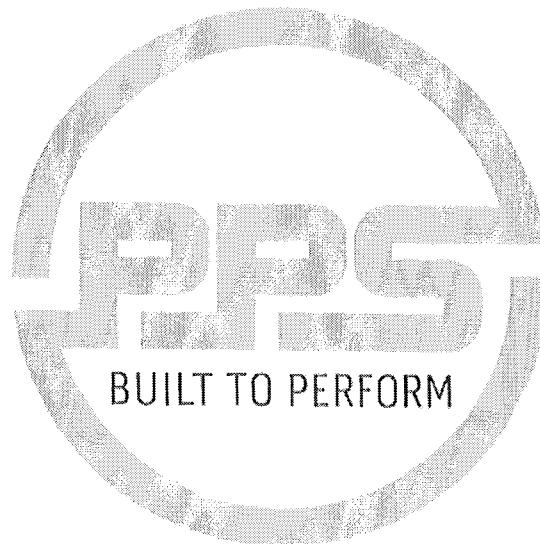
Project specific Safety Form attached (circle)? Yes / No / (N/A)

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / (N/A)

Lead time for materials or equipment: 17 weeks

Contact: Trent Miller
Company: Kiewit

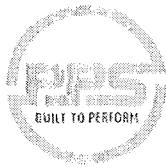
**TRES RIOS WRF GMP3 - PONDUS & WASTE HEAT
QUOTE: 25-1080**



Eric Johnson
Estimator

Professional Piping Systems LLC
319 E. Pioneer Street
Phoenix, AZ 85040
C: 602-510-2638
www.ppsphx.com

PROFESSIONAL PIPING SYSTEMS
738 S 52ND STREET
Tempe, AZ 85281



Professional Piping Systems, LLC
738 S 52nd Street
Tempe, AZ 85281
www.ppsphx.com
8/8/2025

Attachment 1
Scope of work

Drawings Provided for Estimating

- DWG: Welded Steel Visuals
- DWG: Welded Carbon Steel Visuals
- DWG: 90_ Design - Dewatering and Energy Efficiency Improvements - Drawings

Material Grades

- CS Pipe A53 B Sch 40/Std
- MTRs will be available for all materials used

Procedures

- Welding and inspection shall be carried out in accordance with the following standards
 - ASME Section IX
- Inspection criteria
 - 100% Visual Inspection

Clarifications and Assumptions

PPS has specifically INCLUDED IN this proposal the following:

- Includes CS pipe and fitting materials
- Labor to fabricate all pipe shown on the Welded Carbon Steel Visuals Drawings.
- Visual weld inspection
- Includes all pipe highlighted on the attached "Welded Carbon Steel Visuals" Drawings.

MATERIALS SUPPLIED	
QTY	DESCRIPTION
1 LOT	CS Pipes and Fabrication
138	SHT/00-M-002 DTL.1 EQ. 6" SUPPORT QUOTE @ 6" BOTTOM OF PIPE HDG (EXTRUCTION EXCLUDED)
54	SHT/00-M-002 DTL.2 EQ. 6" SUPPORT QUOTE @ 6" BOTTOM OF PIPE HDG (EXTRUCTION EXCLUDED)
12	SHT/00-M-002 DTL.3 EQ. 6" SUPPORT QUOTE @ 6" BOTTOM OF PIPE HDG (EXTRUCTION EXCLUDED)
24	SHT/00-M-002 DTL.1 EQ. 3" SUPPORT QUOTE @ 6" BOTTOM OF PIPE HDG (EXTRUCTION EXCLUDED)
13	SHT/00-M-005 DTL.1 TYPE A EQ. 3" ELBOW SUPPORT QUOTE @ 24" TALL HDG
2	QUOTE 3" WALL BRACKET PER DETAIL PROVIDED @ 24" REAH HDG (EXTRUCTION EXCLUDED)



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Attachment 2
Proposed Schedule and Pricing

Leadtime

- Fabrication drawing submittal: 12-16 weeks (Partial drawings can start in 4 weeks)
- Shop fabrication after drawing approval: 3 weeks to start delivery of spools.

Shipping

- Freight to jobsite allowed

Total Proposal

\$1,251,999.00 - Pipe material and fabrication
\$112,716.00 - Pipe supports

Terms

- Balance Net-30

Attachment 3
Exclusions

PPS has specifically **EXCLUDED** from this proposal the following:

- Excludes all overtime.
- Excludes all pipe installation.
- Excludes all NDT i.e. (X-RAY, PHASED ARRAY, MAG PARTIAL, DYE PEN)
- Excludes all nuts, bolts and gaskets.
- Excludes all Controls, Valves, Equipment and system Appurtenances.
- Excludes any pipe lining or coating.
- Excludes pipe insulation.
- Taxes, bonds, and permits.
- Excludes any pipe and fittings not highlighted on the attached drawings.
- Any material(s) and services not specifically included within the scope above.

In the event that tariffs, duties, or other government-imposed fees are enacted, modified, or increased after the date of this proposal and such tariffs directly impact the cost of raw materials required for the performance of the work, the quoted price shall be subject to adjustment. The adjustment shall reflect the actual increase in material costs incurred by PPS due to the tariff changes. PPS shall provide reasonable documentation to substantiate the additional costs. The customer and PPS agree to negotiate in good faith to equitably adjust the contract price to account for such increased costs.



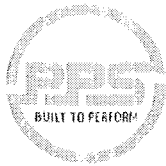
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Attachment 4

Terms & Conditions

The following terms and conditions (these "Terms & Conditions") apply to the sale of goods, materials or products (collectively, "Products") or provision of services (collectively, "Services") by Professional Piping Systems, LLC, an Arizona limited liability company ("PPS"), to the customer identified on the Purchase Order to which these Terms & Conditions are attached (the "Customer") and all purchase orders and the provision of all Products or Services by PPS are subject to the Terms & Conditions.

1. Prices. Except as provided herein, prices offered by PPS for Services or Products in any written quote or estimate ("Quote") will remain in effect for a period of fifteen (15) days after the date of the Quote (the "Quote Date"). After said fifteen (15) day period, prices are subject to change. Prices for Products to be used in any Work (hereafter defined) which are obtained by PPS from a third party, are subject to change at any time to account for any fluctuations in the market price after the Quote Date.
2. Purchase Orders. All Services or Products to be provided by PPS to Customer shall be pursuant to a written purchase order executed by PPS and the Customer (a "Purchase Order"), referencing the scope of work described on the Quote, which will, at a minimum, include a description of the Services or Products to be provided by PPS (collectively, the "Work"), and the compensation to PPS therefor. PPS shall have no obligation to proceed with any Work until such time that it has received a fully executed Purchase Order and any initial deposit required there under.
3. Change Orders. The parties may only modify or add to the Work described in the Purchase Order by executing a written change order describing in reasonable detail the modified or additional Work to be completed and any adjustments to the schedule or the compensation to PPS therefore (a "Change Order"). PPS shall have no obligation whatsoever to commence or complete any additional or modified Work unless and until Customer and PPS have executed a Change Order.
4. Plans and Specifications; Scheduling. PPS shall complete or provide all Work in substantial conformity with written specifications, drawings and descriptions provided by Customer to PPS (collectively, "Customer Specifications"). PPS shall have no liability to Customer for any delays, damages or claims of any kind arising from defects, omissions, errors or deficiencies in the Customer Specifications and Customer shall defend, indemnify and hold PPS harmless for, from and against any and all liability, damages, claims, losses and expenses, including attorneys' fees and costs, arising therefrom or related thereto. PPS will furnish detailed joint design, pipeline layouts and manufacturing drawings for Customers' approval prior to commencing pipe manufacture at no extra cost. Drawings will be provided one (1) week after receipt of the approved layout.
5. Shipping. Shipping rate and delivery date will be arranged by mutual written agreement between PPS and Customer upon receipt of approved drawings. Any revised delivery schedule will be negotiated between PPS and Customer and will take into account PPS' current schedules of work on hand as well as current availability and prices of materials. Any delays on the project resulting in production or delivery delays longer than

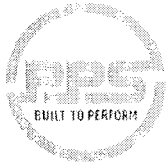


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thirty (30) days may result in an escalation charge in an amount determined by PPS in its sole discretion. Prices are based on delivers in full truckload lots. Deliveries requested for material in quantities less than truckload lots will be billed to Customer at the full truck load rate. Internal bracing, stulling, and shoring are placed in pipe at the time of manufacture for the purpose of limited pipe deflection during hauling and handling. PPS is not responsible for internal bracing required for the installation or grouting of the pipe. Any special requirements, i.e. vertical elongation etc., will be the sole responsibility of Customer. Shipping Cradles and stull are the property of PPS and are to be grouped and reloaded on trucks, at Customer's expense, for reuse by PPS, if requested. Any bunks or stulls not returned in reusable condition will be billed to the Customer's account at full replacement cost. Risk of loss or damage shall pass to Customer when Products are delivered to Customer or delivered to or picked up by the shipping company.

6. Payment Terms. Payment terms are net thirty (30) days from the date that PPS sends an invoice to Customer for the amounts due. Any amounts not paid within such thirty (30) day period shall accrue interest thereafter until paid in full at a rate which is the lesser of eighteen percent (18%) per annum or the highest rate allowed under applicable laws, computed on a 365/360 day year basis. In addition, in the event that the Customer fails to pay the full amount due within thirty (30) days after PPS has sent Customer an invoice, PPS shall be entitled to exercise any of its available remedies under applicable law, which include suspension of any further work by PPS and retention of any equipment or other personal property owned by the Customer and in PPS' possession, until all past due amounts owing to PPS have been paid in full. PPS will invoice Customer for 100% of raw material (no retention) upon its arrival at PPS' facility. PPS will invoice Customer monthly for progress payments (less retention) per a PPS supplied schedule of values. PPS will invoice for all final amounts including retention amounts, after completion of the Work.

6. Warranty. PPS warrants that Products and Services provided by PPS to Customers are free from defects in material and workmanship. PPS' obligation under this warranty is limited to correction of defects in Products or Services which were provided by PPS. Within ten (10) calendar days after discovery of any defective Services or Products provided by PPS, Customer shall provide PPS written notice of such defect. This warranty does not cover any repairs or replacement required due to a Customer or third parties' accident, abuse, misuse, failure to maintain, disassembly, repair, modification, negligence, fault, or natural or man-made disaster. PPS shall have no liability to Customer for any: (a) consequential, special, indirect, incidental, punitive, or liquidated damages; or, (b) damages to or from products or services not furnished by PPS; or, (c) repair, replacement or other expenses incurred by Customer in correcting defective Products or Services provided by PPS. PPS' warranty will remain in effect for a period of twelve (12) months from the date the Products or Services were provided or completed. Notwithstanding the foregoing, with respect to new equipment, PPS' warranty will remain in effect until the earlier of: (i) twelve (12) months from the time the new equipment is placed into service; or, (ii) eighteen (18) months from the date of delivery to the Customer. PPS' warranty for new equipment shall apply only if Customer properly stores, maintains and operates said equipment in accordance with the original equipment manufacturer's procedures and specifications. EXCEPT FOR PPS' EXPRESS WARRANTY CONTAINED HEREIN, PPS IS NOT MAKING AND HEREBY EXPRESSLY DISCLAIMS ANY OTHER



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IMPLIED OR EXPRESS WARRANTIES WITH RESPECT TO THE SERVICES AND PRODUCTS. WITHOUT LIMITING THE FOREGOING, PPS EXPRESSLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

7. Indemnification. PPS will indemnify and hold Customer harmless for, from and against any and all claims, damages, liability, losses, or expenses, including reasonable attorneys' fees and costs pursuant to Arizona statutes, arising from or relating to PPS' breach of the Purchase Order or the Terms & Conditions. Customer will indemnify and hold PPS harmless for, from, and against any and all claims, damages, liability, losses or expenses, including reasonable attorneys' fees and costs pursuant to Arizona statutes, arising from or relating to Customer's breach of the Purchase Order or the Terms & Conditions. Notwithstanding anything to the contrary, under no circumstances will either party be liable to the other party for consequential, special, indirect, incidental, punitive, or liquidated damages.

8. Shortages, Defects or Errors. Customer shall give prompt written notice to PPS of any shortages, defects or errors in any Products or Services, which notice shall be given to PPS no later than ten (10) business days of Customer's receipt of the Product or the provision of Services.

9. Title. Title to Products provided by PPS shall not pass to Customer until PPS has received full payment of all amounts due for all Services performed and Products provided by PPS.

10. Cancellation. Customer may cancel a Purchase Order by providing written notice to PPS, provided, however, Customer will be obligated for all unpaid Work completed up to and including the date that PPS receives written notice of cancellation, plus PPS' reasonable profit for uncompleted Work under the Purchase Order.

11. Force Majeure. Neither PPS nor the Customer shall be liable for any damages, claims or liability of any kind arising from delay in performance caused by a "Force Majeure Event". As used herein, "Force Majeure Event" shall mean acts of God; acts of terrorism; explosion; fire; extreme weather conditions; flood; drought; epidemic; pandemic; earthquake; riot; insurrection; blockade; war or other hostilities; strike, lockout or other industrial disturbance; act or restraint of governmental authority whether valid or invalid; the refusal or failure of any governmental authority to promptly issue or grant any necessary governmental authorizations, permits, licenses, certificates or approvals or the action or inaction of any governmental authority which causes the lapse or expiration of any of the foregoing; shortages of materials or Products to be incorporated in the Work, and any other cause or event which is reasonably beyond the control of the party and which the party is not able to overcome by the exercise of reasonable diligence, provided, however, that neither party shall be required to settle any strike, work stoppage or other labor dispute on terms which, in its opinion, are unsatisfactory. If any delay in PPS' performance is attributable to a Force Majeure Event, the time for performance shall be extended for a period equal to the time of the delay caused by the Force Majeure Event. Notwithstanding the foregoing, the occurrence of a Force Majeure Event shall not excuse or delay any payment obligation under the Purchase Order or the Terms & Conditions.



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12. Access and Cooperation. Customer shall provide PPS access to the Work site at all times during PPS' normal hours of business to enable PPS to complete the Work and shall otherwise cooperate with PPS so that the Work may be completed on a timely and efficient basis. Such cooperation shall include providing information to PPS necessary to obtain permits or other required governmental approvals for the Work and coordination with Customer's other contractors or employees to enable PPS to complete the Work without interference or interruption.
13. Jurisdiction, Venue and Waiver of Jury Trial. These Terms & Conditions and all Purchase Orders between PPS and Customer shall be interpreted and enforced according to Arizona substantive laws, without regard to Arizona's choice of law provisions. Any disputes between the parties arising from these Terms & Conditions or the Purchase Order shall be brought and maintained in a court of competent jurisdiction in Maricopa County, Arizona. PPS and Customer hereby irrevocably waive any and all rights they have to demand that any action, proceeding or counterclaim arising out of or in any way related to these Terms & Conditions or any Purchase Order be tried by jury.
14. Attorney Fees. In the event that either party hereto institutes an action or other proceeding to enforce any rights arising under these Terms & Conditions or any Purchase Order, the party prevailing in such action or other proceeding shall be paid all reasonable costs and reasonable attorneys' fees by the other party pursuant to Arizona statutes.
15. Entire Agreement. Incorporation and Modification. These Terms & Conditions and the applicable Purchase Order contain the entire agreement between the parties. These Terms & Conditions and the Purchase Order have been negotiated among the parties and, if there is any ambiguity, no presumption construing these Terms & Conditions or the Purchase Order shall be imposed because the same were prepared by such party or its attorney. These Terms & Conditions are hereby incorporated in and as a part of all Purchase Orders. To the extent that there is any conflict in the terms of these Terms & Conditions and the terms of a Purchase Order, these Terms & Conditions shall control, unless the Purchase Order, by its express terms, supersedes these Terms & Conditions by specific reference to the provision of these Terms & Conditions so modified. No modification of these Terms & Conditions or any Purchase Order shall be of any force or effect unless such modification is in writing and executed by both of the parties. These Terms & Conditions shall control over all additional or conflicting terms and conditions that may appear on Customer written documents, including purchase orders, delivery tickets, service order tickets, invoices or any other document and PPS' signature on any Customer written document shall not constitute PPS' consent to any terms and conditions set forth in such document. Notwithstanding the foregoing, the terms of the Purchase Order shall control over any conflicting Customer Specifications.
16. Notices. All notices or other communications required or provided to be given by either party shall be in writing and shall be hand delivered, transmitted by email or by United States first class mail, postage prepaid. Notices shall be deemed given upon hand delivery, or if sent via email, upon transmission provided the same is also sent on the date of transmission by first class mail, postage prepaid, or if mailed, three (3) calendar days after such notice is deposited in the mail, in each case, addressed to the parties to the addresses set forth in the Purchase Order. Any party may change the address to which notice shall be delivered or mailed or emailed by written notice duly given.



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17. Severability and Waiver. The invalidity or unenforceability of any provision hereof shall in no way affect the validity or enforceability of any other provision hereof. Any waivers must be in writing and signed by the party sought to be charged. The waiver by any party of a right provided thereunder shall not be deemed to be a continuing waiver of that right or a waiver of any other right.

18. Miscellaneous. In these Term & Conditions: (i) the singular includes the plural and vice versa and reference to any gender includes each other gender; (ii) reference to any person includes such person's successors and assigns but only if such successors and assigns are not prohibited by these Term & Conditions; (iii) "hereunder," "hereof," "hereto," and words of similar import shall be deemed references to these Terms and Conditions as a whole; (iv) reference to any agreement, document or instrument means such agreement, document or instrument as amended or modified and in effect from time to time in accordance with the terms thereof; (v) references to documents, instruments or agreements shall be deemed to refer as well to all addenda, exhibits, schedules, restatement, supplements or amendments thereto; (vi) references to "day" or "days" mean calendar days; (vii) "including" (and with correlative meaning "include") means including without limiting the generality of any description preceding the word "including"; (viii) where specific language is used to clarify by example a general statement contained herein, such specific language shall not be deemed to modify, limit or restrict in any manner; (ix) "or" is used in the inclusive sense of "and/or"; (x) with respect to the determination of any period of time, "from" means "from and including" and "to" means "to but excluding"; (xi) references to amounts of money expressed in Dollars are references to United States Dollars; and (xii) any action required hereunder to be taken within a certain number of days shall, except as may otherwise be expressly provided herein, be taken within that number of days excluding the day on which the counting is initiated and including the final day of the period.

Quotation Analysis Cover Sheet

Quote Taker: STEVEN PERALTA

Quote Group: 4.5004 VALVES

Project Name: TRES Rios GMP 3

Vendor Contact: _____

Vendor Name: COMBINED (FORTILINE & FERGUSON)

Vendor Phone: _____

Union: Yes / No / (N/A) (circle)

DIR No. & Exp Date (for CA Subcontractors):
<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal / N/A (circle)

License No. & Exp. Date: _____

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: myplv.dcca.hawaii.gov/public-license-search

Analysis:

SEE ATTACHED

1.8% ADDED FOR ESCALATION

ADD \$5K FOR FREIGHT

Fortiline MOV's not per spec : use Ferguson

Sludge bypass

Add 10" MOV \$35,000

6" MOV \$20,000

538,578

~~\$529,132~~

+

~~2,528~~

Escalation - 1.8%

\$9694

538,850

5389

Supply Bond

544,239

5000

Freight

Contract Amount without
Escalation: \$594,000

Subtotal: \$538,848 544,239

Tax: _____ % \$604,000

Bond: _____ % _____

Special Conditions: \$604,000

Quoted Total: \$538,848 544,239

Comparable Total:
(if different from Quoted Total)

Listing Amount: _____

xBE Amount: _____

Type of xBE: _____

xBE Certs Attached? (circle): Yes / No / (N/A)

Certifying Agencies (circle): Caltrans / Metro / SBA
LABAVN / Other: _____

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / No / N/A

Is quotation valid for 90 days (circle)? Yes / No

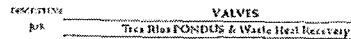
Is escalation included in the unit prices (circle)? Yes / No / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

Project specific Safety Form attached (circle)? Yes / No / (N/A)

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / (N/A)

Lead time for materials or equipment: _____ weeks



VALVES		MANUFACTURER		SOLICITATION STATUS	
ITEM NUMBER	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
402702	FORNUS				
V500	Butterfly Valve V500, ANSI Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shaft, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, ANSI Class 150B Manufacturers: Pratt Model 25H or Tilton XR-70, Desank, ANIWA Valve		4	12	EA \$ 735.69 \$ 8,830.67
V500	Butterfly Valve V500, ANSI Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shaft, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, ANSI Class 150B Manufacturers: Pratt Model 25H or Tilton XR-70, Desank, ANIWA Valve		3	8	EA \$ 703.00 \$ 5,614.00
V106	Gate Valve Iron body, bronze mounted, flanged ends, solid wedge gate, mounting bronze stem, Class 125 rated 125 psi SWP, 200 psi CWP for 2 inches through 12 inches and 100 psi SWP, 150 psi CWP for 14 inches through 24 inches. Manufacturers: Crane Figure 451, or Stockham Figure C512		3	1	EA \$ 789.79 \$ 789.79
V604	Swing Check Valve ANSI Class 125, 125-pound flanged ends, cast-iron body, bronze body seat, bronze mounted cast-iron clipper with bronze seat, stainless steel hinge shaft. Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series		10	2	EA \$ 1,128.38 \$ 8,166.56
V608	Swing Check Valve ANSI Class 125, 125-pound flanged ends, cast-iron body, bronze body seat, bronze mounted cast-iron clipper with bronze seat, stainless steel hinge shaft. Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series		8	7	EA \$ 3,195.42 \$ 23,779.36
V603	Swing Check Valve ANSI Class 125, 125-pound flanged ends, cast-iron body, bronze body seat, bronze mounted cast-iron clipper with bronze seat, stainless steel hinge shaft. Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series		6	5	EA \$ 2,003.41 \$ 10,472.22
V604	Swing Check Valve ANSI Class 125, 125-pound flanged ends, cast-iron body, bronze body seat, bronze mounted cast-iron clipper with bronze seat, stainless steel hinge shaft. Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series		3	4	EA \$ 1,363.48 \$ 5,533.91
V405	Plug Valve Nonlubricated type rated 175 psi CWP, tight shut-off with pressure from either direction, cast-iron body, exposed service flanged ends per ASME B16.1 manual operator with handwheel, 2 inch out, or chain wheel. Size operator for 1.5 times the maximum operating shut-off pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2 inch out. Manufacturers: Pratt Bollinger, DeZurik Style PEC, Mid-Con Bollinger Series 600, Victaulic Series 345		10	4	EA \$ 2,073.00 \$ 12,800.00

V403	Plug Valve	Nonlubricated type rated 175 psig CWP, drip-tight shutoff with pressure from either direction, cast-iron body, exposed service flanged ends per ASME B16.1 manual operator with handwheel, 2-inch aul, or chain wheel. Size operator for 1.5 times the maximum operating shutoff pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2-inch aul. Manufacturers: Pratt Ballcentric, DeZurik Style PEC, Milliken Millicentric Series 600, Victaulic Series 365	8	9	EA	\$ 1,594.44	\$ 12,355.00
V405	Plug Valve	Nonlubricated type rated 175 psig CWP, drip-tight shutoff with pressure from either direction, cast-iron body, exposed service flanged ends per ASME B16.1 manual operator with handwheel, 2-inch out, or chain wheel. Size operator for 1.5 times the maximum operating shutoff pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2-inch aul. Manufacturers: Pratt Ballcentric, DeZurik Style PEC, Milliken Millicentric Series 600, Victaulic Series 365	6	16	EA	\$ 1,173.06	\$ 18,768.99
V300	Ball Valve - Threaded	Two-piece, standard port, NPT threaded ends, bronze body and end piece, hard chrome-plated solid bronze or brass ball, RTFB seats and packing, blowout-proof item, adjustable packing gland, zinc-coated steel hand lever operator with vinyl grip, rated 600-pound WOG, 150-pound SWP, complies with MSS SP-310	1-1/2	6	EA	\$ 95.75	\$ 574.48
	3-Way valve	Flanged Cast Iron/Ductile Iron Actuated Control Valve w/ Mechanical Position Indicator Manufacturers: Danfoss E505	4	4	EA	\$ 3,812.00	\$ 15,368.00
	Air Relief Valve	No spec, assume threaded and on copper pipe	1-1/2	9	EA	\$ 559.00	\$ 5,031.00
	Automatic Air Vent	No spec, assume stainless steel threaded and on carbon steel pipe	1	6	EA	\$ -	\$ -
HV-1	Wall Hydrant	Nonfreeze exposed with chrome-plated face, integral vacuum breaker, bronze casing, T-handle key, and 3/4-inch inlet and hose connection. Manufacturers: J.R. Smith Figure 5609 Joam 71050 Series	1-1/2	2	BA	\$ -	\$ -
402702	Water Heat Recovery						
V300	Butterfly Valve - Manual	V300: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, AWWA C550 Manufacturers: Pratt Model 25H or Trilon XR-70, DeZurik AWWA Valve	6	1	EA	\$ 879.78	\$ 879.78
V300	Butterfly Valve - Motor Operated	V300: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, AWWA C550 Manufacturers: Pratt Model 25H or Trilon XR-70, DeZurik AWWA Valve	48	3	BA	\$ 34,690.11	\$ 1,64,070.33
V300	Butterfly Valve - Motor Operated	480 Volt Actuator Manufacturer: Rotork IQ or IQT Littlinovae Actuonik HX V300: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, AWWA C550 Manufacturers: Pratt Model 25H or Trilon XR-70, DeZurik AWWA Valve	36	3	EA	\$ 28,900.29	\$ 66,700.87
V300	Butterfly Valve - Motor Operated	480 Volt Actuator Manufacturer: Rotork IQ or IQT Littlinovae Actuonik HX V300: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating, AWWA C550 Manufacturers: Pratt Model 25H or Trilon XR-70, DeZurik AWWA Valve	30	3	EA	\$ 23,927.90	\$ 71,783.70

Quoting budget # - subject to charge - need detailed specification

quoting 2' 1.5' not avail

Pricing Pending - will follow

Pricing Pending - will follow

V500	Butterfly Valve - Motor Operated	V500: AIWVA C501, Class 150B Short body type, flanged ends Cast iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AIWVA C550 Manufacturers: Pratt Model 23H or Tricon XR-70, Dozork AIWVA Valve 480 Velt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX	3	6	EA	\$ 7,781.92	\$ 45,691.53	
V500	Butterfly Valve - Motor Operated	V500: AIWVA C501, Class 150B Short body type, flanged ends Cast iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AIWVA C550 Manufacturers: Pratt Model 23H or Tricon XR-70, Dozork AIWVA Valve 460 Velt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX	2	3	EA	\$ 7,781.92	\$ 23,345.77	not available 1" quoting 3"
V617	Swing Check Valve	Water style, swing check, one-piece body design, full resilient seal in machined body groove. Type 316 stainless steel body, ANSI Class 150 rating, Type 316 stainless steel disc, Type 316 stainless steel spring and other internals, Buna-M seal.	6	1	EA	\$ 2,003.44	\$ 2,003.44	
	Pressure Relief Valve	No spec, assume threaded and on copper pipe	3/4	3	EA	\$ 912.00	\$ 2,826.00	
	Automatic Air Vent	No spec, assume stainless steel threaded and on carbon steel pipe	3/4	4	EA	\$ -	\$ -	
	Triple Duty Valve	No spec, assume flanged on carbon steel pipe	6	1	EA	\$ 1,333.95	\$ 1,333.95	
23 21 14	Tank Purge Valve	Brass Body, 1-1/2" Female NPT connection, 1-1/2" Male NPT connection to tank Manufacturers: Kyles/Bell & Gossett or equal			EA	\$ 224.00	\$ -	
	Magnetic Flow Meter	No spec, assume flanged on carbon steel pipe	6	1	EA	\$ 4,693.32	\$ 4,693.32	
	Magnetic Flow Meter	No spec, assume flanged on carbon steel pipe	3	2	EA	\$ 4,598.51	\$ 9,197.02	
distance & inspection, 2 person days for functions/performance testing and completion of manufacturer's certificate of proper installation								
HOLD PRICE THROUGH 90 DAY AWARD PERIOD PER PLANS AND SPECS FOR JOBSITE - add money in special conditions if necessary Addenda Acknowledged:								
	SubTotal						\$ 513,268.24	
	Tax @	9.15%					INCL	
	Spreadsheet Total						\$ 543,268.24	

Pricing Pending - will follow
QUOTED C1 BODY 125# FLG
Spec No 23 21 14 not located -
quoting budget # - subject to
change. Need detailed spec
to verify

DESCRIPTION VALVES

103 Tres Rios PONDUS & Waste Heat Recovery

5

VALVES

NAME
PHONE
CONTACT
EMAIL
CELL
"Manufacturer"
Notes
SOLICITATION STATUS

Sergio Salcido
480-562-0451
Fortiline WaterWorks
Sergio.Salcido@fortiline.com

QUANTITY	DESCRIPTION	UNIT	QTY	UNIT	PRICE	TOTAL
40 27 02	PONDUS					
V500	Butterfly Valve		4	12 EA	\$ 735.89	\$ 8,830.67
V500	Butterfly Valve		3	8 EA	\$ 703.00	\$ 5,624.00
V108	Gate Valve		3	1 EA	\$ 702.03	\$ 702.03
V608	Swing Check Valve		10	2 EA	\$ 4,128.28	\$ 8,256.56
V608	Swing Check Valve		8	7 EA	\$ 3,395.42	\$ 23,767.56
V608	Swing Check Valve		6	5 EA	\$ 2,033.44	\$ 10,117.22
V608	Swing Check Valve		3	4 EA	\$ 1,393.48	\$ 5,533.91
V405	Plug Valve		10	4 EA	\$ 3,008.15	\$ 12,032.61

V500: AWWA C504, Class 150B
Short body type, flanged ends
Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550
Manufacturers: Pratt Model 25H or Triton XR-70, DeZurik AWWA Valve
V300: AWWA C504, Class 150B
Short body type, flanged ends
Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550
Manufacturers: Pratt Model 25H or Triton XR-70, DeZurik AWWA Valve
Iron body, bronze mounted, flanged ends, solid wedge gate, nonrising bronze stem, Class 125 rated 125 psi SWP, 200 psi
CWP for 2 inches through 12 inches and 100 psi SWP, 150 psi
CWP for 14 inches through 24 inches.
Manufacturers: Crane Figure 461, or Stockham Figure C612
AWWA C508, 125-pound flanged ends, cast-iron body, bronze
body seat, bronze mounted cast-iron clapper with bronze seat, stainless steel hinge shaft.
Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series
AWWA C508, 125-pound flanged ends, cast-iron body, bronze
body seat, bronze mounted cast-iron clapper with bronze seat, stainless steel hinge shaft.
Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series
AWWA C508, 125-pound flanged ends, cast-iron body, bronze
body seat, bronze mounted cast-iron clapper with bronze seat, stainless steel hinge shaft.
Manufacturers: M&H Valve Style 59, 159, 259 or Mueller Co No. A-2600 Series
Nonlubricated type rated 175 psig CWP, drip-tight shutoff with pressure from either direction, cast-iron body, exposed service
flanged ends per ASME B16.1
manual operator with handwheel, 2-inch nut, or chain wheel. Size operator for 1.5 times the maximum operating shutoff pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2-inch nut.
Manufacturers: Pratt Ballcentric, DeZurik Style PEC, Milliken Millcentric Series 600, Victaulic Series 365

V403	Plug Valve	Nonlubricated type rated 175 psig CWP, drip-tight shutoff with pressure from either direction, cast-iron body, exposed service Flanged ends per ASME B16.1 manual operator with handwheel, 2-inch nut, or chain wheel. Size operator for 1.5 times the maximum operating shutoff pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2-inch nut. Manufacturers: Pratt Ballcentric, DeZurik Style PEC, Milliken Millicentric Series 600, Victaulic Series 365	8	9 EA	\$ 1,594.44	\$ 14,350.00
V405	Plug Valve	Nonlubricated type rated 175 psig CWP, drip-tight shutoff with pressure from either direction, cast-iron body, exposed service Flanged ends per ASME B16.1 manual operator with handwheel, 2-inch nut, or chain wheel. Size operator for 1.5 times the maximum operating shutoff pressure differential for direct and reverse pressure, whichever is higher. For buried service, provide completely sealed operator filled with heavy lubricant and 2-inch nut. Manufacturers: Pratt Ballcentric, DeZurik Style PEC, Milliken Millicentric Series 600, Victaulic Series 365	6	16 EA	\$ 1,173.06	\$ 18,768.96
V300	Ball Valve - Threaded	Two-piece, standard port, NPT threaded ends, bronze body and end piece, hard chrome-plated solid bronze or brass ball, RTFE seats and packing, blowout-proof stem, adjustable packing gland, zinc-coated steel hand lever operator with vinyl grip, rated 600-pound WCC, 150-pound SWP, complies with MSS SP-110. Flanged	1-1/2	6 EA	\$ 219.56	\$ 1,317.36
	3-Way valve	Cast Iron/Ductile Iron Actuated Control Valve w/ Mechanical Position Indicator Manufacturers: Danfoss ESRB	4	4 EA	\$ -	\$ -
	Air Relief Valve	No spec, assume threaded and on copper pipe - Quo	1-1/2	9 EA	\$ -	\$ -
	Automatic Air Vent	No spec, assume threaded and on copper pipe - Quo	1	6 EA	\$ 475.00	\$ 2,850.00
HV-1	Wall Hydrant	Nonfreeze exposed with chrome-plated face, integral vacuum breaker, bronze casing, T-handle key, and 3/4-inch inlet and hose connection. Manufacturers: J.R. Smith Figure 5609 Josam 71050 Series	1-1/2	2 EA	\$ 294.66	\$ 589.32
40 27 02	Waste Heat Recovery					
V500	Butterfly Valve - Manual	V500: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 2511 or Triton XR-70, DeZurik AWWA Valve V500: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 2511 or Triton XR-70, DeZurik AWWA Valve	6	1 EA	\$ 879.78	\$ 879.78
V500	Butterfly Valve - Motor Operated	V500: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 2511 or Triton XR-70, DeZurik AWWA Valve	48	3 EA	\$ 52,925.91	\$ 1,587,777.28
V500	Butterfly Valve - Motor Operated	480 Volt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX V500: AWWA C504, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 2511 or Triton XR-70, DeZurik AWWA Valve 480 Volt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX	36	3 EA	\$ 27,968.02	\$ 83,904.06

V500	Butterfly Valve - Motor Operated	V500: AWWA C501, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 25H or Triton XR-70, Dezurik AWWA Valve	30	3 EA	\$ 23,156.03	\$ 69,468.10
V500	Butterfly Valve - Motor Operated	480 Volt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX V500: AWWA C501, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 25H or Triton XR-70, Dezurik AWWA Valve	3	6 EA	\$ 7,781.92	\$ 46,691.53
V500	Butterfly Valve - Motor Operated	480 Volt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX V500: AWWA C501, Class 150B Short body type, flanged ends Cast-iron body, ductile iron disc, Type 304 stainless steel shafts, Buna-N rubber seat bonded or molded in body only, stainless steel seating surface, epoxy lining and coating AWWA C550 Manufacturers: Pratt Model 25H or Triton XR-70, Dezurik AWWA Valve	2	3 EA	\$ 7,781.92	\$ 23,345.77
V617	Swing Check Valve	480 Volt Actuator Manufacturer: Rotork IQ or IQT Limitorque Accutronic MX Wafer style, swing check, one-piece body design, full resilient seal in machined body groove. Type 316 stainless steel body, ANSI Class 150 rating, Type 316 stainless steel disc, Type 316 stainless steel spring and other internals, Buna-N seat.	6	1 EA	\$ -	\$ -
	Pressure Relief Valve	No spec, assume threaded and on copper pipe	3/4	3 EA	\$ -	\$ -
	Automatic Air Vent	No spec, assume threaded and on copper pipe - Quo	3/4	4 EA	\$ 475.00	\$ 1,900.00
	Triple Duty Valve	No spec, assume flanged on carbon steel pipe	6	1 EA	\$ -	\$ -
23 21 14	Tank Purge Valve	Brass Body, 1-1/2" Female NPT connection, 1-1/2" Male NPT connection to tank Manufacturers: Xylem/Bell & Gossett or equal		1 EA	\$ -	\$ -
	Magnetic Flow Meter	No spec, assume flanged on carbon steel pipe	6	1 EA	\$ 14,298.07	\$ 14,298.07
	Magnetic Flow Meter	No spec, assume flanged on carbon steel pipe	3	2 EA	\$ 5,622.52	\$ 11,245.04
	Start up for BMO Valves - Does not include training			1 EA	\$ 9,751.11	\$ 9,751.11
	Warranty Start up For MAG Flow Meter			1 EA	\$ 1,866.67	\$ 1,866.67
**Butterfly Valves quoted with manufacturer's standard EPDM seat. If BUNA is required, lead time and pricing will need to be adjusted.						
**Pricing does not include seismic certificate of compliance, section 01 45 34 and available. Contact manufacturer for seismic calc valve certifi						
Manufacturer Services: 2 person days for install/assistance & inspection, 2 person days for functional/performance testing and completion of manufacturer's certificate of proper install						
HOLD PRICE THROUGH 90 DAY AWARD PERIOD PER PLANS AND SPECS FOR JOBSITE - add money in special conditions if necessary Addenda Acknowledged?						
SubTotal					\$	535,168.40
Tax @						9.25%
						INCL
Spreadsheet Total					\$	535,168.40

Not per spec

		Quote Description:		Plug	Detail		4.5300 Aggregate / Backfill Materials - GEMEX			
		Awarded Total:		0.00	0.00		21,311.80			
		Quoted Items Total:		18,662.40	0.00		21,138.86			
		Special Conditions:		0.00	0.00		175.00			
		Quoted Total:		18,662.40	0.00		21,311.80			
		Last Update:					8/18/2025 1:06:24 PM			
		Comparable Total:		18,662.40	21,311.80		21,311.80			
		Seller:				GEMEX				
		Buyer's Special Terms & Conditions:				Environmental Fee \$50.00 x 35.1 Ds = \$175				
		Seller's Special Terms & Conditions:								
Quote Group	Code	Description	Quantity UM	Unit	Total	Unit	Total	Unit	Total	
4.5300 Aggregate / Backfill Materials	4.53.006	Utilities - Pave Backfill - Aggregate - 3/4" No. 57 stone	435.80 Ton	24.00	10,459.20	29.74	12,992.29	29.74	12,992.29	
4.5300 Aggregate / Backfill Materials	4.53.014	Agg & Paving - Class 2 Agg Base Course	78.00 Ton	24.00	1,872.00	19.66	1,523.59	19.66	1,523.59	
4.5300 Aggregate / Backfill Materials	4.53.016	Agg & Paving - 3" Crushed Rock - French Stabilization	72.00 Ton	32.00	2,304.00	35.79	2,577.16	35.79	2,577.16	
4.5300 Aggregate / Backfill Materials	4.53.018	Agg & Paving - Decomposed Granite - Unpaved Surface	57.60 Ton	50.00	2,880.00	46.90	2,816.73	46.90	2,816.73	
4.5300 Aggregate / Backfill Materials	4.53.018 (1)	Agg & Paving - 3/4" Gravel - under Doodbars	46.60 Ton	24.00	1,123.20	29.74	1,392.01	29.74	1,392.01	
Scope Item	Quote Group									

Contract Amount without Escalation: \$20,621



QUO-1398927-B1V6F7 0

5555 E. Van Buren Street, Suite 155, Phoenix, AZ 85008

GENERAL INFORMATION

Date 8/15/2025 10:26 PM

Account: KIEWIT WESTERN COMPANY
Account number: 3034272
Contact: JACK HANLEY
E-mail: JACK.HANLEY@KIEWIT.COM
Phone: 6232081932

Account Manager: Joshua Hankins
E-mail: joshua.hankins@cemex.com
Phone Number: 480-528-6315

Customer Service: 602-416-2658

Project: Tres Rios WRF GMP3 - Agg
Project Address: 7101 North Casa Grande Highway Tucson Arizona 85743

Quote Expiration: 8/24/2025
Price Valid: From 7/25/2025 To 12/31/2025

MATERIAL PRICING

Material Number	Description	Plant	Quantity	UoM	Delivered Price	Truck Type	Notes
1307799	PAG Spec Base Course	4124 - Agg - Apex	85.00	TON	\$19.50		
1275642	ASTM #4 STONE	4124 - Agg - Apex	177.00	TON	\$35.50		2" Minus Rock
1331891	TUCSON WATER BEDDING SAND SS	4124 - Agg - Apex	1.00	TON	\$18.50		
1331893	WASTE WATER BEDDING MAT.	4124 - Agg - Apex	1.00	TON	\$18.50		
1295725	STORM DRAIN SAND	4124 - Agg - Apex	1.00	TON	\$20.50		
1183300	1 1/2"ASTM#57,DOT,GRAVEL	4124 - Agg - Apex	749.00	TON	\$29.50		
1605833	1/4" MINUS FLORENCE GOLD	8980 - Trad - Super Florence	38.00	TON	\$48.50		

CLAUSES

Category	Item	Value	UoM	Comments
Pricing Escalation	Aggregates prices are subject to an escalation of	\$1.00	USD/ton	Effective January 01, 2027 Effective July 01, 2027
Surcharges and Fees	Environmental compliance fee	\$5.00	USD/Load	
	Aggregates Delivery - Short Load Fee	\$100.00	USD/Load	Applies to all loads < 20 Tons
	Plant Opening and Off-Hours Fee	Quoted upon Request		Will apply to Saturday, Sunday, holiday and off-hour opening for delivery
Additional Products and Services	Submittals require a minimum of 48 hours from time of request by customer (may take longer depending on complexity of specifications). Customer provided complete, final approved specifications for materials required. If no specifications are provided, a submittal will be prepared at customer direction, however in the event the submittal is rejected, specifications will be required prior to any additional submittal being prepared.			

Pricing Conditions

All Sales are subject to CEMEX Standard terms and conditions which shall control and take precedence over any terms and conditions to the contrary in any purchase order or other document. Customer is responsible for Applicable Sales Tax. Such taxes will appear on invoice unless Sales Tax exemption certificate is on file at CEMEX prior to shipping. All Prices quoted for Normal Delivery hours only: Summer Hours are between 3:00 am to 1:00 pm / Winter Hours 5 am to 3 pm, Monday through Friday excluding Holidays. Off Hours or Over time Service can be quoted upon request.

Seller reserves the right to increase prices on any quotes or accepted orders without notice to reflect any raw material cost increases or surcharges incurred by the seller. Seller reserves the right to defer or cancel any quotes or accepted orders in the event seller becomes delayed or prevented from performing due to shortage or allocations of raw materials. Seller shall not be liable to buyer for any damages incurred by buyer as a result of any such delay or cancellation.

Payment terms

Payment Terms are standard as follows: Net 20th Prox. (20th of the month following delivery)
Invoices on approved credit will carry a 1% discount if paid by the 15th of the month following the delivery
Delayed portion of payment will attract a Finance charge of the lesser of 1.5% per month, 18% per annum or maximum permitted under applicable laws

Material Availability

Circumstances beyond Cemex's control, there may be a shortage of flyash in Southern Arizona. Prices may spike and Cemex's will be forced to pass along the increased cost to all projects. Due to unexpected or unavoidable shortages in the supply of raw materials, CEMEX shall not be held liable for consequential damages, delay damages, or other claims on account of an inability to fulfill concrete orders.

Delivery Availability

POINT OF DISCHARGE IS AT THE BACK END OF THE READY-MIX TRUCK. THIS IS TO INCLUDE ANY MEASUREMENT OF THE AIR CONTENT AND SLUMP.

Product Performance

All cost associated in keeping concrete within ASTM specifications of temperature control is the responsibility of the contractor once concrete leaves the batch plant. Should the Purchaser choose not to purchase temperature control measures, the Purchaser shall assume all liability for rejected concrete due to Non-compliant concrete temperature. IF THERE ARE ANY QUESTIONS OR TO FURTHER DISCUSS THE SCOPE OF THIS PROJECT, PLEASE CONTACT THE SALESPERSON LISTED ON THIS MATERIAL QUOTATION.

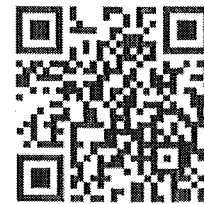
CEMEX Con Mat South, LLC
Quoted By:
Joshua Hankins

KIEWIT WESTERN COMPANY
Accepted By:
JACK HANLEY



Innovative Solutions to Build a Better Future

Cemex is evolving. We have updated our brand as part of our evolution towards becoming a more agile, innovative, and sustainable company. We are committed to helping our customers push the boundaries of sustainable construction through innovative solutions, with the clear goal of building a better future. Scan the QR code to watch our rebrand announcement video and learn more.



Vertua® is a family of sustainable products that enables building a better future. Vertua® promotes sustainable construction solutions through measurable environmental attributes. Learn more about Vertua®, including Vertua® concrete and Vertua® cement lower-carbon options:

buildwithvertua.com



Cemex Go is a first-of-its-kind fully digital customer integration platform allowing you to have more control over your business than ever before. Place, manage, and track your orders in real-time. Plus, you can view invoices and make payments all within the digital platform. Try Cemex Go today:

cemexusa.com/go



Portland Limestone Cement

Strong, sustainable, and durable, Portland Limestone Cement allows you to enjoy similar benefits to Ordinary Portland Cement (OPC) while lowering your carbon footprint. It can be used for the same applications as OPC, including concrete, precast, block, pavers projects, and many others.

Learn more:

cemexusa.com/PLC



**CALPORTLAND****Ready-Mix**

Telephone: Tucson (520) 744-4111 Rio Rico (520) 761-4998
 Fax: Tucson (520) 579-5606 Rio Rico (520) 761-9966

Price Expiration:**12/31/2025**

See "acceptance" clause below

Customer Name	KIEWIT INFRASTRUCTURE WEST CO	Attention	MINSANG LIM
Project Name	TRES RIOS WRF GMP3 - PONDUS & WASTE HEAT RECOVERY	City	TUCSON
Project Address	7101 N CASA GRANDE HWY	C/St	AZ
Office Phone		Email	Minsang.lim@kiewit.com
Office Fax		Salesman email	cpacek@calportland.com
Date	08/08/2025	Quote Number	103019
Salesman	CONRAD PACEK	Customer #	1005234
Cell #	(520) 330-1251	Job Start	09/01/2025

Cubic Yards	Mix Design Number	Description	Price per CY	Comments
PLEASE USE MIX DESIGN NUMBER WHEN PLACING ORDERS WITH DISPATCH.				
1 cy	125344	2500 PSI CLASS B ADOT/PAG	\$190.50	
25 cy's	130624	3000 PSI CLASS S ADOT/PAG	\$193.50	
195 cy's	140204	4000 PSI CLASS S ADOT/PAG	\$201.50	
	7120051	DAVIS RIVER RED (1.33 LBS)	ADDITIONAL \$29.93 PER CY ADDED TO 130624	
		COLOR WASHOUT FEE PER LOAD	\$25.00	
ENVIRONMENTAL FEE: \$ 25.00 PER LOAD ENERGY FEE: \$ 25.00 PER LOAD				
Total	Fly ash and lightweight mixes subject to daily availability / All aggregates meet ASTM C 33. CalPortland shall not be held liable for consequential damages, delay damages, or other damage claims; due to the inability to fulfill concrete orders when there is an unexpected or unavoidable shortage in raw materials.			
221 CY'S				

Comments:READY MIX CONCRETE PRICE ESCALATORS EFFECTIVE ON JANUARY 1, 2026 - ADD \$10.00 PER CY

Mixes quoted do not meet spec provided

CALPORTLAND DOES NOT PROVIDE CONTRACTOR QUALITY CONTROL.

- CalPortland warrants that the concrete as delivered to this project will meet or exceed the design strength specified on the delivery ticket when evaluated in accordance with applicable ACI and ASTM standards.
- Concrete is a natural product; therefore, Seller cannot be responsible for variations in color, surface discoloration, popouts or variations in the finished product caused by finishing techniques or job site conditions.
- CalPortland reserves the right to postpone or cancel any quotes, current jobs or accepted deliveries if unable to perform due to raw material shortages, allocations or government regulations. Prices subject to change due to drastic cost changes of the major components of concrete or Fees.
- Concrete is batched and delivered at current ambient temperatures.
- Customer is responsible to provide safe, suitable access to the point of delivery. CalPortland accepts no responsibility for damages to the premises beyond the curb line.
- Customer shall provide and assume responsibility for an area or container for clean out of the concrete truck chutes.
- The Energy and Environmental Fees charged herein may be more or less than the actual environmental and/or energy costs incurred by Seller in the production, storage and/or delivery of materials and are not designed nor intended to represent the specific environmental and/or energy costs incurred for any individual order.

Terms:	Net 30 (with a valid credit application on file) Unit price does not include applicable sales taxes.
Financing:	All invoices are due and payable within 30 days of the original billing date. A Finance Charge of 1.5% per month on a pro-rated portion thereof (18% Annual Percentage Rate) will be charged upon all balances not paid within 30 days or first appearance on a Statement.
General Terms & Conditions of Sale	We impose a Fee of 2.25% on the transaction amount on all credit card products, which is not greater than our cost of processing. We do not Fee debit cards.
Acceptance:	Pricing is valid with acceptance of a purchase order within 30 days of bid award.

Terms and Conditions

- Tempered Water:** \$2.00 per cubic yard
- Ice:** \$0.50 per pound (Requires 3 - 5 business days notice)
- Non-Chloride Accelerator:** \$0.12 per ounce
- Recover Set Delay Admixture:** \$0.18 per ounce
- Fiber:** Micro Fiber / Macro Fiber (Structural) Priced individually
- Standard Liquid Color:** \$3.35 per pound - See mix detail for per yard pricing
Actual color of concrete may vary due to differences in cement, aggregates, job site conditions and finishing methods. Three-yard minimum load required
- Color Washouts:** \$25.00 per load
- Standby Charges:** \$2.00 per minute beyond 6 minutes per cubic yard
- Delivery Charges:** 1.0 - 5.5 Yds = \$200.00 - One clean up load on all full load orders is included
Orders less than 6 Yds or additional clean up loads are subject to \$200.00 delivery charge
- Plant Opening Charge:** Contact Sales Representative
- Split Load Charges:** \$200.00 per load
- Cancellation Fees:** \$10.00 per cubic yard on all orders cancelled with less than 24 hours' notice
- Saturday Fees:** \$5.00 per cubic yard on all Saturday orders
- Sunday & Holidays:** Price is based on Monday through Saturday production and excludes Sunday & Holidays

**Contract Amount without
Escalation: \$67,011**

CalPortland guarantees ticketed mix designs of less than 5000 P.S.I. for loads of three yards or more. Mix strength for load's less than three yards is not guaranteed due to loss of mortar adhering to drum and fins. Ticketed mix designs of 5000 P.S.I. or greater require a four-yard minimum.

Due to potentially reactive aggregates in Arizona, CalPortland recommends the use of a Class F Fly Ash to mitigate Alkali Silica Reactivity (ASR). Purchaser shall assume the liability for the use of a cement only mix.

Description	Quantity	UM	Unit Price	Total
Concrete - Ready Mix Class B 2500 psi	2.00	CY	\$190.50	\$381.00
Concrete - Ready Mix Class S 3000 psi	31.20	CY	\$193.50	\$6,037.20
Concrete - Ready Mix Class S 4000 psi	270.05	CY	\$201.50	\$54,415.08
Environmental Fee	40.00	LD	\$25.00	\$1,000.00
Fuel Surcharge	40.00	LD	\$25.00	\$1,000.00
Color Concrete	31.00	CY	\$29.93	\$927.83
Ice (40#/CY)	100.00	CY	\$20.00	\$2,000.00
Small Load Fee	6.00	LD	\$200.00	\$1,200.00
Color Washout Fee	2.00	LD	\$25.00	\$50.00
Total				\$67,011.11





Dear Valued Customer,

On behalf of all of us here at CalPortland Arizona, I would like to thank you for your continued loyalty and support. We are honored to be your #1 brand and will work diligently to remain your single source for all your concrete solutions. We appreciate your business and will always find ways to continue to provide you with the highest quality products and services our industry has to offer.

There have been several global events that have directly and indirectly impacted our industry. We are managing these variations internally through a series of increased plant efficiencies, cost reduction initiatives and other activities. Because of these uncertainties we are forced to implement a variable energy fee to compensate for these changes.

Effective January 1, 2024, the energy fee will be applied to all deliveries when the average reported price of diesel exceeds \$3.30 per gallon. The energy fee will be adjusted every Monday and will remain constant for that week. You can review the average price of diesel by visiting the Department of Energy's website at <https://www.eia.gov/petroleum/gasdiesel/> - U.S. On-Highway Diesel Fuel Prices – West Coast Less California.

Energy Fee will be adjusted as follows:

\$3.30/gal = No energy fee
\$3.31/gal - \$3.50/gal = \$5.00 per load
\$3.51/gal - \$3.70/gal = \$10.00 per load
\$3.71/gal - \$3.90/gal = \$15.00 per load
\$3.91/gal - \$4.10/gal = \$20.00 per load
\$4.11/gal - \$4.30/gal = \$25.00 per load
\$4.31/gal - \$4.50/gal = \$30.00 per load
\$4.51/gal - \$4.70/gal = \$35.00 per load
\$4.71/gal - \$4.90/gal = \$40.00 per load

Each \$0.20 / Gallon Increase = \$5.00 per load

Your local sales representative is available to answer any questions you may have.

< Precast Curbs, Piers And Bumpers



6" X 7' Steel Bollard Pipe

MFG#: BAL67

SKU#: 104BAL67

\$232.99 (EACH)

✓ Ready to Ship

Contract Amount without
Escalation: \$666

QTY

\$232.99 x 2 EA = \$465.98
\$200 Freight Cost

1

Selected Branch

White Cap - Ecommerce 594
4500 5th Ave South
Building M4
Birmingham, AL 35222
(205) 714-3395

Select your local branch for best pricing and

delivery options.

Orders ship in 1-3 business days.

Item does not meet small parcel ground shipping requirements.

PRODUCT DETAILS

Bollard Pipe is designed to guide traffic and protect from vehicle intrusions. Bollards can be manufactured and installed to withstand significant vehicle impacts, but they can also be used as visual barriers.

- Unobtrusive way to protect people and places against vehicle impact
- Block motor vehicles without slowing foot-traffic
- Ideal for many security and safety situations

SPECIFICATIONS

Material	Steel
Nominal Product Depth	0



PARSONS STEEL ERECTORS, INC.
dba Parsons Steel Builders
4580 North Highway Drive
Tucson, AZ 85705
(520) 887-6207 * (520) 292-2636
ROC 071105 * 082290 * 105486 * 333267

PROPOSAL

8/14/2025

Proposal No: 1719

Kiewit
3888 E. Broadway Rd
Phoenix, AZ 85040

Attn: Trent Miller

RE: Tres Rios WRF GMP3 – Pondus & Waste Heat Recovery

We propose to furnish labor and materials to fabricate, deliver and erect the following structural steel items Due to the steel market our bid price is honored for fifteen days and does not include any applicable sales tax, inspection fees, or bond.

Our quote is based on drawings prepared by Pima county, HDR dated 02/2025, 06/2025

Bid Price Amount: \$ 299,570.00

Two Hundred Ninety Nine Thousand Five Hundred Seventy DOLLARS

Price Includes all Supports to be Hot Dip Galvanized

Pricing based off 90% drawings

Items Included Erected:

- A. Bid Item #1 Pipe Supports for 48" Pipe (9 Each)
- B. Bid Item #2 Pipe Supports for 30" Pipe (8 Each)
- C. Bid Item #3 Pipe Supports for 36" Pipe (10 Each)
- D. Bid Item #4 Pipe Bridge (1 Each)
- E. Bid Item #5 T Frame Pipe Supports (32 Each)
- F. Bid Item #6 H Frame Pipe Supports (6 Each)
- G. Bid Item #7 Pipe Supports (22 Each)
- H. Bid Item #9 Pipe Supports at Wall (6 Each)
- I. Bid Item #10 Pipe Supports at Existing Support New Detail 13 (44 Each)
- J. Bid Item #11 Pipe Supports at Existing Support New Detail 14 (6 Each)
- K. Epoxy Anchor Rods

PERFORMANCE : \$50,000 -
ADD'L EQUIPMENT : \$50,000 -
\$399,570 -
BOND @ 1% 3,995.70
\$403,565.70
+ ESCALATION \$416.00

Contract Amount without
Escalation: \$402,566

Items Included F.O.B. Jobsite:

- A. Cast In Place Anchor Bolts and Templates (Set/Installed by Others)

Specific Exclusion:

- A. Engineering
- B. Special Inspections
- C. Finish Coatings
- D. Epoxy Primers
- E. Stairs, Rails
- F. Any Pipe Supports that are not mentioned above (supports on mechanical drawings typical details)
- G. Pipe Shoes
- H. Anvil Pipe Supports

Please see attached copy of our standard exclusions and conditions.

Thank you for your consideration on this project. If we can be of further service, please feel free to contact our office.

Sincerely,



Cory Glenn
Estimator/PM
Parsons Steel Builders
Certified AISC Fabricator and Erector

Standard Exclusions and Conditions:

Any Item *not* listed on our proposal as well as the following are excluded.

1. All Wood to Steel and Wood to Masonry Bolts
2. Non-Ferrous Metals
3. Metal Studs
4. Light Gauge Metals
5. Access Doors, Panels and Hatches
6. Welding of Structural Steel to Light Gauge Framing or Metals
7. Cast or Extruded Miscellaneous Metal Work
8. Brick Ties
9. Brackets for Wood Handrails
10. Resilient Wall Ties
11. Welding of Pre-Cast Panel Connections
12. Field Measuring
13. Grouting of Columns, Beams and Handrails
14. Hollow Metal Door and Frames
15. Miscellaneous Steel Items either shown or implied on Mechanical, Electrical Plumbing or Landscaping Drawings.
16. Field Touch-Up Painting
17. Rebar and Mesh
18. Non-Slip Nosing at Concrete Stairs
19. Demolition and Shoring
20. Holes for Other Trades
21. Engineer's Survey
22. Drawings Prepared Under Engineer's Supervision
23. Stainless Steel
24. Stud clips either light gauge or clips made from standard steel shapes.
25. Deck supports and Frames not shown in structural framing plan.

SPECIAL CONDITONS:

1. General contractor to set all levels and datum lines, including leveling nuts for anchor bolts.
2. Purchase order or contract must reference this proposal.
3. It is expressly understood that this attachment will become part of the contract.
4. No claim or back charge will be allowed unless authorized by seller in writing before expense incurred.
5. Seller shall be excused for delays in deliveries occasioned by strikes, boycotts, differences with workmen, inability to secure suitable or sufficient material, fuel, or competent labor from customary sources.
6. Unless otherwise specified, Parsons Steel Erectors, Inc. will have no engineering or design responsibilities and customer agrees to indemnify and hold harmless Parsons Steel Erectors, Inc., against any claim relating to engineering.
7. Customer may change the drawings or specifications, but if any change results in an increase or decrease in cost to Parsons Steel Erectors, Inc., the sales price hereof shall be negotiated.
8. It is agreed that the owner/contractor shall obtain course of construction insurance and that subcontractor shall be named as additional insured. All material stored on the site shall be insured and protected by contractor and Parsons Steel Erectors, Inc., shall not be responsible for any loss, damage theft or destruction of any material stored on site, erected, or installed. Builder Risk Insurance against perils or fire; extended coverage and vandalism; shall be provided by owner/contractor and have added Parsons Steel Erectors, Inc., as an insured "As their interest may appear" and furnish written notice in event of cancellation.

Minsang.Lim

From: Cory Glenn <Cory@steelaz.com>
Sent: Wednesday, August 13, 2025 11:30 AM
To: Minsang.Lim
Cc: Trent.Miller
Subject: [External]RE: Tres Rios GMP3 RFQ

See below in Red



Cory Glenn

Project Manager/Estimator

Parsons Steel Builders, Inc.
4580 N. Highway Dr. | Tucson, AZ 85705

O: 520-887-6207

C: 520-471-1757

E: cory@steelaz.com

From: Minsang.Lim <Minsang.Lim@kiewit.com>
Sent: Tuesday, August 12, 2025 6:00 PM
To: Cory Glenn <Cory@steelaz.com>
Cc: Trent.Miller <Trent.Miller@kiewit.com>
Subject: Tres Rios GMP3 RFQ

Cory,

A few questions here as I read your proposal:

- Please confirm that your proposal includes furnish and erect the structural steel items A through J. YES
- Please confirm that Parsons Steel is an AISC certified fabricator and erector. YES
- Your quote states that you propose to furnish labor and material to fabricate, deliver and erect the structural steel items A through J. However, it also states that anchor bolts and templates set by others. Are you erecting the structural steel members without setting anchor bolts? I understood that there are cast-in-place anchor bolts to be set by us, but also some need to be drilled and epoxied to existing decks. Please advise. CAST IN PLACE BY OTHERS – EPOXY RODS BY PARSONS – SPECIAL INSPECTION BY OTHERS
- Please confirm that you are furnishing anchor bolts and hex bolts penetrating your steel members. YES

- Please confirm that you provide equipment to erect the steel items. YES – I MAY HAVE A SLIGHT REVISION TO PRICING PENDING SITE MEETING TODAY 8/13 at 2:30 PM
- Please confirm that you included field welding in your price. YES – SPECIAL INSPECTION BY OTHERS
- Please provide your bond rates if you are bondable. I WILL GET WITH EMILY PARSONS ON THIS AND SEND OVER AS SOON AS POSSIBLE

Thanks,



MINSANG LIM

Estimating Manager

KIEWIT INFRASTRUCTURE WEST CO.

3888 E Broadway Road, Phoenix, AZ 85040

602-437-7438 direct 480-673-6289 cell

kiewit.com

Quotation Analysis Cover Sheet

Quote Taker: STEVEN PERALTA

Quote Group: 5. Blad Heat Recovery Pump

Project Name: TRPS RIOS GMD 3

Vendor Contact: _____

Vendor Name: JAB SALES

Vendor Phone: _____

Union: Yes / No (N/A) (circle)

DIR No. & Exp Date (for CA Subcontractors): _____

<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal / N/A (circle)

License No. & Exp Date: _____

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: mypldcca.hawaii.gov/public-license-search

Analysis:

Base bid: \$12,290.00 Includes pump, bladder tank, bladder space

+ 1.8% escalation
\$

Contract Amount without Escalation: \$4,970

\$5059 - Heat Recovery Pump

\$7824 - Bladder tank

\$12,883 -

Subtotal: \$5,059

Listing Amount: _____

Tax: _____ %

xBE Amount: _____

Bond: _____ %

Type of xBE: _____

Special Conditions: _____

xBE Certs Attached? (circle): Yes / No / N/A

Quoted Total: \$5,059

Certifying Agencies (circle): Caltrans / Metro / SBA

Comparable Total: _____

LABAVN / Other: _____

(If different from Quoted Total)

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / No / N/A

Is quotation valid for 90 days (circle)? Yes / No

Is escalation included in the unit prices (circle)? Yes / No / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

Project specific Safety Form attached (circle)? Yes / No / N/A

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / N/A

Lead time for materials or equipment: _____ weeks

DESCRIPTION: **Heat Recovery Pumps**JOB: **Tres Rios GMP 3**Bid Date: **08/18/25**Spec -
EQ 03**Heat Recovery Pumps**

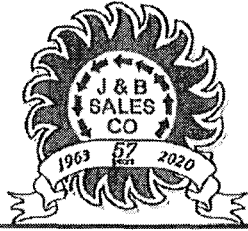
NAME: J & B Sales Co.
 PHONE: 602-258-1545
 CONTACT: Jake Seitzer
 EMAIL: jseitzer@j-bsalesco.com
 CELL: 602-803-0617

"Manufacturer"

Notes

SOLICITATION STATUS

ITEM	SPECIFICATION	DESCRIPTION	SIZE	QUANT	UN	UP	TOTAL
		Heat Recovery Pumps					
23 21 14		Hydronic Pumps (Heat Return Pump) B&G Base Mounted Pump series e-1510, Model: e-1510 20 HP, 3600 RPM, 256T Frame 6.5" Impeller 230/460/3/60 Motor		1	EA	\$ 4,970	\$ 4,970
		Material Escalation	1.80%			\$	89
		<i>Hold Price Through... 90 Day AWARD PERIOD</i>				Yes	
		LEAD TIME				Yes	
		PER PLANS AND SPECS				Yes	
	Freight -	FOB JOBSITE - add money if necessary					
		Addenda #1 through ???					
		SubTotal				\$	5,059
		Tax @				\$	-
		Equipment Sheet Total				\$	5,059



J&B Sales Co.
3441 N. 29th Ave.
Phoenix, AZ 85017
(602) 258-1545 Phone
(602) 258-9719 Fax

Nick

Quotation No. 2025-8-1-9:24

J & B Sales Co
3441 N. 29th Ave.
Phoenix, AZ 85017
Phone: 602-258-1545
Fax: 602-258-9719

Quote Date: 8/1/2025
Salesperson: J & B Sales
Date: 8/7/2025 12:42:15 PM
Terms:
Freight: Full Freight Allowed
Job:

Tres Rios WRF
Phoenix, AZ 85017

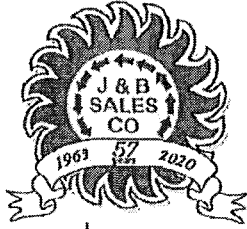
TO: **Mechanical Contractors**
ATTN: **Estimating**

Engineer: None Selected

We are pleased to quote on the following equipment for the subject job, subject to J & B Sales Co. terms and conditions. This quotation and all equipment items and prices may change without notice, and void after 30 days unless otherwise stated. J & B Sales Co. reserves the right to substitute motor manufacturers. All orders and contracts are subject to acceptance by our company. Performance is contingent upon non-occurrence of strikes or other delays beyond our control. All lead times are subject to change. This job quote supersedes any previous quotation for the same job. Terms and conditions provided to J & B Sales Co. after date of this quotation do not apply. Any startup, alignment, or spare parts, are not included unless otherwise stated. For this Project, taxes ARE NOT included unless listed by line item. Taxes will be added at time of purchase order. Contractor is responsible to provide "tax-exempt" documentation. FFA FOB factory is quoted as one shipment per manufacturer, shipping to Arizona. Shipments outside of Arizona are subject to additional costs. Any additional shipments, returns or exchanges are subject to freight terms.

Qty	Description & Tag	Wt (lbs)	Net Price Ea.	Total Net Price
	PODUS			
5	Tag: HWR-1+2+3+4+5 B&G In-Line Pump Series Model c-80, 2 x 2 x 7 1/2, SS, 15 IIP, 3600 RPM, with 254JM Frame with 6.625" Impeller, STD-Buna/Carbon/Ceramic/SS/Bronze Seal, Flange Support Option (set of 2 supports), Volute Wear Ring, Cert Test Flow/Head/HP/eff/NPSH, WEG Motor, TEFC, NEMA Premium w/Shaft Grounding Rings, Inverter Suitable, 230/460/3/60 Motor, 150 gpm, 150 ft	2125	\$12,136.00	\$60,680.00
5	Tag: HWR-1+2+3+4+5 B&G REPL SEAL KIT-11-1/4BUNA NBF	0	\$317.21	\$1,586.00
5	Tag: HWR-1+2+3+4+5 B&G KIT, GASKET, RING, 150 Gallons Per Minute (GPM), 150 Gallons Per Minute (GPM)	15	\$10.10	\$51.00
	Total PODUS			\$62,317.00

exclude
(provided by CMP)



J&B Sales Co.
 3441 N. 29th Ave.
 Phoenix, AZ 85017
 (602) 258-1545 Phone
 (602) 258-9719 Fnx

	WASTE HEAT RECOVERY			
1	Tag: 86-HES-PMP-03 B&G Base Mounted Pump Series e-1510, Model e-1510, 2.5 AC, SS, 20 HP, 3600 RPM, 256T Frame, with 6.5" Impeller, STD-Buna/Carbon/Ceramic/SS/Bronze Seal, , Volute Wear Ring, WEG Motor, TEFC, NEMA Premium w/Shaft Grounding Rings, Inverter Suitable, 230/460/3/60 Motor, 427 gpm, 127 ft	496	\$4,969.80	\$4,970.00
1	Tag: 86-HER-EXT-03 B&G B800 Series B ASME Blackler Tank (211 GAL)	475	\$5,390.50	\$5,391.00
1	Tag: 86-HER-BXT-03 B&G B-800 Bladder	33	\$1,929.10	\$1,929.00
	Total WASTE HEAT RECOVERY			\$12,290.00
	PRE INSULATED PIPE			
1	Lot Price Quote Per Attached Perma-Pipe Description	1	\$40,944.70	\$40,945.00
	Total PRE INSULATED PIPE			\$40,945.00
	Total	3146		\$115,552.00

Quotation Analysis Cover Sheet

Quote Taker: Steven Peralta
 Project Name: Tres Rios GMP 3
 Vendor Name: J & B Sales Co.

Quote Group: 5 8602 Bladder Exp Tank
 Vendor Contact: Jake Seitzer
 Vendor Phone: 602-258-1545

Union: Yes / No / N/A (circle)

DIR No. & Exp Date (for CA Subcontractors):
<https://www.dir.ca.gov/public-works/contractors.html>

Specified Supplier? Yes / Or Equal / N/A (circle)

License No. & Exp Date:

CA Contractors License Search: www.cslb.ca.gov/online-services

HI Contractors License Search: mypl.dcca.hawaii.gov/public-license-search

Analysis: Bladder Exp Tank

1.8% Escalation - See spreadsheet

Contract Amount without
Escalation: \$7,720

Subtotal: \$7,824

Listing Amount: _____

Tax: _____%

xBE Amount: _____

Bond: _____%

Type of xBE: _____

Special Conditions: _____

xBE Certs Attached? (circle): Yes / No / N/A

Quoted Total: \$7,824

Certifying Agencies (circle): Caltrans / Metro / SBA

Comparable Total: _____

LABAVN / Other: _____

(If different from Quoted Total) _____

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)
Expansion Tank Bladder Type	1	EA			
Spec. Bladder	1	EA			

Does unit price include FOB Jobsite (circle)? Yes / No / N/A

Is quotation valid for 90 days (circle)? Yes / No

Is escalation included in the unit prices (circle)? Yes / No / N/A

All addendums acknowledged - 1 through _____ (circle)? Yes / No

Project specific Safety Form attached (circle)? Yes / No / N/A

Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / N/A

Lead time for materials or equipment: 44 weeks

DESCRIPTION: **Hydronic Expansion Tank**JOB: **Tres Rios GMP 3**Bid Date: **08/18/25**Spec -
EQ 07**Hydronic Expansion Tank**

NAME: J & B Sales Co.

PHONE: 602-258-1545

CONTACT: Jake Seitzer

EMAIL: jseitzer@j-bsalesco.com

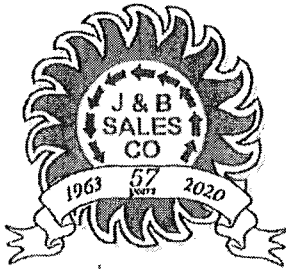
CELL: 602-803-0617

"Manufacturer" B & G

Notes

SOLICITATION STATUS


ITEM	SPECIFICATION	DESCRIPTION	SIZE	QUANT	UN	UP	TOTAL
		Hydronic Expansion Tank					
		Expansion Tank - Bladder type		1	EA	\$ 5,791	\$ 5,791
		Rated Division 1					
		240 Degrees working temperature					
		125 psi working pressure					
		Minimum tank Vol = 221 gal					
		Diameter = 32" ; Height = 76"					
		Weight = 2300 lbs					
		Model no. B-800					
		Spare Bladder		1	EA	\$ 1,929	\$ 1,929
		Material Escalation	1.80%				\$ 104
		Hold Price Through... 90 Day AWARD PERIOD				Yes	
		LEAD TIME				14 Weeks	
		PER PLANS AND SPECS				Yes	
Freight -		FOB JOBSITE - add money if necessary					INCL
		Addenda #1 through ???					
		SubTotal					\$ 7,824
		Tax @					\$ -
		Equipment Sheet Total					\$ 7,824



J&B Sales Co.

3441 N. 29th Ave.
Phoenix, AZ 85017
(602) 258-1545 Phone
(602) 258-9719 Fax

WASTE HEAT RECOVERY			
1	Tag: 86-HES-PMP-03 B&G Base Mounted Pump Series e-1510, Model e-1510, 2.5 AC, SS, 20 HP, 3600 RPM, 256T Frame, with 6.5" Impeller, STD-Duna/Carbon/Ceramic/SS/Bronze Seal, , Volute Wear Ring, WEG Motor, TEFC, NEMA Premium w/Shaft Grounding Rings, Inverter Suitable, 230/460/3/60 Motor, 427 gpm, 127 ft	496	\$4,969.80 \$4,970.00
1	Tag: 86-HER-EXT-03 B&G B800 Series B ASME Bladder Tank (211 GAL)	475	\$5,390.50 \$5,391.00
1	Tag: 86-HER-EXT-03 B&G B-800 Bladder	33	\$1,929.10 \$1,929.00
Total WASTE HEAT RECOVERY			\$12,290.00
PRE INSULATED PIPE			
1	Lot Price Quote Per Attached Perma-Pipe Description	1	\$40,944.70 \$40,945.00
Total PRE INSULATED PIPE			\$40,945.00
Total		3146	\$115,552.00

 Outlook

[External]RE: Expansion Tank

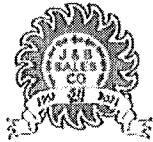
From Jake Seitzer <jseitzer@j-bsalesco.com>
Date Fri 8/15/2025 1:30 PM
To Steven.Peralta <Steven.Peralta@kiewit.com>

Good afternoon Steven,

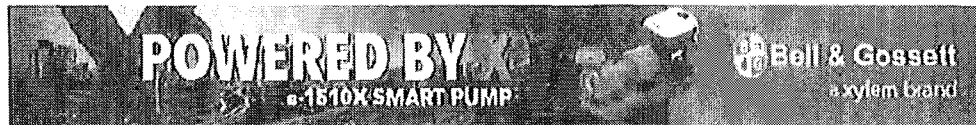
Freight is included in the cost of the item.

Thank you,

Jake Seitzer
BSME
Vice President



J & B SALES CO.
3441 N. 29th Ave | Phoenix, AZ | 85017
O: (602) 258-1545
www.j-bsalesco.com



From: Steven.Peralta <Steven.Peralta@kiewit.com>
Sent: Friday, August 15, 2025 12:58 PM
To: Jake Seitzer <jseitzer@j-bsalesco.com>
Subject: Expansion Tank

Hi Jake,

One and final detail I would like to know about the Expansion Tank for this Tres Rios GMP 3 Project is, what would be the freight cost to the project site, 7101 N Casa Grande Hwy, Tucson, AZ 85743?

Thanks,



Steven Peralta
Field/Office Engineer
Southern California District
10704 Shoemaker Ave. Santa Fe Springs, CA 90670
818-919-3305 cell
kiewit.com



Outlook

RE: [External]RE: Expansion Tank

From Jake Seitzer <jseitzer@j-bsalesco.com>

Date Fri 8/15/2025 2:08 PM

To Steven.Peralta <Steven.Peralta@kiewit.com>

Tank volume refers to the physical size of the tank.

Acceptance volume refers to the amount of water it can hold (the size of the bladder internally)

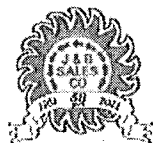
The model they have specified is a "full acceptance" type expansion tank (typical of most HVAC bladder tanks), which means the tank size and acceptance size are the same.

Thank you,

Jake Seitzer

BSME

Vice President



J & B SALES CO.

3441 N. 29th Ave | Phoenix, AZ | 85017

O: (602) 258-1545

www.j-bsalesco.com



From: Steven.Peralta <Steven.Peralta@kiewit.com>

Sent: Friday, August 15, 2025 2:04 PM

To: Jake Seitzer <jseitzer@j-bsalesco.com>

Subject: Re: [External]RE: Expansion Tank

Jake,

I see that it meets the minimum acceptance volume, but then there is a minimum tank volume of 221 gallons. Would you know the difference between acceptance volume and tank volume?

Thanks,



Kiewit

Steven Peralta

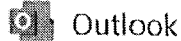
Field/Office Engineer

Southern California District

10704 Shoemaker Ave. Santa Fe Springs, CA 90670

818-919-3305 cell

kiewit.com



Outlook

RE: [External]RE: Expansion Tank

From Jake Seitzer <jseitzer@j-bsalesco.com>

Date Fri 8/15/2025 2:29 PM

To Steven.Peralta <Steven.Peralta@kiewit.com>

The specification calls for a spare bladder, so that is what is quoted underneath the tank line.

Thank you,

Jake Seitzer

BSME

Vice President

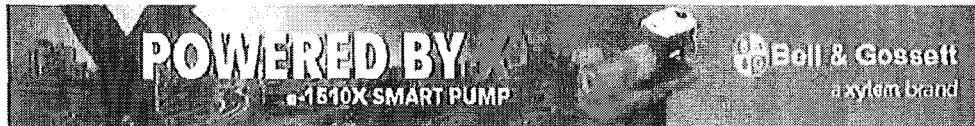


J & B SALES CO.

3441 N. 29th Ave | Phoenix, AZ | 85017

O: (602) 258-1545

www.j-bsalesco.com



From: Steven.Peralta <Steven.Peralta@kiewit.com>

Sent: Friday, August 15, 2025 2:26 PM

To: Jake Seitzer <jseitzer@j-bsalesco.com>

Subject: Re: [External]RE: Expansion Tank

Jake,

Thank you for clarifying. So, what is the item underneath the tank that is costing \$1,929.10? Is that a necessary apart of the tank?

Thanks,



Kiewit

Steven Peralta

Field/Office Engineer

Southern California District

10704 Shoemaker Ave. Santa Fe Springs, CA 90670

818-919-3305 cell

kiewit.com

From: Jake Seitzer <jseitzer@j-bsalesco.com>

Sent: Friday, August 15, 2025 2:08 PM

HYDRONIC EXPANSION TANKS				
SYMBOL			86-HER-FXT-03	
TYPE			BLADDER	
SERVICE			HEATING WATER	
MINIMUM TANK VOLUME		GAL.	221	
MINIMUM ACCEPTANCE VOLUME		GAL.	180	
AIR PRESSURE CHARGE		PSI	12	
FLUID		TYPE		WATER
		CONC.	%	
				100
DIMENSIONS	DIAMETER		INCHES	32
	HEIGHT		INCHES	76
	MAXIMUM WEIGHT		LBS	2300
MANUFACTURER			B&G	
SERIES			8	
MODEL NO.			R-800	
APPLICABLE REMARKS				
REMARKS:				

Quotation Analysis Cover Sheet

Quote Taker: Steven Peralta Quote Group: 5.8603
 Project Name: Tres Rios GMP 3 Vendor Contact: Cory Kopp
 Vendor Name: CleanTek Water Solutions Vendor Phone: 952-250-3851
 Union: Yes / No / (N/A) (circle) DIR No. & Exp Date (for CA Subcontractors):
<https://www.dir.ca.gov/public-works/contractors.html>
 Specified Supplier? Yes / Or Equal / (N/A) (circle) License No. & Exp Date:
 CA Contractors License Search: www.cslb.ca.gov/online-services
 HI Contractors License Search: mypldcca.hawaii.gov/public-license-search

Analysis: Blower Heat Exchangers
1.8% Escalation - See Spreadsheets
 been bid : \$ 320,500
 Escalation 3% 9,615
330,115
 Bond 2.75% 9078
339,193.10
 Contract Amount without Escalation: \$329,578

Subtotal: \$326,269 Listing Amount: _____
 Tax: _____ % xBE Amount: _____
 Bond: _____ % Type of xBE: _____
 Special Conditions: \$326,269 xBE Certs Attached? (circle): Yes / No / N/A
 Quoted Total: _____ Certifying Agencies (circle): Caltrans / Metro / SBA
 Comparable Total: _____ LABAVN / Other: _____
 (if different from Quoted Total)

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)
34- PA - HEX	1	EA		97,500	
34- PA - HEX	1	EA		97,500	
46- PA - HEX	1	EA		97,500	

Does unit price include FOB Jobsite (circle)? (Yes) / No / N/A
 Is quotation valid for 90 days (circle)? (Yes) / No
 Is escalation included in the unit prices (circle)? (Yes) / No / N/A
 All addendums acknowledged - 1 through _____ (circle)? Yes / No
 Project specific Safety Form attached (circle)? Yes / No / (N/A)
 Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / (N/A)
 Lead time for materials or equipment: 26 weeks

Date: August 8, 2025
Ref.: S-25-033 Rev A
To: Josh Young – Kiewit
Project: Tres Rios GMP 3 – Waste Recovery Heat Exchangers
 Pima County Regional Wastewater Reclamation Department, Arizona
Section: 42.13.00 – Blower Exhaust Heat Exchanger
Equipment: Two (2) Lackeby HAW 700 Air/Water Heat Exchangers
 One (1) Lackeby HAW 1000 Air/Water Heat Exchanger
Re: Proposal

Scope of Supply and Technical Details

Two (2) Lackeby Model HAW 700 Air/Water Heat Exchangers

For the design and supply to jobsite (DDP) of two (2) Lackeby Model HAW 700 Air/Water Heat Exchangers. Design details for the heat exchangers are detailed in the attached drawings. Performance of each heat exchanger is noted below and attached (note that these performance calculations are based on our most recent discussions with the project engineer).

Heat Exchanger Performance/Design – Tag 34-PA-HEX-15

Air

• Volume Flow:	8495 m ³ /h	5000 scfm
• Temperature In:	112.2°C	234°F
• Velocity:	1.3 m/s	4.27 ft/s
• Temperature Out:	77.5°C	171.5°F
• Pressure Drop:	83 Pa	0.01 psi
• Capacity	198.91 kW	0.679 MMBTU/hr

Water (0% glycol)

• Flow:	9.0 l/s	143 gpm
• Velocity:	1 m/s	3.28 ft/sec
• Temperature In:	74°C	165°F
• Temperature Out:	79°C	174°F
• Pressure Drop:	4 kPa	0.58 psi

Heat Exchanger Performance/Design – Tag 34-PA-HEX-19

Air

• Volume Flow:	12743 m ³ /h	7,500 scfm
• Temperature In:	112.2°C	234°F
• Velocity:	1.9 m/s	6.23 ft/s
• Temperature Out:	80.5°C	177°F
• Pressure Drop:	161 Pa	0.02 psi
• Capacity	272.32 kW	0.930 MMBTU/hr

Water (0% glycol)

• Flow:	9.0 l/s	143 gpm
• Velocity:	1 m/s	3.28 ft/sec
• Temperature In:	74°C	165°F
• Temperature Out:	81°C	179°F
• Pressure Drop:	4 kPa	0.58 psi

HAW 700 Heat Exchanger Design and Materials:

Compressed air flows into the heat exchanger axially via the flanged air inlet pipe connection. After being pressed against a wall at the far end of the heat exchanger, the air flows freely between a number of layers of surface-maximizing aluminum fins and copper loops in which the water circulates. The air is directed past the wall of the heat exchanger and then onwards to the flanged outlet. The 30 inch (Tag 34-PA-HEX-15) and 36 inch (Tag 34-PA-HEX-15) flanged axial inlets and outlets are ANSI Class 150. The flanged casing facilitates easier inspection and maintenance. Water connections to the unit are 4 inch threaded connections.

The heat exchanger is designed and dimensioned for counter-current flow. If the flows are connected for co-current flow the heat exchanger will achieve less heat transfer capacity. Care should be taken to relieve any stresses that could be transported to the heat exchanger from the piping connected to the heat exchanger.

Each heat exchanger body and flange connections will be fabricated of welded 304 stainless steel plate. Each shall be completely enclosed and self-supporting. All flanged connections shall be compatible with ANSI B16.5 Class 150 flanges. Support feet for each unit is also included. See attached drawings for more details on the design of each unit.

One (1) Lackeby Model HAW 1000 Air/Water Heat Exchanger

For the design and supply to jobsite (DDP) of one (1) Lackeby Model HAW 1000 Air/Water Heat Exchangers. Design details for the heat exchanger are detailed in the attached drawings. Performance of the heat exchanger is noted below (note that these performance calculations are based on our most recent discussions with the project engineer).

Heat Exchanger Performance/Design – Tag 46-PA-HEX-29

Air

• Volume Flow:	25485 m ³ /h	15,000 scfm
• Temperature In:	112.2°C	234°F
• Velocity:	2.1 m/s	6.89 ft/s
• Temperature Out:	81.2°C	178°F
• Pressure Drop:	238 Pa	0.04 psi
• Capacity	523.26 kW	1.787 MMBTU/hr

Water (0% Glycol)

• Flow:	9.0 l/s	143 gpm
• Velocity:	1 m/s	3.28 ft/sec
• Temperature In:	74°C	165°F
• Temperature Out:	88°C	190.4°F
• Pressure Drop:	8 kPa	1.16 psi

HAW 1000 Heat Exchanger Design and Materials:

Compressed air flows into the heat exchanger axially via the flanged air inlet pipe connection. After being pressed against a wall at the far end of the heat exchanger, the air flows freely between a number of layers of surface-maximizing aluminum fins and copper loops in which the water circulates. The air is directed past the wall of the heat exchanger and then onwards to the flanged outlet. The 48 inch inch flanged axial inlet and outlet are ANSI Class 150. Water connections to the unit are 5 inch threaded connections.

The heat exchanger is designed and dimensioned for counter-current flow. If the flows are connected for co-current flow the heat exchanger will achieve less heat transfer capacity. Care should be taken to relieve any stresses that could be transported to the heat exchanger from the piping connected to the heat exchanger.

Each heat exchanger body and flange connections will be fabricated of welded 304 stainless steel plate. Each shall be completely enclosed and self-supporting. All flanged connections shall be compatible with ANSI B16.5 Class 150 flanges. Support feet for the unit is also included. See attached drawing for more details on the unit design.



Heat Exchanger Materials of Construction:

- Cover/Body and Flanges: ASTM A240, 304 Stainless Steel
- Water Coil Fins: Aluminum
- Water Coil Headers & Tubes: Copper
- Water Coil Frame & Lifting Lugs: Galvanized Steel
- Drain Valve: Brass
- Bolts, Nuts, and Fasteners: IFI-104 Grade 303, 304, or 305 Stainless Steel

Included Services:

- Factory test including factory pressure test. As requested, photos will be supplied during fabrication.
- Submittal including product data, shop drawings, calculated performance, and deliverable schedule (electronic).
- O&M Manual (electronic)
- Standard freight to jobsite is included (DDP). Equipment will be delivered crated. Shipment will be via ocean in a dedicated shipping container that is fully insured. Photographs provided prior to packing and after packing.
- Site/Start-up Services – Three (3) site trips for a total of three (3) business days (one day on site per trip) for start-up, installation inspection, and operator training is included (travel expenses included). Site time on weekends or holidays will be an additional charge. Minimum of four weeks notice is required for scheduling.

Pricing (freight to jobsite included - DDP)

Description	Price
Two (2) HAW 700 Air/Water Heat Exchangers and one (1) HAW 1000 Air/Water Heat Exchanger including start-up/site services and freight to jobsite as described above.	\$ 320,500.00 USD

- Supply bond is not included in the price. Our current supply bond percentage is 2.75%.
- 2026 escalation is 3% added to the proposed price.
- 2027 escalation is 3% added to the 2026 price.
- All materials and manufacturing originate in Sweden or the EU. All current tariffs are included in pricing.

Cleantek Water Solutions | 6 Pine Tree Drive, Suite 190, Arden Hills, Minnesota 55112

T 866-929-7773 info@cleantekwater.com www.cleantekwater.com

Exclusions:

- Taxes of any kind
- Liquidated or consequential damages
- Insurance beyond our standard
- Controls or instrumentation of any kind (Spec sections 40 90 00, 40 91 00, and 40 99 90 are not applicable to our supply)
- Offloading or on-site storage
- Installation or supervision of installation
- Structural or seismic engineering
- Any piping or piping connections not integral to the equipment proposed above.
- Any piping connections not detailed in the proposal or the attached drawings.
- Any valves, gauges, or sensors not noted above.
- Any blowers, boilers, or water supply of any type.
- Anchor bolts
- Concrete work
- Civil design
- Buildings
- Engineering redesign
- Electrical connections
- Electrical installation and wiring
- Oil and grease
- Tools
- Support stands
- Finish painting or prime coating. Exterior is not painted as it is 304 stainless steel.
- Entire Supplier Deliverable Schedule as currently detailed in specification (schedule is generally not applicable).
- Spare parts (as standard they are not needed).



Terms:

- 30% due Net 30 upon submittal approval and release for fabrication.
- 70% due Net 30 upon delivery of equipment to jobsite.
- 1% interest charges per month for late amounts due.

Approvals:

- Standard submittal package provided for approval within 3 weeks from date of executed purchase order.

Delivery:

- Equipment delivered to jobsite 22 to 26 weeks from receipt of signed submittal approvals.

Warranty:

- 24 months from date of substantial completion or 27 months from date of delivery (which ever occurs first).

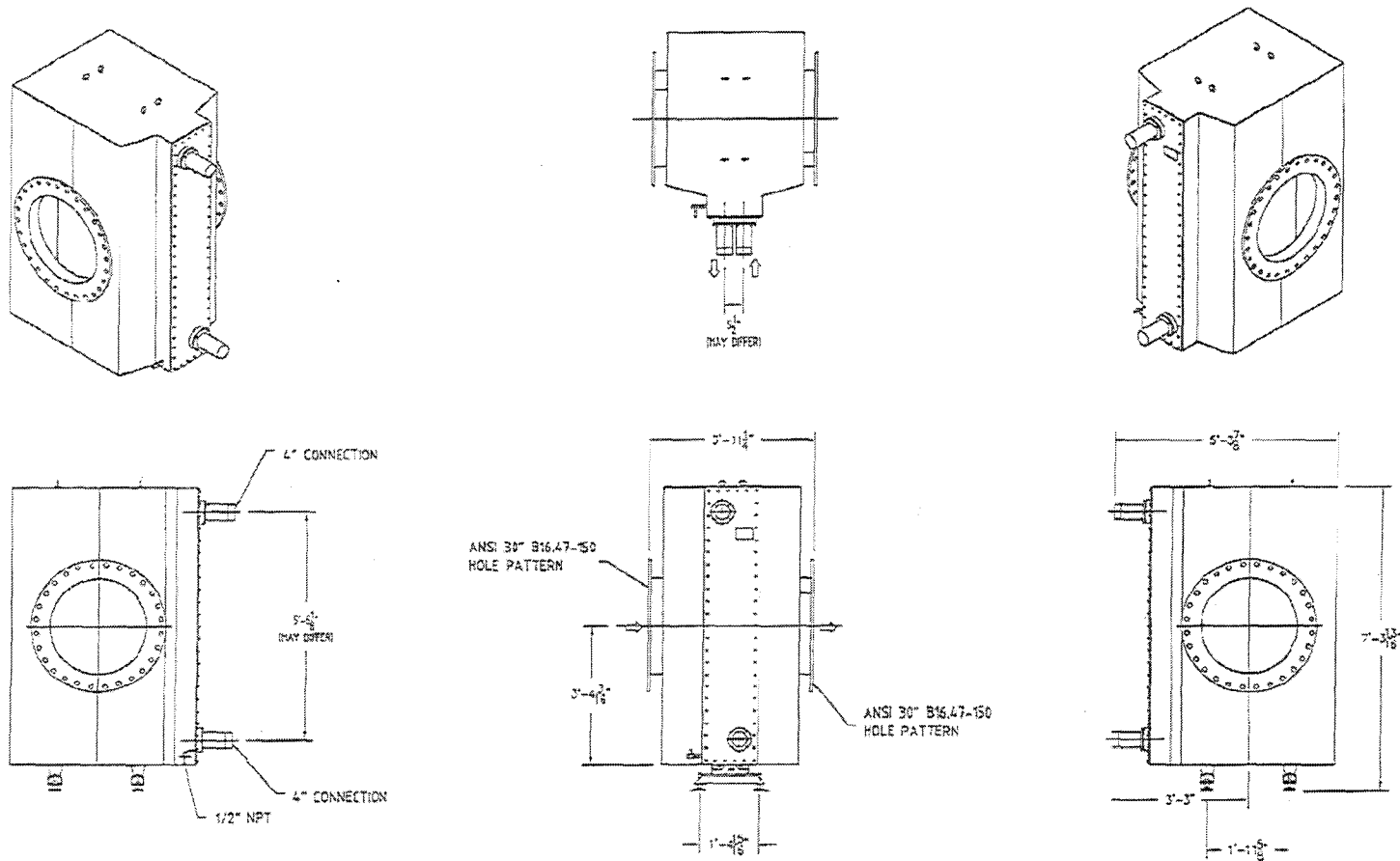
Validity:

- This proposal is valid for acceptance within 90 days of the date noted on the first page.

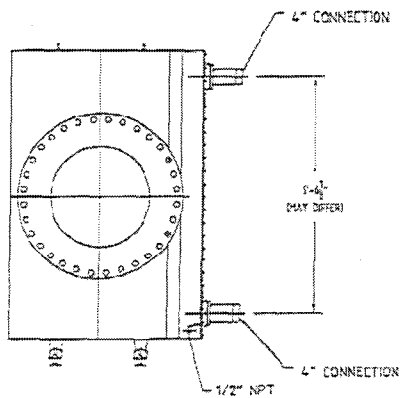
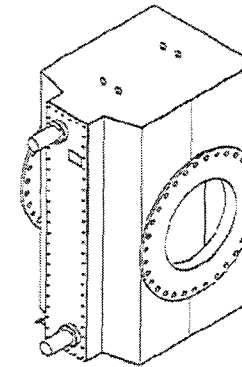
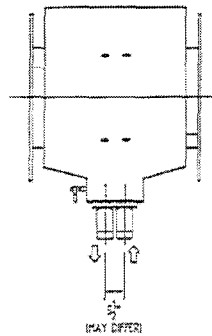
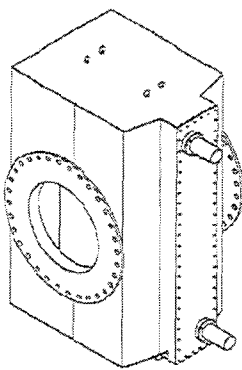
For further details or questions regarding this proposal, please feel free to contact me at 866-929-7773 or via email at cory.kopp@cleantekwater.com.

Best Regards,

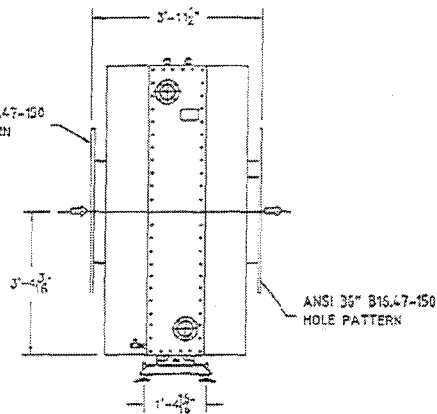
Cory Kopp
CleanTek Water Solutions



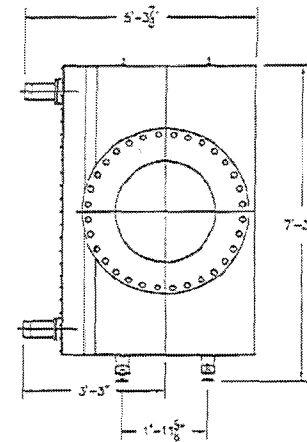
CleanTek WATER SOLUTIONS		6 Pine Tree Drive, Suite 100 Arden Hills, MN 55112 Tel: (650) 929-7773 www.CleanTekWater.com		THIS DRAWING IS PROVIDED ON A NON-PATENTED BASIS AND IS NOT TO BE USED IN ANY WAY OTHER THAN AS TO THE INTENT OF CLEAN-TEK WATER SOLUTIONS.	
		Title: GENERAL ARRANGEMENT DRAWING Project: HAW 706 10-10-3		Part #: Drawing #: 25-C000-005 Shc: 1 OF 1 Scale: 3/4"=1' REV: .	
Drawn by: AD Check by: DATE: 07/10/25 Approved by: DATE:	3rd Angle Projection				



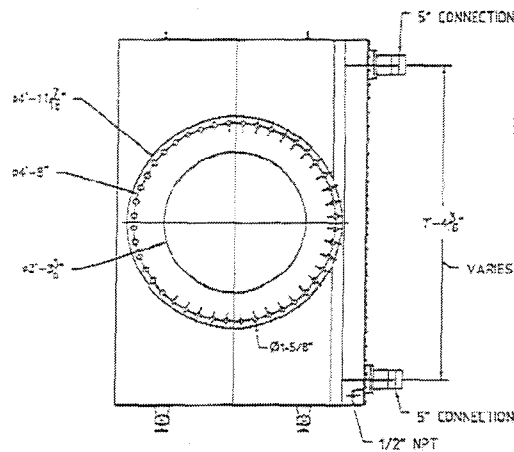
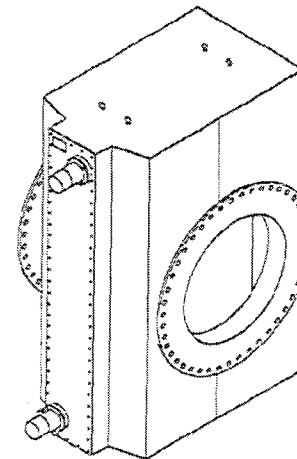
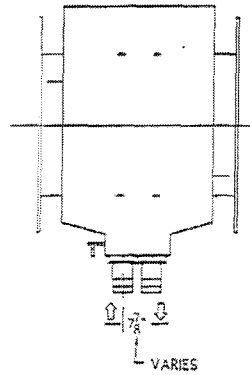
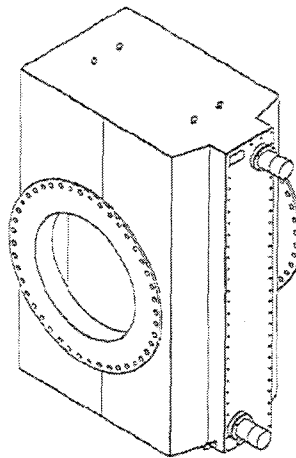
ANSI 35" B16.47-150
HOLE PATTERN



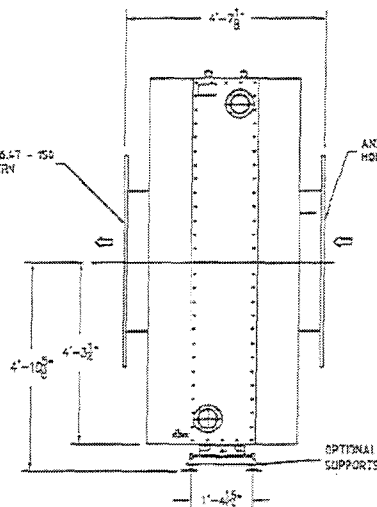
ANSI 35" B16.47-150
HOLE PATTERN



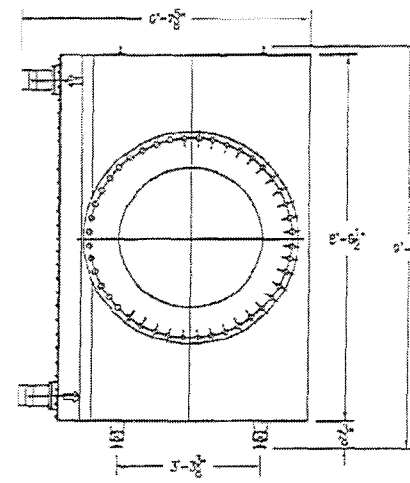
CleanTech WATER SOLUTIONS		6 Pine Tree Drive, Suite 100 Anten Hills, MN 55112 Tel: (800) 825-4773 www.cleantechwater.com		THIS DRAWING IS PROVIDED ON A NON-GUARANTEED BASIS AND IS NOT TO BE USED IN ANY MANNER CONSIDERING THE DESIGN OR SPECIFICATIONS OF CLEANTECH WATER SOLUTIONS.	
		Title: GENERAL ARRANGEMENT DRAWING HAW 700 15-15-3		Project:	
Drawn by: AD Date: 07/10/25 3rd Angle Projection		Part #:		Drawing #: 25-C000-005	
Approved by:		She: 1 OF 1		Scale: 3/4"=1' REV: -	



ANSI 48" B16.47 - 150
HOLE PATTERN



ANSI 48" B16.47 - 150
HOLE PATTERN



CleanTek WATER SOLUTIONS		1 Pine Tree Drive, Suite 100 Jordan Hills, NH 05012 Tel: (603) 229-7773 www.cleantekwater.com		THIS DRAWING IS PROVIDED BY A REGISTERED OWNER AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF CLEAN TEK WATER SOLUTIONS.	
		Title: GENERAL ARRANGEMENT DRAWING HAW1000 14263		Project:	
Drawn by: AP Date: 06/26/25 Approved by:		3rd Angle Projection		Part #: Drawing #: 25-0000-005 Sht: 1 OF 1 Scale: 3/4"=1' REV: -	

L LACKEBY

CleanTek
WATER SOLUTIONS

DESIGN

Lackeby Heat Exchanger Air/Water

Customer: HDR
Project Name: Tres Rios
Position: HEX 15

: Date: 5-7-2025
Revision: 6-12-2025

Configuration of Heat Exchanger

Air connection diameter 700mm
Material in casing 304SS

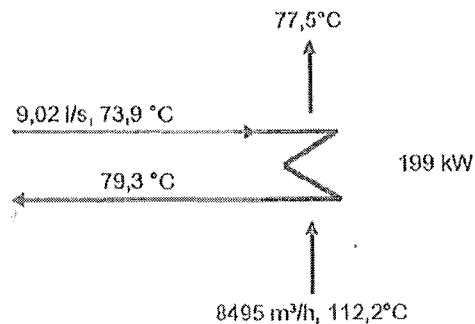
Model Name HAW 700

Air Side

Volume flow	8495 m ³ /h
Density	2,418 kg/m ³
Temperature In	112,2 °C
Pressure	200 kPa
Face velocity	1,3 m/s
Temperature Out	77,5 °C
Pressure drop	83 Pa
Power	198,91 kW

Water Side:

Flow	9,0 l/s
Glycol volume	0 %
Density	1 kg/dm ³
Temperature In	74 °C
Temperature Out	79 °C
Velocity	1 m/s
Pressure drop	4 kPa
Pressure drop	0,4 mvc





DESIGN

Lackeby Heat Exchanger Air/Water

Customer: HDR
Project Name: Tres Rios
Position: HEX 19

: Date: 5-7-2025
Revision: 6-12-2025

Configuration of Heat Exchanger

Air connection diameter 700mm
Material in casing 304SS

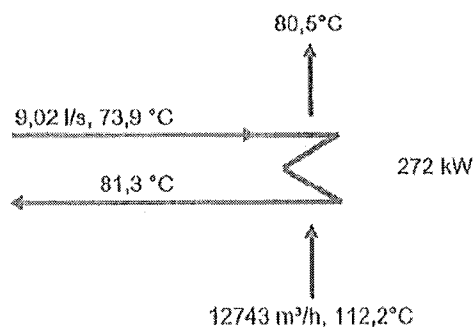
Model Name HAW 700

Air Side

Volume flow	12743 m ³ /h
Density	2,418 kg/m ³
Temperature In	112,2 °C
Pressure	200 kPa
Face velocity	1,9 m/s
Temperature Out	80,5 °C
Pressure drop	161 Pa
Power	272,32 kW

Water Side:

Flow	9,0 l/s
Glycol volume	0 %
Density	1 kg/dm ³
Temperature In	74 °C
Temperature Out	81 °C
Velocity	1 m/s
Pressure drop	4 kPa
Pressure drop	0,4 mvc



LACKEBY PRODUCTS AB

Kalmar, Head office
Kungälv

Torsåsgatan 5F · SE-392 39 Kalmar · Sweden · Phone +46 460 770 100
Bullgatan 2B · SE-442 40 Kungälv · Sweden

www.lackeby.com
Info@lackeby.se



DESIGN

HAW Heat Exchanger Air/Water

Customer: HDR
Project Name: Tres Rios
Position: HEX 29

Configuration of Heat Exchanger

Air Connection Dia 1000mm
Casing Material 304SS

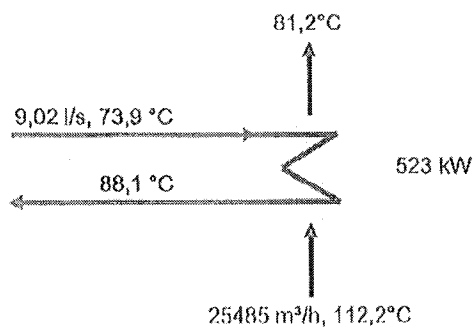
Model Name HAW 1000

Air Side

Volume flow	25485 m ³ /h
Density	2,38 kg/m ³
Temperature In	112,2 °C
Pressure	200 kPa
Face velocity	2,1 m/s
Temperature Out	81,2 °C
Pressure drop	238 Pa
Power	523,26 kW

Water Side:

Flow	9,0 l/s
Glycol volume	0 %
Density	1 kg/dm ³
Temperature In	74 °C
Temperature Out	88 °C
Velocity	1 m/s
Pressure drop	8 kPa
Pressure drop	0,8 mvc



Tres Rios WRF GMP3 - PONDUS & Waste Heat Recovery
 7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Sent proposal: \$320,500

Submitted Aug 8, 2025 at 11:20 AM PDT

CleanTek Water Solutions

6 Pine Tree Drive, Suite 190, Arden Hills, MN 55117, United States of America

Cory Kopp | +1 866-929-7773 ext. 1 | +1 952-250-3851 | cory.kopp@cleantekwater.com

Line Items

Description	Quantity	Unit Cost	Total Cost
34-PA-HEX-15	1	x \$97,500 /each	\$97,500
34-PA-HEX-19	1	x \$97,500 /each	\$97,500
46-PA-HEX-29	1	x \$125,500 /each	\$125,500
Base Bid			\$320,500

Alternates

Final top coating(s) of product and color selected by Engineer & Client (assume a high solids epoxy)

If final product is to be shipped from overseas, provide Marine Cargo Insurance Cost (All Risk) \$0

General Acknowledgments

PROPOSAL VALIDITY:

Bidder's proposal is valid for 90 days from the submission date. Yes

ESCALATION:

Bidder has included all material and labor escalations through completion of scope of work. (If "NO" enter annual escalation rate below) No

What is Bidder's annual material and/or labor escalation rate. (Mark "N/A" if answer above is "YES") 3%

GENERAL BIDDER ACKNOWLEDGEMENTS:

Bidder is currently licensed to perform work in the State of Arizona in compliance with the Arizona Administrative Code? No

Bidder is aware of site access conditions, including wait times and delays as described in the contract, and has included these costs in their quotation. Yes

Bidder has read and confirms its proposal complies with the Instructions to Bidders. Yes

Bidder has read and confirms its proposal complies with the Scope of Work. Yes

Bidder has read and confirms its proposal complies with the Project's Plans and Specifications provided. Yes

Bidder has read and confirms its proposal complies with all scope-specific testing, inspections, as required by contract documents and specifications provided. Yes

Bidder has read and confirms its proposal complies with the Project's Health and Safety and Environmental Plans. Yes

If work is awarded to Bidder, Bidder agrees to enter into a mutually agreed upon Contract. Yes

Bidder agrees to the terms and conditions on the sample Agreement provided for this scope. If answer is no, list exceptions below or include separately attached list of exceptions. No

If answer was "no" above, list any exceptions to the Agreement. See attached proposal. Sample agreement not provided.

Bidder's warranty complies with the project requirements. Yes

Bidder has included all applicable taxes in the proposal price. No

Tres Rios WRF GMP3 - PONDUS & Waste Heat Recovery
7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Bidder has included costs for all licenses and fees required to perform the Scope of Work.

No

Is Bidder furnishing any permanent materials as a part of the Scope of Work?

Yes

If Bidder is furnishing permanent materials as a part of the Scope of Work, are delivery costs included and compliant with the freight term of the Instructions to Bidders document?

Yes

RFP AMENDMENTS AND REVISIONS:

Bidder acknowledges receipt of all Owner issued amendments (enter highest amendment sequence).

All that we are aware of.

Bidder acknowledges that bid is based on "Scope of Work" revision number (enter document revision number).

0

Bidder acknowledges that bid is based on "Instructions to Bidders" revision number (enter document revision number).

0

LEAD TIME, SHIPPING, AND SCHEDULE (Mark "N/A" if not applicable):

Lead Time - Drawings, Include 2-weeks for drawing approval (After Received Order)

5 weeks

Lead Time - 1st Delivery of Equipment/Material to the Project Site (After Received Approved Design)

22 weeks

Lead Time - Last Delivery of Equipment/Material to the Project Site (After Received Approved Design)

26 weeks

For permanent material, where is the material manufactured?

Sweden

For permanent material, what are the shipping origins?

Sweden

For permanent material, what are the shipping methods involved (Ship, Rail, Truck, etc.)?

Ship, rail, and truck

For Subcontracts, how many hours per day is Bidder's proposal based on?

NA

For Subcontracts, how many hours per week is Bidder's proposal based on?

NA

For Subcontracts, is Bidder's proposal based on Union or Non-Union labor?

NA

SITE-SPECIFIC REQUIREMENTS (Mark "N/A" if not applicable):

Safety Training and Orientation is included in the proposal price.

NA

Background checks are included in the proposal price.

NA

Employee drug screening costs are included in the proposal price.

NA

Bidder has included pricing based on the work hours and calendar restrictions shown in contract documents

No

INSURANCE AND QUALITY:

Bidder has read and confirms it can comply with the Project Insurance requirements stated in the Project Documents provided.

No

Bidder has included all additional costs necessary to comply with the Project Insurance requirements.

No

If Bidder will incur additional costs to comply with the Project's Insurance requirements, Bidder has provided that cost separately in its proposal.

No

Does Bidder have a written Quality Assurance program?

Yes

Does Bidder have a written Safety Program?

Yes

AUTHORIZED COMPANY REPRESENTATIVE SUBMITTING THIS BID:

Company Authorized Representative (Name, Title)

Cory Kopp - President

By acknowledging "Yes" to this statement, Bidder represents that a duly authorized representative, capable of entering into a legally binding agreement and authorized to submit this bid, is the individual submitting this bid.

Yes

BIDDER CONTACT INFORMATION:

Bidder Company Name (Legal Name)

Cleantek Water Solutions

Address (Street, City, State, Zip)

6 Pine Tree Drive, Suite 190

Bidder Contact Name (for questions regarding this proposal)

Cory Kopp

Tres Rios WRF GMP3 - PONDUS & Waste Heat Recovery
7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Contact Email

cory.kopp@cleantekwater.com

Contact Phone

866-929-7773

Bond Information

Is Bidder currently able to Bond or provide an Irrevocable Letter of Credit?

Yes

If unable to provide form of security or providing a form of security is not applicable to the scope of work, please explain.

If Yes, Enter Bond Rate.

2.75

%

If Yes, Enter Bond Limit.

Certifications

Is bidder registered as Small Business Enterprise (SBE)?


No

If yes, please provide the certifying agency and relevant certification #, as applicable. (Enter N/A if not applicable) NA

Disclaimers and Clarifications

Did package documents (electronic) including applicable plans and technical specifications are included in this specific bid package under the FILES tab.

Attachments

 Air-Water Heat Exchanger Proc. (2.1 MB)

Quotation Analysis Cover Sheet

Quote Taker: CYPANT WENST Quote Group: 5.9001 CHOSIC HMP SKEB
 Project Name: TRYS RACE GMP 3 Vendor Contact: JOSEPH HUGHES
 Vendor Name: CNP Vendor Phone: (202) 716-9949
 Union: Yes / No (N/A) (circle) DIR No. & Exp Date (for CA Subcontractors): N/A
<https://www.dir.ca.gov/public-works/contractors.html>
 Specified Supplier? (Yes / Or Equal / N/A (circle) License No. & Exp Date: N/A
 CA Contractors License Search: www.cslb.ca.gov/online-services
 HI Contractors License Search: mypldcca.hawaii.gov/public-license-search

Analysis:

INCLUDED AS OPTION PRICE FOR SCOPE OF WORK OF
 GMP 2 EQUIPMENT, BUT NOT ACCOUNTED FOR IN GMP 2

168,508

1.8% ESCALATION = \$1,233

\$69,741

Contract Amount without
 Escalation: \$68,508

Subtotal: \$69,741 Listing Amount: N/A
 Tax: % xBE Amount: N/A
 Bond: % Type of xBE: N/A
 Special Conditions: xBE Certs Attached? (circle): Yes / No / N/A
 Quoted Total: \$69,741 Certifying Agencies (circle): Caltrans / Metro / SBA
 Comparable Total: LABAVN / Other:
 (If different from Quoted Total)

Description	Quantity	UOM	Unit Price	Extension	Split (Y/N)

Does unit price include FOB Jobsite (circle)? Yes / No / N/A
 Is quotation valid for 90 days (circle)? Yes / No
 Is escalation included in the unit prices (circle)? Yes / No / N/A
 All addendums acknowledged - 1 through (circle)? Yes / No
 Project specific Safety Form attached (circle)? Yes / No / N/A
 Project specific xBE Form attached (e.g. 4500-3, etc.) (circle)? Yes / No / N/A
 Lead time for materials or equipment: weeks



CNP's Scope of Supply

- a. One (1) Hydrolysis Reactor including stairs and platforms to be installed by Kiewit after Kiewit insulates the Reactor.
- b. Four (4) Hot Water Heat Exchangers
- c. Four (4) 40 HP Hydrolysis Recycle Pumps
- d. Two (2) 25 HP Hydrolysis Reactor Discharge/Transfer Pumps
- e. Four (4) 5 HP Hot Water Supply Pumps
- f. Four (4) Three Way Valves
- g. One (1) Hydrolysis Control Panel with PLC, and an operator interface terminal.
- h. Four (4) VFD's to be installed by Kiewit in LCP-901 for the 40 HP Hydrolysis Recycle Pumps
- i. Two (2) VFD's to be installed by Kiewit in LCP-902 for the 25 HP Hydrolysis Reactor Discharge/Transfer Pumps
- j. Four (4) VFD's to be installed by Kiewit in LCP-903 for the 5 HP Hot Water Supply Pumps
- k. Instrumentation (See attached list)
- l. Spare Parts
- m. Start-Up Assistance and Training

Optional Equipment (from Material Contract)

B. OPTION PRICING

Each unit adjustment price is the total cost of the specific unit of Work to be billed to Contractor for additions or to be deducted from the Agreement Price for deletions. Each unit price is a firm price, includes furnishing complete the specific unit designated, and includes all associated engineering and design costs and overhead and profit markup.

Item #	Description	QTY	UOM	Unit Price
1	1 Year Warranty Extension (2 years total from Substantial Completion)	1	EA	\$28,413.00
2	Additional Recirculation Pump	1	EA	\$116,775.00
3	Additional Hot Water Centrifugal Pump	1	EA	\$8,564.00
4	Additional 3-Way Valve	1	EA	\$6,228.00
5	Duplex Chemical Feed Skid	1	EA	\$68,508.00

* Prices are valid if included with Material Contract. Prices subject to change if not included in Material Contract



Contract Amount without
Escalation: \$1,629

Descriptions	Qty	Unit	Alta	
			Unit Cost	Costs
Labor				
Project Manager	192	HR	\$165.00	\$31,680.00
Professional Engineer	52	HR	\$190.00	\$9,880.00
Office Administration	55	HR	\$59.00	\$3,245.00
Material Technician	92	HR	\$68.00	\$6,256.00
Certified Welding Inspector	176	HR	\$115.00	\$20,240.00
Special Inspector	152	HR	\$92.00	\$13,984.00
				\$0.00
				\$0.00
Subtotal - Labor				\$85,285.00
Lab Testing				
Compressive Strength Test	45	EA	\$22.00	\$990.00
Sieve Analysis - Fine	10	EA	\$85.00	\$850.00
PI Test, Dry Prep	10	EA	\$85.00	\$850.00
Proctor Test	10	EA	\$160.00	\$1,600.00
Drill AC Core	5	EA	\$45.00	\$225.00
Core Bulk Specific G/Thickness	5	EA	\$54.00	\$270.00
				\$0.00
				\$0.00
Subtotal - Lab Testing				\$4,785.00
Total				\$90,070.00

Alta Environmental

Contract Amount without
Escalation: \$90,070



**ENVIRONMENTAL &
INFRASTRUCTURE**

1800 West Broadway Road, Suite 5
Tempe, AZ 85282

2025 West Ruthrauff Road, Suite 125
Tucson, AZ 85705

Alta E&I Unit Rates - 2026

Charges will be made at the following unit rates for all project-related time, including travel (port-to-port).
Overtime is calculated over eight hours daily and for services on Saturday, Sunday, or Holidays.

Senior Principal	\$220.00
Associate Principal	\$200.00
Professional Engineer/Surveyor	\$190.00
Dept Manager/Senior Project Manager	\$165.00
Senior Designer/Senior CAD Technician	\$145.00
EIT/LSIT	\$132.00
CAD Technician	\$125.00
Project Coordinator	\$115.00
3 Person Survey Crew	\$242.00
2 Person Survey Crew	\$211.00
1 Person Survey Crew	\$158.00
Special Inspector - Welding	\$115.00
Special Inspector	\$92.00
Field Supervisor - CMT	\$85.00
Senior Field Technician - CMT	\$78.00
Field Technician - CMT	\$68.00
Administration	\$59.00
Mileage, per mile	\$1.00

Direct expenses including but not limited to; meals and lodging, long distance telephone, faxes, expedited shipping, printing, copying, submittal, review and permitting fees and title reports, will be billed with a 15% markup and are not included in our lump sum or hourly fees unless the contract specifically states that they are included. Hourly Rates for any staff positions not listed are available upon request.

Laboratory Unit Rates - 2026

Soil and Rock

Moisture-Density (Proctors)	Standard (ASTM D698 A, B)	\$130.00
	Modified (ASTM D698 C)	\$160.00
Sieve Analysis	Full Sieve Analysis, Coarse & Fine (ASTM C136 & C117)	\$85.00
	-#200 Fraction Only (ASTM D1140)	\$65.00
	Coarse Only	\$70.00
	Hydrometer (ASTM D422)	\$242.00
Atterberg limits (ASTM D4318)	Dry Preparation	\$85.00
	Wet Preparation	\$158.00
Consolidation (ASTM D2435)	Up to 16 tsf (no time rate of consolidation)	\$220.00
Moisture Only (ASTM D2216)		\$20.00
Expansion Index (ASTM D4829)		\$175.00

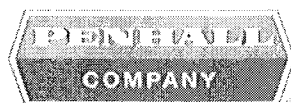


**ENVIRONMENTAL &
INFRASTRUCTURE**

1800 West Broadway Road, Suite 5
Tempe, AZ 85282

2025 West Ruthrauff Road, Suite 125
Tucson, AZ 85705

Laboratory Unit Rates - 2026	
Soil and Rock - Cont.	
Undisturbed Moisture/Density (ASTM D2937)	\$42.00
Specific Gravity (ASTM C127/C128)	\$85.00
pH & Resistivity (AZ 236)	\$168.00
Hydrometer, Double (ASTM D4221)	\$498.00
Sand Equivalent (ASTM D2419)	\$70.00
% Organics (ASTM D2974, Method "C")	\$85.00
R Values (ASTM D2844)	\$412.00
Direct Shear (ASTM D3080)	\$541.00
Sulfate Contents (AZ 2733)	\$45.00
Chloride Contents (AZ 2733)	\$45.00
Concrete	
Compression Tests (ASTM C39)	
Concrete Cylinder per specimen	\$22.00
Set of 6 Concrete Cylinders	\$132.00
Soil Cement Specimens (each)	\$65.00
Concrete & Rock Cores	\$45.00
Asphaltic Concrete	
Ignition & Gradation of Bituminous Mixtures (ASTM D2171)	\$147.00
Marshall Bulk Density (Specific Gravity) (ASTM D2726), each	
Field Sample (lab compacted)	\$152.00
Cores	\$35.00
Maximum Theoretical Specific Gravity, Rice (ASTM D2041), each	\$163.00
Uncompacted Void Content (ASTM C1252)	\$80.00
Gyratory Compaction (ASTM D6925)	\$130.00
Sample Pickup (N/C while technician on site full-time)	
Asphalt Core, each	\$45.00
Unit Weight, each	\$32.00
Thickness, each	\$22.00
Ignition Calibration Factor	\$500.00
Tensile Strength Ratio (Bulk Sample), each (ASTM D4867)	\$639.00
Tensile Strength Ratio (Lab Mixed), each (ASTM D4867)	\$896.00



Concrete Sawing, Drilling, Scanning and Breaking

PROPOSAL

Date: 8/8/25 Phone: 623-208-1932
Attention: Jack Hanley / Brendan Kim Quote: MS25-219
Company: Kiewit Email: Jack.hanley@kiewit.com Brendan.kim@kiewit.com
Re: Tres Rios Biosolids Tucson AZ

Thank you for the opportunity to submit this proposal for your consideration. I have listed below a scope of work outlining what is included in the quoted price. Please feel free to contact me with any questions. Penhall Company proposes to furnish labor and equipment to:

DESCRIPTION	IN/FT	SF	THICKNESS	EA	PER	AMOUNT
Mobilize to site				1	\$300.00	\$300.00
4" deep asphalt sawing	2,900				\$.30	\$870.00
16" tall vertical curb cuts				6	\$30.00	\$180.00
12" diameter cores through 8" CMU wall				2	\$300.00	\$600.00
Environmental						\$195.00
Total: \$2,145.00						

GPR Scanning of the concrete is recommended and is available from Penhall for an additional charge of \$165.00/hr. Hourly rate will be charged for all time on site and travel from and to our local branch office. Orientation, badging and drug testing, parking fees, permitting, utility location, call before you dig, temporary walls and barricades, bonding, liquidated damages, retainage, layout, cleaning and power washing are all excluded. The price is based on one mobilization only and continuous, clear and unobstructed access to the work. If the scope changes or quantity, dimensions or thickness exceed those qualified herein, additional charges will apply. The Proposal Price does not include sales tax, use tax, excise tax, business tax, or other similar taxes or duties. Customer shall pay all such taxes in addition to the Proposal Price, or, alternatively, shall provide Penhall with acceptable proof of tax exemption. Customer understands and agrees that Penhall's Standard Terms and Conditions (which are available on Penhall's website (www.penhall.com/us/standard-terms-conditions) or by request) are incorporated by reference into this Proposal and shall apply, in addition to the terms of this Proposal, to all transactions between Customer and Penhall related to this Proposal. A 2% Environmental Fee will be added to all invoices.

PROPOSAL IS BASED ON THE EXCLUSIONS AND CONDITIONS BELOW. PLEASE READ CAREFULLY

Additional charges will apply with change of conditions.

- Price based on normal working hours, add 20% for shift work.
- Layout by others prior to Penhall arrival
- Temporary partitions, fences, barricades, and traffic control provided by others.
- Customer to provide escort as needed to access work area
-
-

Contract Amount without
Escalation: \$2,145

Please sign and e-mail to msmith@penhall.com upon acceptance. A signed proposal is required prior to Penhall mobilization.

Accepted by:		Submitted by:	Michael Smith
Title:			for Penhall Company, Inc.
Company:	Kiewit	Cell Number:	520-405-1827
Date:		Date:	8/6/25

MECHANICAL PERMANENT MATERIAL TOP SHEET

DESCRIPTION **Insulation**JOB **NEXT PROJECT**

C	Insulation	NAME	Farwest Insulation Contracting			
		PHONE	520-624-1033			
		CONTACT	Michael Basinger			
		EMAIL	mbasinger@farwestinsulation.com			
		CELL	602-881-0080			
		Notes				
		SOLICITATION STATUS				
		Date:				
SPEC SECTION	DESCRIPTION	SIZE	QUANT	UN	UP	TOTAL
	Insulation					
13/ 23 07 00	2" thick Fiberglass w/ ASJ vapor barrier and .016 Aluminum jacket		1	PLS	\$ 663,620.00	\$ 663,620.00
	Labor					
	Subsistence					
	Equipment					
	PONDUS Piping					INCL
	WHR Piping					INCL
	PONDUS Hydrolisis Tank					INCL
	Heat Exchanger Support					\$ 2,500.00
	Escalation					\$ 10,000.00
	Lead Time					
	HOLD PRICE THROUGH 90 DAY AWARD PERIOD				30 Days	
	PER PLANS AND SPECS				YES	
	FOB JOBSITE - add money if necessary					INCL
	Addenda #1 through #					
	SubTotal					\$ 676,120.00
	Bond					\$ 9,954.00
	Special Conditions					
Spreadsheet Total						\$ 686,074.00
		Company				
		Address				
		Email				
		License #				
		DIR #				

Contract Amount without
Escalation: \$676,074



FARWEST INSULATION CONTRACTING

QUOTATION

3171 E. District St. Tucson Az. 85714
Office: 520-624-1033
Cell: 602-881-0080
Arizona License: ROC 201015

Contact: Michael Basinger
Title: Branch Manager
E-mail: mbasinger@farwestinsulation.com

Michael Basinger

AZ LIC. #: ROC 201015

Contractor: Kiewit	Preliminary 90% drawings	
JOB NAME: Tres Rios PONDUS and Waste Heat Recovery		MN-1040/1041
LOCATION: 7101 N Casa Grande Hwy, Tucson AZ 85743		PN-Q1001277
PLAN DATE: 08.08.25	BID DATE: 08.08.25	

Over View:

Provide material and Labor to insulate the specified duct and pipe and equipment per the following:
Mechanical Specification-PONDUS Specs. 40 00 13/46 72 00/23

Quote is based on the following drawings dated 08/25-Preliminary 90% Drawings

SCOPE OF WORK:

•Process piping- Heating Systems (HWS/HWR) and Hydrolized Thicken Waste Activated Sludge (HTWAS)

Piping exposed to weather- 2" thick Fiberglass pipe insulation with ASJ vapor barrier and a .016 Aluminum jacket with a smooth mill finish banded in place.

•Heat exchangers will be insulated with 2" thick Fiberglass duct board with a .020 Aluminum smooth mill finish.
Any sub grillage or welding required for attaching insulation system to exchangers will be done by others.

PONDUS-	Heating Hot Water-	\$92,920.00
	Hydrolized Thicken Waste-	\$180,740.00
	Heat Exchangers-	\$24,360.00
Heat Exchanger Efficiency-		
	Heat Exchanger Hot Water-	\$260,000.00
	Process Air Duct-	\$129,960.00

TOTAL AMOUNT OF QUOTE: \$688,000.00

PLUS PERFORMANCE & PAYMENT BONDS (ADD 1.5% IF APPLICABLE)

EXCLUSIONS:

Heat Tracing	Premium Time & Shift Work
Paint, Sizing, Identification	Sealing Of Pipe And Ducts Thru Walls
	Fire safing and stopping

Below grade pipe insulation excluded

No Pre-cleaning or prepping of pipe or duct prior to insulation application. Quote based on a clear and unobstructed access to pipe or duct.
*** Price Break down is for accounting purposes only*** *** Material Tax Included***

QUOTATION IS SUBJECT TO CHANGE AFTER 30 DAYS OF BID DATE

THIS MUST BE SIGNED BEFORE PROCEEDING

This quote is accepted, please proceed with the above work.

Date: _____

Authorized Signature: _____

Purchase Order or Contract Number: _____

8/19

Remove
- provided by CNB
per discussion
w/ Joe Hughes.
- Watson Marlow
pump.
- peristaltic -

Tres Rios WRF GMP3 - PONDUS & Waste Heat Recovery
7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Sent proposal: \$22,773

Submitted Aug 18, 2025 at 11:26 AM MST

ISX Construction, LLC

3210 West El Camino Del Cerro, Tucson, AZ 85745, United States of America

Rob Presuhn | Chief Estimator | +1 520-904-3235 | rob.presuhn@isx-inc.com

Line Items

Description	Quantity	Unit Cost	Total Cost
AC Paving - Mobilization			\$3,148
AC Paving - 4" thickness	157	* \$115 /square yard	\$18,055
AC Paving - Prime Coat	157	* \$10 /square yard	\$1,570
Base Bid			\$22,773

Contract Amount without
Escalation: \$24,638

Alternates

Supply Only Asphalt Concrete - Hot Mix 50 tons	50	* \$309 /each	\$15,450
--	----	---------------	----------

Enter total escalation associated with commodities for 2026

+ \$683

\$23,456

334

23,620

947-Yes

\$24,637.00
Yes

Bond @ 1%

Insurance @ 4%

3%

General Acknowledgments

PROPOSAL VALIDITY:

Bidder's proposal is valid for 90 days from the submission date.

ESCALATION:

Bidder has included all material and labor escalations through completion of scope of work. (If "NO" enter annual escalation rate below)

What is Bidder's annual material and/or labor escalation rate. (Mark "N/A" if answer above is "YES")

GENERAL BIDDER ACKNOWLEDGEMENTS:

Bidder is currently licensed to perform work in the State of Arizona in compliance with the Arizona Administrative Code? Yes

Bidder is aware of site access conditions, including wait times and delays as described in the contract, and has included these costs in their quotation. Yes

Bidder has read and confirms its proposal complies with the Instructions to Bidders. Yes

Bidder has read and confirms its proposal complies with the Scope of Work. Yes

Bidder has read and confirms its proposal complies with the Project's Plans and Specifications provided. Yes

Bidder has read and confirms its proposal complies with all scope-specific testing, inspections, as required by contract documents and specifications provided. Yes

Bidder has read and confirms its proposal complies with the Project's Health and Safety and Environmental Plans. Yes

If work is awarded to Bidder, Bidder agrees to enter into a mutually agreed upon Contract. Yes

Bidder agrees to the terms and conditions on the sample Agreement provided for this scope. If answer is no, list exceptions below or include separately attached list of exceptions. Yes

If answer was "no" above, List any exceptions to the Agreement. N/A

Bidder's warranty complies with the project requirements. Yes

Bidder has included all applicable taxes in the proposal price. Yes

Tres Rios WRF GMP3 - PONDUS & Waste Heat Recovery

7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Bidder has included costs for all licenses and fees required to perform the Scope of Work. Yes

Is Bidder furnishing any permanent materials as a part of the Scope of Work? Yes

If Bidder is furnishing permanent materials as a part of the Scope of Work, are delivery costs included and compliant with the Freight term of the Instructions to Bidders document? Yes

RFP AMENDMENTS AND REVISIONS:

Bidder acknowledges receipt of all Owner issued amendments (enter highest amendment sequence). Rev #3

Bidder acknowledges that bid is based on "Scope of Work" revision number (enter document revision number). Rev #3

Bidder acknowledges that bid is based on "Instructions to Bidders" revision number (enter document revision number). Rev #3

LEAD TIME, SHIPPING, AND SCHEDULE (Mark "N/A" if not applicable):

Lead Time - Drawings, include 2-weeks for drawing approval (After Received Order) N/A

Lead Time - 1st Delivery of Equipment/Material to the Project Site (After Received Approved Design) N/A

Lead Time - Last Delivery of Equipment/Material to the Project Site (After Received Approved Design) N/A

For permanent material, where is the material manufactured? Tucson

For permanent material, what are the shipping origins? Tucson

For permanent material, what are the shipping methods involved (Ship, Rail, Truck, etc.)? Truck

For Subcontracts, how many hours per day is Bidder's proposal based on? 8

For Subcontracts, how many hours per week is Bidder's proposal based on? 40

For Subcontracts, is Bidder's proposal based on Union or Non-Union labor? Non-Union

SITE-SPECIFIC REQUIREMENTS (Mark "N/A" if not applicable):

Safety Training and Orientation is included in the proposal price. Yes

Background checks are included in the proposal price. Yes

Employee drug screening costs are included in the proposal price. Yes

Bidder has included pricing based on the work hours and calendar restrictions shown in contract documents Yes

INSURANCE AND QUALITY:

Bidder has read and confirms it can comply with the Project insurance requirements stated in the Project Documents provided. Yes

Bidder has included all additional costs necessary to comply with the Project insurance requirements. Yes

If Bidder will incur additional costs to comply with the Project's insurance requirements, Bidder has provided that cost separately in its proposal. Yes

Does Bidder have a written Quality Assurance program? Yes

Does Bidder have a written Safety Program? Yes

AUTHORIZED COMPANY REPRESENTATIVE SUBMITTING THIS BID:

Company Authorized Representative (Name, Title) Rob Presuhn / Manager

By acknowledging "Yes" to this statement, Bidder represents that a duly authorized representative, capable of entering into a legally binding agreement and authorized to submit this bid, is the individual submitting this bid. Yes

BIDDER CONTACT INFORMATION:

Bidder Company Name (Legal Name) iSX Construction, LLC

Address (Street, City, State, Zip) 5800 W. Arizona Pavilions Dr. #2398,
Tucson, AZ 85652

Bidder Contact Name (for questions regarding this proposal) Rob Presuhn

Tres Ríos WRF GMP3 - PONDUS & Waste Heat Recovery
7101 North Casa Grande Highway, Tucson, AZ 85743, United States of America

Contact Email rob.presuhn@isx-inc.com
Contact Phone 520-904-3235

Bond Information

Is Bidder currently able to Bond or provide an Irrevocable Letter of Credit? Yes
If unable to provide form of security or providing a form of security is not applicable to the scope of work, please explain.
If Yes, Enter Bond Rate. 1 %
If Yes, Enter Bond Limit. \$20,000,000

Certifications

Is bidder registered as Small Business Enterprise (SBE) Yes
If yes, please provide the certifying agency and relevant certification #, as applicable. (Enter N/A if not applicable) City of Tucson / Pima County

Disclaimers and Clarifications

Bid package documents (electronic) including applicable plans and technical specifications are included in this specific bid package under the FILES tab.



08/08/2025

MP Concrete LLC
8571 W. Pelican Place
Tucson, AZ 85757
(480)651-5331
ROC # 345704

Re: Kiewit
Project name: Pima County Wastewater Reclamation
Address: 5025 W. Ina RD. Tucson, AZ 85743

MP Concrete LLC. Here by Propose to finish all labor and matters the completion of your project identified above as per following condition.

Base Bid Includes:

Unit

1. Concrete Vertical Curb

+/- 225 FT

MP Concrete LLC is responsible for providing supervision for labor, tools and equipment

Only for my scope of work

Total: \$8,600.00

Grand total: \$ 8,600.00

If you have any questions or need additional information on the above, please

Feel free to email/ call me. Thank you.

+ CONCRETE \$2,000
+ PONDUS FINISHING \$1,000
\$11,600

Sincerely,

Sergio Arvizu

Contract Amount without
Escalation: \$11,600

Bid Proposal



PO Box 6520
Phoenix, AZ 85005
(888) 70-REBAR
Lic No: AZ ROC #296786

Proposal No: **250701-R1**
Proposal Date: **08/13/2025**

This proposal is valid for
10 days from date shown above.

SECTION I - GENERAL INFORMATION

Proposal to: **Kewit**
Attn: **Minsang Lim**

Project Name: **Tres Rios WRF Pondus & Dewatering**
Ref. No.: **CWW.3TRCAB**
7101 N Casa Grande Hwy
Tucson, AZ 85743

Dwgs Quoted: Index to Drawings per sheet 90-G-001
Preliminary 90% Progress Submittal - dated June 2025
Specs: Used Plans
Addendums: None

SECTION II - SCOPE OF WORK

> Concrete Deformed Reinforcing Steel Detailed, Furnished & Installed per ACI & CRSI Standards.

SECTION III - PRICES

SUPPLY & INSTALL

Bid Item	Description	Quantity	Unit	Unit Price	Extended
1	Furnish & Install Reinforcing Steel - PONDUS (items 3 thru 9)	1	LS	\$39,043	\$39,043.00
2	Ductbank Reinforcing Steel - 162 LF (4,180 LBS), (items 10 thru 14)	162	LF	\$30.96	\$5,015.52
3	Furnish Pre-Tied Drilled Shaft Cages - 19 total (item 16)	45 49 EA	EA	\$413	\$7,847.00
Grand Total=					\$51,905.52 \$18,585

Notes:

1. Taxes are Excluded from prices shown.
2. Prices shown are for the complete project and no single bid item price or group of bid item prices are valid alone without the consent of the Seller.

+ 2% bond
+ escalation

\$62,643.52
\$69,896.39

SECTION IV - SPECIAL CONDITIONS, EXCLUSIONS AND/OR CLARIFICATION FOR THIS PROJECT

- 1 Prices are based on a StartDate of not later than 08/18/25 and shall remain valid through 02/27/26. Any material shipped AND/OR installed after that date will be subject to and increase of \$40.00/ton every 2 months.
- 2 Prices based on 2 truck load(s) of material to jobsite. Additional load(s) will be at \$650.00 per load. Truck Loads are based on 32,000 lbs per Load. Reduction in weight on loads will be an Extra to Contract.
- 3 Only the items and quantities listed under Section III are included in this proposal; any other is Excluded
- 4 Proposal based on Prevailing Wages: No
- 5 The entire package will be deliver in (2) loads max.
- 6 The customer is responsible for doing a quick inventory once the load is received and claim any shortage within 24 hours after the load is on site
- 7 *Revised quote, based on the customer scope of work itemized list
- 8 Assumptions: 1) Pondus, footings for pipe bridge, pad for electrical outdoor, and dewatering & energy efficiency, are included under item #1, 2) the item #3 drill shaft cages will be pre-tied on site
- 9 ***To extend the time frame through 02/2026. The unit price was updated to anticipate any rebar increase during the remaining 2025, due the market has increased 4 times already during 2025.

Contract Amount without
Escalation: \$68,896

SECTION V - CONTRACTOR TO PROVIDE AT NO COST TO SELLER

1. All lines, grades, racks, forms, layout and rigid templates accurately in place before installation, except those forms or other materials that will hinder the installation.
2. Firm, level, subgrade at elevation shown on drawings including all levels, datum lines, elevations, openings and dowel outs for concrete &/or masonry.
3. Clear access roads & ramps for unloading of trailer/truck deliveries to within 50 feet of point of installation, and reasonable storage and lay-down areas.
4. Cages for drilled piers, shafts, caissons, and light pole standards will be tied and stockpiled by Subcontractor.
5. Suitable equipment fully operated for hoisting/lowering reinforcing steel, personnel, wire mesh, etc, including unloading trucks, staging of reinforcing to points of installation (into foundations, and onto elevated decks, etc) setting columns, wall cages and/or any other pre-tied assemblies including power placing of individual bars as required.
6. Copies of all contract documents in quantities as reasonably requested.
7. Parking area and/or cost of parking for field crews and provide area for jobsite office including utility hookup.
8. Furnish design information, location of pour joints and construction schedules in sufficient time to allow for the preparation and approval of detail drawings plus a minimum of seven (7) working days for fabrication and delivery. 48 hours notice is required for cancellation of previously scheduled deliveries and two (2) weeks notice of job requirements.
9. This proposal is based on pouring the walls and top slabs in all reinforced concrete box culverts monolithically.
10. 24 hour notice for workman at jobsite and placement to be done on normal 8 hour shift excluding weekends and holidays.

SECTION VI - STANDARD EXCLUSIONS BY SELLER & FURNISHED BY BUYER

1. Cost of Inspections, crane inspections, testing, bonds, permits, penalties or Liquidated Damages.
2. Inserts, sleeves, rubatex, water stops, smooth dowels and /or dowel baskets, galvanized or epoxy coated dowels, threaded rebar, stud rails and placing of stud rails.
3. Cleaning, cutting, straightening, locating or rework of existing reinforcing steel, reinforcing extending from piles, or precast
4. Cutting, drilling of holes, grouting, field bending or dry-packing of reinforcing steel.
5. Burning, cutting, or drilling of structural steel/miscellaneous iron to pass reinforcing steel.
6. Protection and/or cleaning of others work, covering, painting, greasing or wrapping of reinforcing steel or smooth dowels.
7. Rebar Safety Caps or devices for covering rebar ends.
8. All welding and rebar welded to structural/miscellaneous iron.
9. Blocking, chairing, wrapping and/or pulling of welded wire fabric.
10. All dead men, cables, labor and engineering of system for guying of rebar, if required.
11. Cleaning of tie wire clippings, tags and other spoils from work areas, cost of dumpster and composite crew cleanup, except as mutually agreed.
12. Lines, grades, steel racks, templates, scaffolding, safety rails, work platforms & ramps, sanitary facilities and jobsite access to drinking water.
13. Removal, grinding &/or patching of staples, nails, bolts and/or any other device used for the placement of concrete reinforcing accessories.
14. Reinforcing for Anchor Points (and the Anchor Points) for Shotcrete, Precast, Closure Pours, Precast Connections and Prestressing Items.
15. Sand Plated Chairs.
16. Test bars and test couplers. (except those specifically called out in specs)
17. Adequate power and lighting when necessary.
18. Cost of reworking or replacing reinforcing steel damaged or lost due to flood, actions of buyer, other subcontractors or other acts of God.
19. Blocks, inspection tubes, wheels or spacers for clearances in drilled shafts or caissons.
20. Tie wire, accessories and field placing aids for F.O.B. materials.
21. Prevailing Wage Rates or Job Specific Labor Agreement Rates. Proposal based on Open Shop wages.
22. Design Engineering, Engineer stamping of drawings, Field Measurements and As-Built drawings.
23. Sitework, Masonry Rebar, Mock Ups, MSE Walls, Electrical Duct Bank, Equipment Pads, Pipe Encasement &/or Supports. (Unless specifically stated as included)
24. Supply & Installation of reinforcing for stair landings and treads.
25. Layout of TOW, TOF, EOW, expansion/construction joints, corners, doorways, blockouts and/or openings of any kind and Masonry Dowels.
26. Separate Pour Watchman, Fire Watchman, Safety Manager, QC Mgr, Traffic Control or Onsite Security.
27. Trim reinforcing for openings, penetrations, and inserts not specifically located on Structural Drawings.
28. Double handling costs, including costs to transport material from an unreasonably located area.
29. Unloading, handling &/or setting of FOB materials. (including Prebuilt Drilled Shaft Cages)
30. Dust control, Storm Water management and/or similar environmental programs.
31. Third party invoicing processing fees or enrollment in third party invoicing services.

32. Re-Detailing of shop drawings & reviewing/processing of changes will be at \$110.00/Hr.
33. Building Information Modeling (BIM), 3D Modeling and similar, unless specifically stated otherwise. (TRLLC retains ownership of any 3D model it creates)
34. Non-standard work week and/or special work hours. (This bid proposal based on M-F, 8hrs/workday, daylight hours, unless specifically stated otherwise.)
35. LEED (or similar) certification.

SECTION VII - TERMS AND CONDITIONS

1. **Terms of Sale:** Payment Terms - Subject to on-going credit approval: Net 30 days from date of invoice. Interest will be charged on all past due balances per the maximum rate allowed by law. Legal fees and costs will be paid as awarded to the prevailing party in the event of a legal dispute. Seller reserves the right to stop Work or demand security as required. Buyer agrees to pay Seller in accordance with the escalation policy as specifically identified in this proposal. "Work" is hereby defined as the performance of all work as listed above and included in any accepted Agreement, plus any changes, acceleration/out of sequence work, damages, escalation and costs incurred for the cause or benefit of Buyer or others.
2. **Acceptance:** Prices of individual bid items are subject to renegotiation if Buyer elects not to accept this complete proposal as presented. If Seller is requested to proceed with the work prior to the execution of a mutually agreed Contract, or if the work is completed prior thereto, the Terms and Conditions herein shall govern pending said Agreement. No assignment of this proposal shall be made without our prior written consent. We reserve the right to sublet portions of our Work.
3. **Schedule:** Seller's price is based upon detailing, fabrication, and placing on a normal 5-day, Monday to Friday, 40 hour work week, daylight hours unless explicitly noted on the face hereof. Performance will be based on bid documents as provided for tender and industry standards/CRSI. Schedule and schedule changes to be mutually agreed. Buyer to provide Seller (48) hours' notice of cancellation or modifications to schedule deliveries, Buyer agrees to provide adequate notice for workmen required at the jobsite and sufficient work for at least one full shift. Detailing submittals will be sequenced in a manner appropriate to the construction schedule. Working schedules to be made by mutual agreement of the Contractor and Subcontractor to conform to Contractor's master schedule. In event duration times are provided by Subcontractor, it is agreed that time starts only when work areas are provided ready to receive installation in all respects, in accordance with OSHA and State safety regulations.
4. **Back Charges/Shipping Discrepancies:** No charges for labor or materials furnished by the Buyer shall be allowed as a credit unless authorized in writing by Seller within five (5) days of said occurrence. After a twenty four (24) hour period, all loads will be assumed to be verified.
Safety: Buyer will provide at no cost to Seller, general jobsite conditions conforming to OSHA standards and local governing authorities, including, but not limited to, adequate protection to ensure the safety of those working above reinforced steel as required, furnishing and installation of rebar safety caps or other OSHA compliant impalement hazard protection as required; Detection of/protection from underground and other utilities; Safe access, signage and other required warnings, flagging, barriers/barricades, general site and task lighting as required; Shoring, fall-protection anchorage points, walkways, approved scaffolding and staging in place as required, trenches, rails, snow and ice removal, all weather truck access; safe access to points of storage and work, etc. all as required.
6. **Insurance:** General Liability insurance will be provided solely for work performed by Seller and/or its engaged parties. Seller is not providing insurance for any liabilities that exceed Seller's responsibilities and/or liabilities. Additional Insured Endorsements may limit liabilities to those assumed under the Agreement and exclude Professional Liabilities. XCU, subsidence, Professional Liability, Aircraft, Pollution Liability and mold coverage are excluded as not applicable to this trade. Additional coverage or alternate requirements not set forth herein and mutually agreed are subject to availability and any additional costs. Seller excludes Builders Risk Insurance and return receipt requested notices for all certificates of insurance. Compliance requirements for any hired sub-subcontractors are subject to availability. This bid proposal is based on Seller providing General Liability insurance of \$5,000,000.00. Any additional coverage may result in additional costs.

SECTION VIII - CONDITIONS OF SALE EXCLUDED:

1. Pay if paid or "Pay when paid" conditions precedent for all properly completed work, including base scope of work, changes, acceleration/out of sequence work, damages, escalation and costs incurred for the cause or benefit of Buyer or others ("Work"); Retention exceeding the rate withheld by Owner; Retention on F.O.B. items.
2. Indemnification, claim, and defense liabilities, responsibilities or damages exceeding any proportionate extent of cause by Seller's active negligence or willful misconduct.
3. Minority, DBE, DVBE, SBE, WBE and other special hiring status content, affiliation, or contribution to such requirements.
4. Risk, liabilities and responsibilities arising from existing conditions and preceding work exceeding visual inspection, including, but not limited to, field measurements, surveying, layout, forming and materials supplied by others; Costs arising from differing conditions and/or requirements from plans or drawings or bar lists provided for performance.
Design engineering and related Professional Liabilities and responsibilities; Costs and damages due to varying conditions and requirements.
6. Waiving any rights of dispute or redress; Costs/risks of claims against Owner for undisputed portions of our Work.

7. Forms and information requirements not mutually agreed; Unconditional forms of release in advance of receipt of funds; Releases that fail to exclude pending changes, unpaid balances, and retention as applicable; Releases for claims unrelated to payment for work performed; Non-conforming forms of waivers and releases within States that provide Statutory release language.
8. Reports, waivers, and other forms and contractual obligations related to bulk suppliers to our inventory stock who do not have lien rights.
9. Warranties exceeding Seller's scope of responsibilities or one (1) year; Guaranties of work performed by others; any forms of warranties, express or implied, of merchantability or fitness for purposes intended.
10. Risks and responsibilities for equipment and/or employees of Buyer or others providing services, or manning equipment used in connection with, but not within, Seller's scope of Work.
11. Liquidated and delay damages exceeding actual damages incurred, our scope of responsibility and/or our proportionate extent of cause, and for Force Majeure; Property damage, remedial work and/or replacement of Work and the work of others to the extent made necessary by others or Force Majeure.
12. Increased labor and material costs and/or damage in the event of project suspension or delay.
13. General Liability credits for any wrap-up insurance programs.
14. Prime contract terms, conditions, and scope in addition to, and/or in conflict with, a mutually agreed contract and Seller's scope of work and responsibilities as described herein.
15. Reports, submittals and data requirements not applicable to our trade, reasonably required or mutually agreed; Release of proprietary or other confidential information.
16. Any portion of fines or penalties exceeding the extent of cause by Seller; Any increased, surcharged or escalated portion of fines incurred by Buyer.
17. Enrollment/contributions to unions to which Subcontractor is not signatory; compliance with any additional or conflicting term, condition, or rate of pay, etc. between Seller's labor agreement and others affiliated with the Project.
18. Guarantors.
19. Site security.

SECTION IX - ACCEPTANCE

The above proposal including all attached and referenced documents shall constitute a contract or shall be part of a contract is subject to on-going credit approval. Prices shown are for the complete project and NO single item price or group of prices are valid alone without the consent of the Seller. We reserve the right to modify/negotiate amendments to any Contractor issued forms of Agreement, as required to properly describe scope of work, pricing and mutually agreed terms and conditions.

Buyer: _____

By: _____

Title: _____ Date: _____

Seller: Tyler Reinforcing LLC

By: Marcia Tapia-Padilla

Title: Commercial Sales/Estimating Date: 08/13/2025



Subcontractor

Brundage Bone

Tres Rios GMP3

32M PUMP

DESCRIPTION Substructure	POURS	CY			CY/EA	CY/HR	PUMP		MOB	SETUP	/HOUR	/CY	OILER	OT	CLEAN	DEMOB	FUEL	TOTAL PRIME		TOTAL	TOTAL
		(pump w/waste)	(waste)	(net line)			hr	hr/ea										hr	hr		
<u>Concrete Structures</u>																					
Slab on Grade	4	115	15%	100	29	15.00	8	2	0.50	1	150	3.25			1	0.50	10.00	24	\$50.00	\$4,536	\$ 39.44
Footings	1	13	15%	11	13	7.00	2	2	0.50	1	150	3.25			1	0.50	10.00	6	\$50.00	\$1,058	\$ 83.67
Ductbank	2	31	20%	26	16	8.00	4	2	0.50	1	150	3.25			1	0.50	10.00	12	\$50.00	\$2,185	\$ 70.03
Drilled Shafts	11	108	30%	83	10	7.00	15	1	0.50	1	150	3.25			1	0.50	10.00	59	\$50.00	\$10,794	\$ 100.04

Contract Amount without Escalation: \$20,171

BRUNDAGE-BONE CONCRETE PUMPING

Monty Cole
602-320-0209
montycole@brundagebone.com

COMPANY	KIEWIT INFRASTRUCTURE WEST						DATE:	7/23/2025			
CONTACT	Jack Hanley						PHONE:	480-673-6289			
E-MAIL:	jack.hanley@kiewit.com						FAX:				
PROJECT:	TRES RIOS WRF GMP 3 7101 N CASA GRANDE HWY TUCSON, AZ						QUOTE VALID THRU	December 31, 2026			
AVAILABLE EQUIPMENT	LINE PUMP	30 METER CLASS	312 TELESCOPING BOOM	36 METER	41 METER CLASS	47 METER	50 METER CLASS	60 METER CLASS	63 METER	65 METER	TELEBELT
	LINE PUMP	28M, 32M, 33M, AND 34M	312	36M	38M, 39M, AND 41M	47M	52M AND 56M	58M AND 61M	63M	65M	TB130'
HOURLY CHARGE	\$140.00	\$150.00	N/A	\$170.00	\$180.00	\$200.00	\$250.00	\$285.00	\$330.00	\$420.00	\$255.00
YARDAGE CHARGE	\$3.00	\$3.25	N/A	\$3.25	\$3.25	\$3.50	\$4.00	\$4.00	\$4.00	\$5.00	\$3.00
MOBILIZATION CHARGE	ALL POURS WILL BE CHARGED AT THE EQUIPMENT'S HOURLY RATE, PORT TO PORT, WITH A ONE (1) HOUR MINIMUM. IF NEEDED 63M, 65M, & TB130 WILL MOB FROM PHOENIX @ 2 HOURS EACH WAY										
MINIMUM CHARGE	ALL POURS WILL BE CHARGED A MINIMUM OF FOUR (4) HOURS ONSITE.										
PRIME, PERMIT, ETC.	\$ 50.00	FUEL SURCHARGE: Based on current market rate. Market rate is currently				10%	CREDIT TERMS		NET30		
OVERTIME CHARGE - PER HOUR (WEEKDAYS)	\$ 55.00	OVERTIME CHARGES WILL BE ADDED TO ANY WORK PERFORMED OVER EIGHT (8) HOURS AND JOBS STARTING AFTER 1:00 PM.									
OVERTIME CHARGE - PER HOUR (WEEKENDS AND HOLIDAYS)	\$ 85.00	OVERTIME CHARGES WILL BE ADDED TO ANY WORK PERFORMED ALL DAY ON WEEKENDS AND HOLIDAYS. OVERTIME IS BASED ON PORT TO PORT HOURS.									
CANCELLATION CHARGE	\$ 500.00	CANCELLATION CHARGE WILL BE ACCESSED IF NOTICE IS NOT GIVEN ONE (1) HOUR PRIOR TO EQUIPMENT BEING DISPATCHED TO PROJECT.									
LABOR CHARGE - PER HOUR	\$ 85.00	LABOR WILL BE CHARGED PORT TO PORT FOR POURS REQUIRING MORE THAN ONE OPERATOR.									
SYSTEM CHARGES - PER FOOT	\$ 2.00	ANY POURS REQUIRING MORE THAN 50' OF SYSTEM WILL BE BILLED \$2.00 PER FOOT OVER THE INITIAL 50'. POURS REQUIRING 200' OR MORE WILL REQUIRE A SECOND MAN AND WILL BE BILLED AT THE LABOR RATE LISTED ABOVE.									
PER DIEM	\$ 150.00	PER DIEM IS CHARGED PER EMPLOYEE, PER DAY IF NEEDED				OFF- SITE WASHOUT		\$ 500.00	WHEN REQUIRED		
BACK-UP PUMP	A BACK-UP PUMP IS HIGHLY RECOMMENDED FOR LARGE POURS, HIGH SPEED RATE POURS, HIGH STRENGTH OR EXOTIC MIX DESIGNS AS WELL AS POURS OUTSIDE OF OUR NORMAL SERVICE AREA.										
RATES DO NOT INCLUDE ANY FEES, STATE OR LOCAL TAXES.											
RENTAL RATES ARE SUBJECT TO CHANGE IF QUOTE IS NOT ACCEPTED AND SIGNED WITHIN 30 DAYS OF ISSUE DATE.											
THIS QUOTE IS TO REMAIN CONFIDENTIAL BETWEEN OUR VALUED CUSTOMER AND BRUNDAGE BONE CONCRETE PUMPING, INC.											
By requesting dispatch of a pump, even if quotation is not signed, the customer is agreeing to rates and terms of the quote.											
We reserve the right to add a 5% escalator after one year.											
Price may change due to unknown circumstances or job conditions, upwards of 15%.											

X _____

X _____

ACCEPTED BY _____

BRUNDAGE BONE CONCRETE PUMPING, INC.

TITLE _____

BRUNDAGE-BONE CONCRETE PUMPING, INC.

1025 S 48TH STREET TEMPE, AZ 85281 * PHONE: (480) 317-1200 * FAX: (480) 317-1212 * WWW.BRUNDAGEBONE.COM

PROJECT QUOTE: PQ250068

REVISION: 1

DATE: MARCH 25TH, 2025

Project Site: Tres Rios Water Reclamation Facility

Project Name: Pondus Thermal Alkaline Hydrolysis Project and Waste Heat
Recovery and Energy Efficiency

***Total Budgetary Price \$ 325,000.00**

*Price includes tax at the project site Tucson, AZ (8.7%)

Add for 18 Hand Stops \$18,000



Jeff Sanders | Senior Systems Integration Manager |
cell 619.623.4579 | office 208.908.9047
jsanders@georgethall.com

Contract Amount without
Escalation: \$343,000



ISO9001:2015



1. Basis of Design

The following is our scope of work for the project noted above. Our Budgetary proposal covers the following HDR produced 90% drawings, specification sections, and addendums as it pertains to our listed scope of work. Please note that this proposal will require revisions upon the completion of the 100% - For Construction drawings and specifications.

- I. **Drawings:** Pondus Drawings 1-73, Dewatering and Energy Efficiency 1-48
- II. **Specification Sections:** Pondus - 40900, 409100
Energy Efficiency - 409000, 409100
- III. **Addendums:** None Supplied

2. Scope of Work as it pertains to GTH supplied equipment

- I. Project Coordination Meetings
- II. Engineered Submittals
 - i. Instrumentation Engineering and ISA Sheets
 - ii. Control Panel Engineered Drawings (Eplan) and Data Sheets
 - iii. Project Wide Loop Drawings
 - iv. O&M documentation
 - v. Startup/Commissioning Documentation
- III. On-Site Start up consultation
 - vi. Field Loop Checks
 - vii. Assistance with Operational Testing of process control system
- IV. On-Site Training with facility personnel
- V. Closeout Package
 - viii. O&M Package
 - ix. As-built drawings
 - x. 1-year Warranty Statement

3. Tres Rios WRF Dewatering and Energy Efficiency Improvements

I. Instrumentation

Item	Qty	Description	Tag No.
1	13	Temperature Transmitters	TE/TIT-8633-03, 3430-01, 3436-01, 3432-01, 3434-01, 3440-01, 3444-01, 3442-01, 3446-01, 4640-01, 4642-01, 4644-01, 4646-01
2	1	Differential Pressure Indicator	PDI-8631-03
3	1	Pressure Transmitter	PIT-8631-03
4	1	6" Magnetic Flow Meter	FE/FIT-8635-03
5	3	3" Magnetic Flow Meter	FE/FIT-3437-01, 3447-01, 4647-01

4. Tres Rios Pondus Thermal Alkaline Hydrolysis

II. Control Panels and Misc

Item	Qty	Description	Tag No.	Dwg No.
1	1	Control Panel CP90A	CP90A (PLC90A)	90-I-004
2	2	Thin Client Terminal 1 and 2		90-I-004

CP90A Proposed Bill of Materials

Item	Qty	Description	Mfg
1	1	Nema 12 Enclosure 90"x40"x24" w/Backpanel	Hoffman/Rittal
2	1	Enclosure Fans and Filters	Hoffman/Rittal
3	2	Enclosure LED Light	Hoffman/Rittal
4	1	12 Slot Rack	Allen Bradley
5	1	PLC Power Supply	Allen Bradley
6	1	L82E ControlLogix Processor	Allen Bradley
7	1	Ethernet Module (EN2TR)	Allen Bradley
8	4	16pt Digital Input Module	Allen Bradley
9	2	16pt Digital Output Module	Allen Bradley
10	1	8 Channel Analog Input Module	Allen Bradley
11	1	8 Channel Analog Output Module	Allen Bradley
12	1	8 port Stratix Switch w/2 Fiber ports	Allen Bradley
13	1	19.5" Hope Industrial HMI w/MC515 Industrial PC	Onlogic/Hope Industrial
14	2	15A Field Power Supplies	Phoenix Contact
15	1	Redundancy Module	Phoenix Contact
16	1	UPS 1500va w/smartcard	APC
17	Lot	Misc breakers, terminal blocks, door operators, nameplates, etc	GTH

Spare PLC Parts

Item	Qty	Description
1	Lot	Spare PLC Parts per Section 409000

5. Exclusions/notes

1. All panels and instrumentation installed by others
2. All field wire terminations by others
3. All Fiber optic, ethernet or communication cabling, testing, and terminations by others
4. All chemical tubing, fittings, valves, rotameters, etc are by others.
5. Transformer, Switchboard, Panelboards and Transfer Switch, power distribution is by others.
6. MCC's, AHU units, and SoftStarts by others
7. Electrical NETA Testing not included – ARC Flash, Coordination Studies, etc...
8. Electrical Insulation Testing not included
9. Sunshields, stanchions, diaphragm and annular seals, antenna pole/mast, flow meter spools, valves, field surge suppressors, ethernet switches, intrusion switches, Control stations, estops, mounting items not included unless noted above.
10. PLC panel IO modifications and additional IO modules are by others.
11. PLC/HMI/SCADA/DCS programming and configuration is by others.
12. Software and start up plans/ORT test plans are by others.
13. Pondus Instrumentation is by the vendor supplier and not included in this scope.
14. Dewatering and Energy Efficiency control panels are existing and any modifications to these panels are not included.
15. Project Wide loop drawings are for new equipment only and do not include existing plant systems.
16. Calibration of existing equipment/instrumentation and/or packaged equipment is by others.
17. All other instruments and control panels not listed above are excluded.

STANDARD TERMS AND CONDITIONS

The following document provides all terms and conditions governing the deliverables and services (here forth "Project") provided by George T. Hall Company (GTH) to or for its client (Client).

RELATIONSHIP & RESPONSIBILITY OF PARTIES

Client is required to submit a complete set of specifications for the performance of the Project acceptable to GTH and consistent with this quotation.

TERMS & TERMINATION

This quotation becomes void after 30 days unless otherwise noted in the body of the quotation and may be withdrawn by GTH at any time prior to acceptance by Client. Total price does not include applicable sales tax, tariffs, or shipping charges, unless otherwise noted. Lead times listed are estimates only. GTH is not liable for delays caused by manufacturers, package carriers, outside service labor, or other circumstances beyond the reasonable control of GTH (including without limitation changes to the scope of the Project, delays by Client in providing information to GTH, fires, natural disasters, civil disturbances, acts of governmental authorities, or labor disputes). Fieldwork not included in the quotation will be subject to the rates and terms specified on the GTH Service Rate Schedule. Any exceptions must be stated and accepted in writing. Standby time is defined as the time during which the technician is available to work but is not working due to circumstances outside of the control of GTH, including weather conditions or by Client direction. Standby time will be billed at rates specified on the GTH Service Rate Schedule (including overtime if work is required outside normal business hours or the Field Technician's daily work hours). Acceptance of this quotation shall be in the form of a Purchase Order or signed contract and shall not be modified without a written change order executed by both GTH and Client. Acceptance of this quotation acknowledges Client's acceptance of these exclusive terms in their entirety, regardless of other contract documents and their implied terms. All custom orders must be accompanied by a written and signed Purchase Order before any work can begin and are non-cancellable and nonrefundable.

or any reason.

If Client fails to comply with its obligations hereunder (including without limitation the full and timely payment to GTH), GTH may provide written notice of such default to Client and suspend further performance until such default is cured by Client. When such default is cured by Client, the amount to be paid for the Project will be equitably increased to account for GTH's damages arising from such suspension (including without limitation demobilization and remobilization expenses and increased costs of performance) and the time for GTH to complete the Project will be equitably extended to account for such suspension. If Client fails to cure such default within 30 days of its receipt of such notice from GTH, GTH may terminate its agreement with Client by providing written notice thereof and recover from Client payment for all portions of the Project performed (in whole or in part) through the date of such termination, GTH's demobilization expenses and other reasonable termination costs, the amount of expected overhead and profit GTH would have earned on the cancelled portions of the Project if not for Client's default, and any collection costs incurred by GTH in obtaining payment due from Client.

CONDUCT OF WORK

During the term of the Project, GTH shall provide Client the services and deliverables as outlined in this quotation and the corresponding Purchase Order accepted by GTH. Client is to provide any reasonable Client-specific on-site requirements and provisions to GTH two weeks (14 days) prior to the commencement of field work. During the term of the Project, either Client or GTH may request changes to the scope of the Project. Such changes will be effective if the other party agrees to the change in writing or through its actions. If the agreed change results in greater or lesser cost or time for performance, GTH's compensation and schedule for the Project will be adjusted accordingly.

EXCLUSIONS

This quotation does not include electrical or mechanical installation such as running conduit, pulling wire, or mounting hardware/ instrumentation, unless otherwise explicitly noted. Both GTH and Client assume that the industrial exemption applies to all services for the Project, and Client acknowledges that individuals not licensed as professional engineers or contractors may execute some or all of the Project in accordance with applicable law.

BILLING & PAYMENT TERMS

The terms of this quotation are Net 30 days from the date of invoice unless otherwise noted. Interest and late charges shall accrue at 1.5% per month on any unpaid balances. Progress billings, if applicable, will be invoiced Net 7 days based on milestones specified in this quotation. Start-up assistance, commissioning, field work, warranty calls, and the like will be suspended if invoices are past due. Returns, exchanges and/or changed product shipments may be subject to a cancellation fee of 25%. GTH retains all lien rights and other remedies for the collection of amounts due for the Project.

NON-SOLICITATION

To the fullest extent permitted by law, during the term of the Project and for a period of 18 months thereafter, both parties agree not to, directly or indirectly, solicit, recruit or employ any employee of either party without the prior written consent of the other.

INTELLECTUAL PROPERTY / WORK PRODUCT RIGHTS

GTH shall retain all rights, title and interest in the Project and its designs, and other intellectual property connected to its function, including but not limited to all drawings, specifications, and software prepared or customized by GTH. GTH also maintains all other copyrights, patents, and/or intellectual property rights, except the nonexclusive license granted to the Owner to install and use the Project per the terms of this quotation and the corresponding Purchase Order accepted by GTH and conditioned on Client's payment of the agreed compensation to GTH. Client may not sell, sublicense, assign or transfer its license to the Project provided by GTH without the prior written consent of GTH, nor may Client reverse engineer or make derivative works from the Project or its designs or other GTH intellectual property.

LIMITATION OF LIABILITY AND INDEMNITY

Neither party will be liable to the other party for any special, indirect, consequential, or incidental damages of any kind, including, without limitation, any loss of profit, loss of use, or business interruption, based on any claim under this agreement or related to the Project, even if such party has been advised of the possibility of such damages. To the extent permitted by applicable law, in no event shall the total aggregate liability for damages hereunder of GTH or its employees or agents exceed the amount paid for the Project by Client, regardless of the theory of liability (including without limitation breach of contract or warranty, negligence or strict liability). To the fullest extent permitted by law, Client hereby agrees to indemnify, defend and hold GTH harmless from and against all loss, damage, cost, expense, or liability, including reasonable attorneys' fees, collectively called "Damages") to the extent arising from the acts or omissions of Client, including without limitation Client's obligations to maintain the health and safety of its premises and equipment, its employee practices (including with respect to

the use of the Project) or arising from the conditions of the Client's facilities or equipment.

EXCLUSIVE LIMITED WARRANTY

Components incorporated into the Project are warranted solely by the manufacturer to be free of material defects in materials and workmanship and are inspected prior to shipment in a reasonable effort to ensure that they comply with the manufacturer's stated specifications. For other elements of the Project, for a period of one year, GTH warrants solely to Client that all services will be performed in a workmanlike manner consistent with current and generally recognized standards in the industry and that all deliverables will be provided in compliance in all material respects with the requirements established by this quotation. In no event will GTH be responsible for (a) any modifications to the Project made by anyone other than GTH; (b) damages caused by misuse, improper operation or improper or insufficient maintenance of the Project; (c) normal wear and tear; (d) any data loss or corruption or personal information data breach; or (e) any alleged defects in the Project that arise from GTH's compliance with designs, specifications or other criteria or requirements provided by or through Client. Terms of the warranty are for a period of one (1) year from the date of shipment. Any Project component failing to meet these warranty requirements during the warranty period hereunder will be repaired or replaced, at GTH's option, free of charge, provided the following conditions are met:

- A. For components warranted solely by the manufacturer thereof, such manufacturer has agreed to repair or replace such component without cost to GTH or Client (exclusive of reasonable and customary warranty enforcement and processing assistance provided by GTH during the 1-year warranty period set forth above).
- B. GTH must be notified of the nature of the defect within one (1) year of the original invoice date and promptly upon discovery of the defect.
- C. Client receives advance authorization from GTH to return the defective unit.
- D. The warranty unit is returned with freight charges prepaid to GTH's corporate office in Anaheim, CA. Replacement units will be shipped freight allowed. Correction of the defects through repair or replacement to the extent required hereunder will constitute the fulfillment of GTH's obligation and is Client's sole and exclusive remedy in the event of a warranty obligation.

Labor for warranty replacement, if required, will be billed at GTH's current published service rates.

GTH MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ANY OTHER WARRANTIES (INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE/AGAINST INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE) ARE EXPRESSLY DISCLAIMED BY GTH TO THE FULLEST EXTENT PERMITTED BY LAW.

GOVERNING LAW & VENUE

The agreement will be governed by and interpreted in accordance with the laws of the State of California and the United States of America, including the Federal Arbitration Act, 9 U.S.C. § 1, et seq. with respect to the parties' agreement to arbitrate any dispute arising out of or related to Project, without regard to rules governing choice or conflict of laws. Client and GTH agree that the United Nations Convention on Contracts for the International Sale of Goods will not apply to their agreement.

In the event GTH and Client cannot resolve any claim or dispute between them arising out of or related to the Project or this quotation, such dispute shall be subject to arbitration in accordance with the Construction Arbitration Rules of the American Arbitration Association. Such arbitration proceedings will be held in Anaheim, California before a single arbitrator. The prevailing party (as determined by the arbitrator) will be entitled to recover from the other party all costs incurred in resolving the dispute, including reasonable attorneys' and expert fees and the costs of arbitration. The arbitrator's award shall be final and may be entered as a judgment in any court with jurisdiction.

ENTIRE AGREEMENT

These terms and conditions, along with the GTH quotation and the corresponding Client purchase order accepted by GTH hereunder, constitute the entire agreement between the parties with respect to the Project. These terms supersede all previous and contemporaneous agreements, proposals and representations, written or oral, concerning such matters. Any additional, conflicting or inconsistent Client terms (whether set forth in a request for proposals, purchase order or acknowledgement or in any other document) are expressly rejected by GTH and are not a part of the agreement for the Project.

ASSIGNMENT

Neither Client nor GTH may assign its respective rights and obligations under their agreement without the written consent of the other party. However, GTH may subcontract or delegate its work obligations to other persons or entities but will nonetheless be responsible to Client for the performance of the work as required by this quotation. Both Client and GTH agree that there are no third-party beneficiaries to their agreement.

SAVINGS CLAUSE AND WAIVER

If any term of the proposal or these terms and conditions is found to be unenforceable, the remaining terms will remain in

effect. The failure of either GTH or Client to exercise any rights under their agreement will not be deemed a waiver of such right except as agreed in writing or as otherwise set forth in these terms and conditions.

Proposal For Service

PREPARED FOR:

Mass Electric Construction Co.
Brett Hennessey

424-219-1037

brett.hennessey@masselec.com

PREPARED BY:

Electrical Reliability Services

Proposal #: VRT-25009356	Proposal Date: August 11, 2025
Version #: 1	
Site Address: Pima County Wastewater Dept. 7101 N Casa Grande Hwy Tucson AZ 85743	



August 11, 2025

Dear Brett Hennessey,

Thank you for your interest in Electrical Reliability Services (ERS). We are pleased to offer the attached proposal for your consideration. ERS will furnish personnel, materials and equipment necessary to complete the project outlined in this proposal. This proposal does not include any state or local taxes that may apply.

Several factors set us apart in the industry including our unsurpassed experience, safety record, state-of-the-art training programs, and professional credentials. As a full charter member of the InterNational Electrical Testing Association (NETA), a recognized leader and ANSI standards developer for the electrical testing industry, you are assured that all testing is performed objectively according to NETA/ANSI standards.

ERS delivers the most complete solutions for electrical system reliability and safety including commissioning and startup services, acceptance and maintenance testing, engineering studies, and electrical and safety training. From testing for problems that could disable your system, to complete turnaround execution, you'll quickly understand how we are your single source solution for all your electrical reliability needs. With a network of more than 30 service locations in North America, ERS has experienced professionals when and where you need them. For more information, visit us on the web at <http://ers.VertivCo.com>.

If you have any questions regarding the attached proposal, please contact me directly at the phone number shown below. I look forward to your response and the opportunity to work together.

Respectfully Submitted,

Joshua Nantroup
Sales Engineer

Electrical Reliability Services, Inc.
221 East Willis Road
Chandler, AZ 85286

PHONE 480-205-4884

CELL

EMAIL josh.nantroup@vertiv.com

1.0 PROJECT DETAILS

This service proposal is designed using industry standards to provide Mass Electric Construction Co. with economic and safety-related benefits. ERS will furnish personnel, materials and equipment necessary to complete the project outlined in this proposal.

2.0 QUALIFICATIONS

- 2.1 **ACCREDITATIONS / CERTIFICATIONS:** ERS is a full charter member of the InterNational Electrical Testing Association (NETA), a recognized leader and ANSI standards developer for the electrical testing industry. ERS field engineers and technicians must meet the rigorous standards of NETA to become NETA certified. Once certified, they must undergo continuing education to maintain their NETA Certification level and keep abreast of the latest technologies.
- 2.2 **PERSONNEL:** The ERS team is comprised of registered professional engineers, degreed electrical engineers, and NETA certified Level II, III, and IV technicians that are experienced in the operation and maintenance of electrical distribution systems. Resumes are available upon request.
- 2.3 **TEST EQUIPMENT AND CALIBRATION:** ERS maintains a large inventory of state-of-the-art test equipment and diagnostic software. To ensure the accuracy of the test results, all of our field test equipment and secondary standard laboratory equipment are calibrated according to NETA Maintenance Testing Specifications Section 5.3 and are traceable to the National Institute of Standards and Technology (NIST).
- 2.4 **PROPRIETARY TEST SOFTWARE:** ERS's proprietary testing software improves the speed and efficiency of the data acquisition process, saving both time and money. The intelligent forms and built-in quality control ensure the accuracy of the test data through automatic identification of test values outside of the acceptable parameters. The application also stores and organizes millions of test values for various types of electrical equipment--providing an unprecedented historical database of test values critical for trending purposes.

3.0 SAFETY

We are committed to the safety of our employees and yours. Personal safety involves the application of policies and procedures combined with the right attitude, knowledge, and tools that will help you manage risk. ERS's safety organization includes a dedicated Environmental, Health & Safety Manager at the corporate level as well as safety officers and committees at the local level. ERS's Safety Program Includes:

- Written Electrical Safety-Related Work Practices/Procedures
- Training for qualified workers
- Protective equipment and materials
- Safety Records indicating attendees of all training, re-training, shop safety meetings, and tailgate safety meetings
- Mandatory safety meetings
- Safety Compliance including *unannounced* audits of this program
- Accident investigation and reporting

4.0 SCOPE OF WORK

- 4.1 For the Acceptance Testing portion of the project scope of work, the following equipment will be tested or evaluated in accordance with the included Acceptance Testing Specifications. Please refer to section 4.0 of the specifications section for all Project specific clarifications and exceptions.

Item	Qty	Device Summary
Dwg: 00-E-006 _ Electrical One-Line Diagram _ Dated: 02.2025		
1	1	Motor Control Center , 86-MCC-A
1.1	1	FVNR Starter w/ Fused Switch Rating: SZ.1
2	1	Non-Fused Disconnect Switch
3	1	Infrared Survey Rating: 4HRS
4	2	Point-to-Point (Major Frame) Grounding Test
5	1	Three Point (Fall of Potential) Grounding Test

5.0 PROJECT COST

The program specified in this proposal can be performed for the sum(s) of:

**Base Scope of Work - Acceptance Testing - Tres Rios - Waste Heat Recovery
Project - AT**

\$ 4,200.00

This price assumes that all work can be performed based on 8 hours per day, starting at 8 am, Weekdays Only, (excluding holidays) exclusive of taxes. Straight Time Rates will apply.

Any optional work scope will be billed 100% at time of completion of those services.

Unless otherwise noted above payment terms: Net 30 days from date of Seller's invoice.

PONDUS \$9,875

Contract Amount without
Escalation: \$14,075

6.0 GENERAL CUSTOMER RESPONSIBILITIES

In support of the project described herein, we ask that Mass Electric Construction Co. provide the following as applicable:

- 6.1 **EQUIPMENT ACCESS:** Convenient access to the equipment covered by the Scope of Work, and shall provide any special lifting or racking devices needed prior to start of any work by ERS.
- 6.2 **PERSONNEL:** Qualified personnel trained in arc flash protection with appropriate arc flash personal protective equipment (PPE) to gain access to energized electrical conductors and circuit parts required for ERS to perform the proposed scope of work.
- 6.3 **DOCUMENTATION:** Documents listing all protective device settings, any necessary electrical drawings and manufacturer's instruction manuals. If drawings and settings are not available, ERS can update one-line drawings and perform a coordination study for an additional fee.
- 6.4 **UTILITY OUTAGES:** Arrange and pay for any utility outages that may be required to de-energize equipment to be tested by ERS.
- 6.5 **SWITCHING:** Customer shall perform all switching required to de-energize or energize equipment associated with this project. If ERS is required to perform switching, customer must sign and submit an ERS Switching Agreement. ERS shall not perform energized switching of any electrical distribution equipment as part of this or any other Scope of Work without a signed Switching Agreement relieving ERS of any and all liability associated with such switching activity.
- 6.6 **DATA COLLECTION:** Breakers/Switches are occasionally tripped by accident during removal of equipment covers. In instances where the customer chooses to have ERS remove equipment covers, the customer holds ERS harmless of any and all liability associated with said activity.
- 6.7 **SITE ACCESS:** Prior to start of work, provide all site specific and generic safety training and security requirements for ERS employees to perform work at customer site. Any additional training requirements not specifically listed in customer specification or Request for Proposal will be charged as an additional fee.

7.0 GENERAL CLARIFICATIONS AND ASSUMPTIONS

- 7.1 **NOTICE:** To allow the proper scheduling of both manpower and test equipment necessary to perform this work on a mutually agreeable date, please allow a minimum of four weeks advance notice prior to scheduling. Dependent upon ERS's current work load and availability, additional charges for travel labor/expenses and test equipment may be required for work that is requested to be scheduled with less than two weeks advance notice.
- 7.2 **PRICE:** The price above is based on assumption of accuracy of the electrical system data supplied to ERS by Mass Electric Construction Co. (e.g. single-line diagram, equipment list or other source). Any unplanned time necessitated by inaccuracies of this information due to restricted site access, deficiencies discovered or failure of Mass Electric Construction Co. to follow OSHA 1910 and NFPA 70E safety guidelines (e.g. safety equipment, procedures) will result in a work stoppage additionally billed on a time and material basis in accordance with our current published rates for applicable class of service.
- 7.3 **STANDBY TIME:** Any unplanned standby time necessitated by Mass Electric Construction Co. operating conditions will be additionally billed on a time and material basis in accordance with straight, overtime or premium rates.
- 7.4 **RETESTING / REPAIRS:** Any equipment found to be defective requiring re-tests, repairs, non-routine troubleshooting or other work not specifically listed in this proposal shall be considered additional workscope, and a chargeable fee.
- 7.5 **DELAYS / CANCELLATION:** ERS is not responsible for any delays or cancellations due to weather. It is the client's responsibility to communicate the re-scheduling of any work due to adverse weather. The client will be charged for any time incurred by ERS due to weather delays or cancellations.
- 7.6 **CORRECTIVE ACTION:** Much of the work proposed is investigative in nature and could reveal a need for corrective maintenance, replacement of parts, or even replacement of complete system elements to improve the distribution system's reliability, operation, and safety. If any defects found during this project require immediate attention, the costs incurred by ERS for these repairs will be billed additional. However, no such work will be performed without your prior approval.
- 7.7 **SCOPE CHANGES:** The price is based on the work scope at the time of quotation. Any changes in work scope that occur prior to the job acceptance will require a separate quotation and change order.
- 7.8 **PARTS:** Any parts found defective during the maintenance will be quoted separately.
- 7.9 **METHOD OF PROCEDURE:** This proposal does not include any method of procedure (MOP) development or meeting time. ERS would be pleased to offer assistance or develop any required MOP's for an additional fee.
- 7.10 **MOBILIZATION:** This proposal includes a limited amount of mobilizations that result in the most cost effective and efficient execution of the project. Any additional mobilizations, or additional trips requested by the customer will incur additional mobilization charges.
- 7.11 **TRAVEL NOTIFICATION:** Pricing for all project travel in this proposal assumes notification of dates to ERS at least two weeks in advance of any travel requirement. Should ERS receive notifications with less than two weeks advance notice, impacting travel costs (airline tickets, hotel costs, etc.), the added costs may be considered additional to the original proposal.

8.0 TERMS AND CONDITIONS

- 8.2 **GENERAL PROVISIONS:** All work shall be performed in accordance with ERS Terms and Conditions, which are attached to this proposal. No other terms and conditions are acceptable unless agreed to by ERS in writing.
- 8.3 **EXPIRATION OF PROPOSAL:** This proposal shall remain valid for 60 days from the date of issue.

ACCEPTANCE OF PROPOSAL

Mass Electric Construction Co. has read Proposal No.VRT-25009356 in its entirety, and hereby authorizes Vertiv Corporation, and/or its affiliates, to proceed with executing the Scope of Work referenced herewith in the amount of **\$ 4,200.00**.

All work will be performed in accordance with ERS Standard Terms and Conditions, which are attached to this proposal. No other terms and conditions are acceptable, unless agreed to by Electrical Reliability Services in writing. The signatory below is duly appointed by and authorized by Mass Electric Construction Co. to execute this agreement and to bind same to the terms and conditions of this proposal.

We look forward to working with Mass Electric Construction Co. on this project. Should you have any questions regarding this proposal, please do not hesitate to contact me at 480-205-4884 or email me at josh.nantroup@vertiv.com.

Mass Electric Construction Co.	Buyer Signature Required	Date
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Printed Name	Title	Printed Name	Title
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Purchase Order must be assigned to:

Electrical Reliability Services
610 Executive Campus Dr
Westerville OH 43082

Payment Remittance address:

Electrical Reliability Services
24865 Network Place
Chicago, IL 60673-1248

FID# 94-1742896

PO should be mailed to:

Electrical Reliability Services
221 East Willis Road #3
Chandler, AZ 85286
Attn: Joshua Nantroup

Please provide the following information:

Purchase Order Number*:	Phone:
Billing Contact Person:	Fax:
Person Authorizing Payment:	Phone:
Billing Company Name:	Federal Tax ID:
Billing Address:	Taxable? Yes / No
Billing City, ST Zip:	If non-taxable, fax copy of tax exempt certificate
Site Contact Person:	Phone:
Email Invoices? Yes/No	Email Address:

* If a Purchase Order is provided, a hard copy must be included.

Specifications - Acceptance Testing

Tres Rios - Waste Heat Recovery Project - AT

1.0 PROJECT DETAILS

This acceptance testing proposal is designed using accepted industry standards to provide the information needed to properly evaluate the acceptability of the installed equipment and establish the baseline data for future preventive maintenance programs.

2.0 PROCEDURES

ERS will complete the work per the following specifications for each of the items listed in the equipment inventory section. These specifications were developed from standard NETA Specifications, customer input, and past experience and are customized for your budget, equipment condition and time considerations. Where applicable, the associated NETA testing specification section has been included for reference only and is not intended to be all inclusive.

2.1 STANDARD

Motor Control, Motor Starters, Low Voltage

Visual and Mechanical

- Compare equipment nameplate data with drawings and specifications.
- Inspect physical and mechanical condition.
- Inspect anchorage, alignment, and grounding.
- Inspect contactors.
 - Verify mechanical operation.
- Inspect bolted electrical connections for high resistance using one or more of the following method:
 - Use of a low-resistance ohmmeter.
 - Verify tightness of accessible bolted electrical connections by calibrated torque-wrench method in accordance with manufacturer's published data or NETA ATS Table 100.12.
- Verify appropriate lubrication on moving current-carrying parts and on moving and sliding surfaces.

Electrical Tests

- Perform operational tests by initiating control devices.

Switches, Air, Low-Voltage

Visual and Mechanical

- Compare equipment nameplate data with drawings and specifications.
- Inspect physical and mechanical condition.
- Inspect anchorage, alignment, grounding, and required clearances.
- Verify correct blade alignment, blade penetration, travel stops, and mechanical operation.
- Verify that fuse sizes and types are in accordance with drawings, short-circuit studies, and coordination study.
- Verify that each fuse has adequate mechanical support and contact integrity.
- Inspect bolted electrical connections for high resistance using one or more of the following methods:
 - Use of a low-resistance ohmmeter.
 - Verify tightness of accessible bolted electrical connections by calibrated torque-wrench method in accordance with manufacturer's published data or NETA ATS Table 100.12.
- Perform thermographic survey in accordance with NETA ATS Section 9.
- Verify operation and sequencing of interlocking systems.

- Verify correct phase barrier installation.
- Verify correct operation of all indicating and control devices.
- Verify appropriate lubrication on moving current-carrying parts and on moving and sliding surfaces.

Electrical Tests

- Measure contact resistance across each switchblade and fuseholder.
- Perform insulation-resistance tests for one minute on each pole, phase-to-phase and phase-to-ground with switch closed, and across each open pole. Apply voltage in accordance with manufacturer's published data or NETA ATS Table 100.1.
- Measure fuse resistance.
- Verify cubicle space heater operation.
- Perform ground fault test in accordance with NETA ATS Section 7.14, if applicable.
- Perform tests on other protective devices in accordance with NETA ATS Section 7.9, if applicable.

Thermographic Survey

Visual and Mechanical

- Inspect physical and mechanical condition.
- Remove all necessary covers prior to thermographic inspection. Use appropriate caution, safety devices, and personal protective equipment.

Thermographic Survey Report

- Description of equipment to be tested.
- Discrepancies.
- Temperature difference between the area of concern and the reference area.
- Probable cause of temperature difference.
- Areas inspected. Identify inaccessible and/or unobservable areas and/or equipment.
- Provide photographs and/or thermograms of the deficient area.
- Provide recommended action for repair.

Test Parameters

- Inspect distribution systems with imaging equipment capable of detecting a minimum temperature difference of 1°C at 30°C.
- Equipment shall detect emitted radiation and convert detected radiation to visual signal.
- Thermographic surveys should be performed during periods of maximum possible loading. Refer to ANSI/NFPA 70B, 2010 Edition, Section 11.17.

Grounding Systems

Visual and Mechanical

- Inspect physical and mechanical condition.

Electrical Tests

- Perform fall-of-potential or alternative test in accordance with IEEE 81 on the main grounding electrode or system.
- Perform point-to-point tests to determine the resistance between the main grounding system and all major electrical equipment frames, system neutral, and derived neutral points.

2.2 NON-STANDARD

2.2.1 **REFERENCE SPECIFICATION(S):** 26 05 26....GND
26 08 00....CES

2.2.2 **REFERENCE DRAWINGS(S):** Dwg: oo-E-006 _ Electrical One-Line Diagram _ Dated: 02.2025



August 13, 2025

Kiewit
Minsang Lim
3888 e. Broadway Rd
Phoenix, AZ 85040

RE: Revised-Pima County – Tres Rios Pondus Thermal Alkaline Hydrolysis Coating Project

Minsang,

Below please find Revised Price to prep and coat for the above referenced project. Due to start date of project in mid-2026 Revision will cover all labor and material cost elevations. Scope of work will consist of prepping and coating all above grade piping associated with the Reactor Tank area, HW/HTWAS HEX area and Elevated Bridge Piping. AO proposes to complete work at AO Paintings Coating Facility in Tucson, AZ. After Piping has been installed AO will Touch up Piping in place. Shipping of finished coated piping at AO's Facility will be completed by AO. Manlifts will be utilized to safely gain access to elevated surfaces on site. Proposed coating systems are outlined below. Daily Digital reports will be completed at the end of each shift to document quality control and general progression of work.

Breakdown:

Area Name	Page Associated	Price
Reactor Tank Area-Pumps and Piping	90-M -005,006	\$ 15,950.00
HW Hex	90-M -007,008,009,011,012	\$ 31,690.00
Elevated Bridge Piping	90-M -010,013,014,015	\$ 13,480.00

per 8/19
adjust.
54,507.68

Proposed Coating Systems

Yard Coating DIP and Steel Pipe

- Abrasive Blast SP 6 Commercial Blast
- One (1) Coat of Sherwin Williams 646 Macropoxy @ 4-6 Mils
- One (1) Coat of Sherwin Williams Hi- Solids Polyurathane @ 2-3 Mils

+ Final Touch-Up

~~\$61,120~~

80hr @
~~\$413.25~~
\$413.25/hr

\$94,180

Field Touch up Coating DIP and Steel Pipe

- Hand or Power Tool Abrade Surface per Manufactures Recommendation
- One (1) Coat of Sherwin Williams 646 Macropoxy @ 4-6 Mils to Bare Metal
- One (1) Coat of Sherwin Williams Hi- Solids Polyurathane @ 2-3 Mils

FRP and PVC

- 5k Low Water Jet to Remove any surface contaminates
- One (1) Coat of Sherwin Williams Extreme Bond Primer @ 2.5-5 Mils DFT's
- One (1) Coat of Sherwin Williams @ 2.5-4 Mils DFT's

Above Price Includes

- Labor
- Material
- Equipment
- Manlifts
- Quality Control Documentation
- Disposal

CONFIRM:

- WHR / HWR / HWS PIPING
- WHR / PA PIPING
- WHR / PONDUS PIPE SUPPORTS

Painting \$53,968 + Bond (\$539.68) = \$54,507.68
Final Touchup \$33,060 + Bond (\$330.60) = \$33,390.60
Total \$87,898



3237 E. President St. • Tucson, AZ 85714 • 520-573-0051 • Fax 520-294-8353
ROC-095603 L-34 • ROC-129492 L-05 • Website: www.aopaintinginc.com



Exclusions

- On Site Abrasive Blasting
- Reactor Tank Coating
- Interior Pipe Lining
- 3rd Party Inspection

This Quote is Valid Through December 31st 2026.

If you have any questions, please feel free to contact me.

Best Regards,

PJ Ortega

PJ Ortega
Estimator
520-271-1917
pjortega@aopaintinginc.com



August 13, 2025

Kiewit
Minsang Lim
3888 E. Broadway Rd.
Phoenix, AZ 85040

RE: Pima County 2025-2026 Time and Material Rates Sheet

Minsang,

Below please find Time and Material Rates for miscellaneous coating projects in Pima County. These rates will be valid for the calendar year of 2026. There will be a minimum daily four (4) hour charges on labor regardless of project duration. Generally, a three (3) man crew will be utilized for complete each project. Equipment will be charged on a daily rate. Material cost will be provided prior to the start of each project.

Labor Rates

- Superintendent/Supervisor **\$ 92.00 per hr.**
- Painter/Caulker **\$ 88.00 per hr.**
- Laborer/Helper **\$ 77.00 per hr.**

Overtime (Nights, Saturday & Sunday)

- Superintendent **\$138.00 per hr.**
- Painter/Caulker **\$132.00 per hr.**
- Laborer/Helper **\$115.00 per hr.**

Equipment

- Painting Rig (truck, compressor, air resp., airless sprayer, hand tools, Miscellaneous ladders, power tools, portable scaffold & PPE) **\$ 320.00 per day**
- Pressure Washer with Tank (fuel & accessories) **\$ 377.00 per day**
- Man Lift, Scissor Lift or 3rd Party Installed Scaffold **\$ Cost + 10%**

Materials

- Cost + 10%

If you have any questions, please feel free to contact me.

Best Regards,

PJ Ortega

PJ Ortega
Estimator
520-271-1917
pjortega@aopaintinginc.com

LABOR	$\$257/\text{HR} \times 8 \text{ HRS} \times 10 \text{ DAYS} =$	$\$20,560$
EQUIP	$\$697/\text{DAY} \times 10 \text{ DAYS} =$	$\$6,970$
MANUEF & MATL	$\$27,530 \times 20\% =$	$\$5,506$
TOTAL		$\\$33,036$



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ROC-095603 L-34 • ROC-129492 L-05 • Website: www.aopaintinginc.com





August 8, 2025

Sent via e-mail

Gabriel Gaytan, Project Manager
Kiewit Infrastructure West Co.
3888 East Broadway Road
Phoenix, AZ 85040

Subject: Contract Modification #6: Waste Heat Recovery (HEX) and Thermal Hydrolysis (PONDUS) Procurement and Construction Support - Pima County Class A Biosolids Solar Drying Facility (3TRCAB)

Dear Gabe,

Please find attached HDR's contract modification proposal to provide technical support during the procurement and construction phases for the HEX and PONDUS packages. Please feel free to contact Ty by phone at (520) 584-3643 should you have any questions or require additional information.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Jason Fort'.

Jason Fort, PE
Vice President, Area Manager

A handwritten signature in cursive script, appearing to read 'Ty Morton'.

Ty Morton, PE
Project Manager

Design Build Services

Engineering Scope of Work – Phase 2 Construction Services

Tres Rios WRF Class A Biosolids Solar Drying Facility (3TRCAB) AMENDMENT 6 – Waste Heat Recovery (HEX) and Thermal Hydrolysis (PONDUS) Procurement and Construction Support

**Pima County, Arizona
(Solicitation No. SQ-PO-2300008)**

Scope of Work

1.0 Project Management

1.1 Project Administration

HDR will perform internal project administration throughout the contract amendment to include team coordination, management, status updates, additional monthly reporting and invoicing. Monthly reports related to Amendment 6 will be included in the reports prepared for the overall solar dryer project. prepared and submitted by Kiewit, and HDR will provide status updates.

1.2 Meetings and workshops

1.2.1 EW1 - AERATION HEADER PRECONSTRUCTION MEETING

The EW1 – Aeration Header preconstruction meeting will be organized and conducted by Kiewit and will be attended by the design Project Manager (PM), design manager, project engineer, process engineer, and key discipline engineers (structural, instrumentation and controls, electrical). It is assumed the meeting will be held in hybrid mode, with some participants attending virtually.

2.0 Procurement and Construction Support

2.1 Procurement

This includes minor design changes to accommodate changes based on RFIs.

2.1.1 PROCUREMENT RFI'S

HDR shall respond to up to ten (10) Requests for Information (RFI) responses from prospective proposers.

2.1.2 PROCUREMENT SUBMITTALS

HDR will provide technical review of up to ten (10) submittals during procurement.

2.2 Construction Support

HDR shall provide technical reviews and responses to construction RFIs and submittals. This includes minor design changes to accommodate changes based on RFIs.

2.2.1 CONSTRUCTION RFI'S

HDR shall respond to up to fifty (50) RFI's from prospective contractors, including thirty (30) for PONDUS and twenty (20) for HEX, not including Project Management coordination and quality control.

2.2.2 CONSTRUCTION SUBMITTALS

HDR will provide technical review for the submittal schedule for HEX (see Attachment A) and submittal schedule for PONDUS (see Attachment B) during construction, not including Project Management coordination and quality control.

2.2.3 RECORD DRAWINGS

HDR shall receive redlines from the contractor to prepare record drawings for the aeration header. The record drawings are estimated to require two (2) hours per sheet, not including engineering clarifications, Project Management coordination, and quality control.

ASSUMPTIONS:

1. HDR has included 3 hours per RFI (10 total) during the procurement phase.
2. HDR has included 4 hours per submittal (10 total) during the procurement phase.
3. HDR has included 4 hours per RFI (50 total) during construction.
4. HDR has included a total of 816 hours for submittal review during construction. See Attachments A and B for submittal review level of effort for HEX in and PONDUS, respectively.
5. Additional project management and QA/QC hours are additive to items 1 – 4 above.
6. Design modifications to accommodate contractor proposed changes are not included.
7. Attend weekly construction meetings from October 2025 to October 2026, for a total of fifty (50) meetings.
8. RFI's and Submittal responses will occur within ten (10) business days.
9. Work will be complete by the end of calendar year 2026.
10. Kiewit and/or subcontractor(s) shall maintain and prepare accurate redline drawings during construction.
11. HDR assumes up to 25% of Submittals will require a second review. Reviews beyond that may be subject to change request.

3.0 Price Proposal

The fee for services as outlined in this proposal is \$329,351.79 as itemized on the following sheets, including HDR's rate schedule for 2026.

Cost Proposal - 2025

Task No.	Task Description	Engr PM	QA/QC	Sr Tech Advisor	Struct Engr	Thermal Engr	Elect Engr	Process Engineer	I&C Engineer	Admin/ Clerical	Project Eng	CAD Tech	Total HDR Labor Hours	Total HDR Labor (\$)	Total HDR Expenses (\$)	Total HDR
	Billing Rate	\$ 293.76	\$ 332.56	\$ 332.56	\$ 177.37	\$ 205.08	\$ 210.82	\$ 249.42	\$ 210.52	\$ 121.94	\$ 144.11	\$ 144.11				
Task 1 - Project Management																
1.1	Project Administration	12								20			32	\$ 5,964	\$ -	\$ 5,964
1.2	Meetings and Workshops	13											13	\$ 3,819	\$ -	\$ 3,819
	Subtotal Task 1	25	-	-	-	-	-	-	-	20			45	\$ 9,783	\$ -	\$ 9,783
Task 2 - Procurement and Construction Support																
2.1	RFI and Submittal Response															
2.1.1	RFI Response	8				15				15			38	\$ 7,588	\$ -	\$ 7,588
2.1.2	Submittal Review and Response	8				20				20			48	\$ 9,334	\$ -	\$ 9,334
2.2	EW1 Construction Support															
2.2.1	RFI Review - PONDUS	6	4	4			8	8	8		32		70	\$ 14,400	\$ -	\$ 14,400
	RFI Review - HEX	4	3	4		30	2		4				47	\$ 10,819	\$ -	\$ 10,819
2.2.2	Submittal Review - PONDUS	8			43		30	44	78		88		299	\$ 57,234	\$ -	\$ 57,234
	Submittal Review - HEX	4			33	40	10		33				120	\$ 24,288	\$ -	\$ 24,288
2.2.3	Record Drawings - PONDUS												0	\$ -	\$ -	\$ -
	Record Drawings - HEX												0	\$ -	\$ -	\$ -
	Subtotal Task 2	36	7	8	76	105	50	52	123	-	165	-	622	\$ 123,762	\$ -	\$ 123,762
Totals		61	7	8	76	105	50	52	123	20	165	0	667	\$ 133,544.50	\$ -	\$ 133,544.50

Cost Proposal - 2026

Task No.	Task Description	Engr PM	QA/QC	Sr Tech Advisor	Struct Engr	Thermal Engr	Elect Engr	Process Engineer	I&C Engineer	Admin/ Clerical	Project Eng	CAD Tech	Total HDR Labor Hours	Total HDR Labor (\$)	Total HDR Expenses (\$)	Total HDR
	Billing Rate	\$ 305.45	\$ 349.18	\$ 349.18	\$ 186.23	\$ 215.33	\$ 221.15	\$ 281.89	\$ 221.15	\$ 128.03	\$ 151.32	\$ 151.32				
Task 1 - Project Management																
1.1	Project Administration	36								36			72	\$ 15,713	\$ -	\$ 15,713
1.2	Meetings and Workshops	38											38	\$ 11,721	\$ -	\$ 11,721
	Subtotal Task 1	74	-	-	-	-	-	-	-	36			110	\$ 27,434	\$ -	\$ 27,434
Task 2 - Procurement and Construction Support																
2.1	RFI and Submittal Response															
2.1.1	RFI Response												0	\$ -	\$ -	\$ -
2.1.2	Submittal Review and Response												0	\$ -	\$ -	\$ -
2.2	EW1 Construction Support															
2.2.1	RFI Review - PONDUS	12	4	4			8	8	8		32		76	\$ 16,971	\$ -	\$ 16,971
	RFI Review - HEX	8	3	4		30	2		4				51	\$ 12,699	\$ -	\$ 12,699
2.2.2	Submittal Review - PONDUS	12			42		30	44	78		98		304	\$ 61,760	\$ -	\$ 61,760
	Submittal Review - HEX	8			33	39	10		33				123	\$ 26,521	\$ -	\$ 26,521
2.2.3	Record Drawings - PONDUS	4	8								16	146	174	\$ 28,541	\$ -	\$ 28,541
	Record Drawings - HEX	4	8								16	102	130	\$ 21,883	\$ -	\$ 21,883
	Subtotal Task 2	48	23	8	75	69	50	52	123	-	162	248	858	\$ 168,373	\$ -	\$ 168,373
Totals		122	23	8	75	69	50	52	123	36	162	248	968	\$ 195,807.29	\$ -	\$ 195,807.29

HDR Billing Rate Schedule: Calendar Years 2024 - 2026

Personnel Classification	Personnel Hourly Billing Rates		
	2024	2025	2026
Principal-in-Charge	\$316.72	\$ 332.56	\$ 349.18
Engr Project Manager	\$279.77	\$ 293.76	\$ 308.45
Sr Tech Advisor	\$316.72	\$ 332.56	\$ 349.18
QA/QC	\$316.72	\$ 332.56	\$ 349.18
Design Manager	\$205.87	\$ 216.16	\$ 226.97
Project Engineer	\$137.25	\$ 144.11	\$ 151.32
Process Engineer	\$237.54	\$ 249.42	\$ 261.89
Thermal Process Engineer	\$195.31	\$ 205.08	\$ 215.33
Solar Power Engineer	\$211.15	\$ 221.71	\$ 232.79
Civil Engineer	\$168.92	\$ 177.37	\$ 186.23
Structural Engineer	\$168.92	\$ 177.37	\$ 186.23
Electrical Engineer	\$200.59	\$ 210.62	\$ 221.15
I&C Engineer	\$200.59	\$ 210.62	\$ 221.15
Corrosion Engineer	\$237.54	\$ 249.42	\$ 261.89
Architect	\$237.54	\$ 249.42	\$ 261.89
Operations Engineer	\$237.54	\$ 249.42	\$ 261.89
Geotechnical Engineer	\$316.72	\$ 332.56	\$ 349.18
Environmental Engineer	\$168.92	\$ 177.37	\$ 186.23
CAD Technician	\$137.25	\$ 144.11	\$ 151.32
Admin / Accounting	\$116.13	\$ 121.94	\$ 128.03
Survey Manager	\$205.87	\$ 216.16	\$ 226.97
Survey Party Chief (RLS)	\$195.31	\$ 205.08	\$ 215.33
Survey Technician	\$100.30	\$ 105.32	\$ 110.58
Economist	\$237.54	\$ 249.42	\$ 261.89

Rates based on the following:

Engineering staff average hourly raw labor rate + Overhead (185%) + Profit (8%)

Annual escalation 5.0%



August 8, 2025

Sent via e-mail

Gabriel Gaytan, Project Manager
Kiewit Infrastructure West Co.
3888 East Broadway Road
Phoenix, AZ 85040

Subject: Contract Modification #5: Waste Heat Recovery (HEX) and Thermal Hydrolysis (PONDUS) Integration - Pima County Class A Biosolids Solar Drying Facility (3TRCAB)

Dear Gabe,

Please find attached HDR's contract modification proposal to provide Integration Services for the HEX and PONDUS packages. Please feel free to contact Ty by phone at (520) 584-3643 should you have any questions or require additional information.

Sincerely,

Jason Fort, PE
Vice President, Area Manager

Ty Morton, PE
Project Manager

Contract Amount without Escalation: \$850,431
--

Design Build Services

Engineering Scope of Work – Phase 2 Construction Services

Tres Rios WRF Class A Biosolids Solar Drying Facility (3TRCAB)

AMENDMENT 5 – Waste Heat Recovery (HEX) and Thermal Hydrolysis (PONDUS) Systems Integration

**Pima County, Arizona
(Solicitation No. SQ-PO-2300008)**

Scope of Work

1.0 Project Management

1.1 Project Administration

HDR will perform internal project administration throughout the contract amendment to include team coordination, management, status updates, additional monthly reporting and invoicing. Monthly reports related to Amendment 5 will be included in the reports prepared for the overall solar dryer project - prepared and submitted by Kiewit, and HDR will provide status updates.

1.1.1 DEVELOPING PROJECT MANAGEMENT PLAN (DRAFT AND FINAL)

1.1.2 PROVIDING MONTHLY INVOICES AND MONTHLY REPORTS (12)

1.2 Meetings and workshops

1.2.1 MONTHLY PROGRESS MEETINGS

HDR will conduct monthly Progress Meetings with client (up to 12 one-hour virtual meetings) – Attended by Project Manager (PM)

1.2.2 KICK-OFF MEETING

HDR will participate in a two-hour in-person Kick-Off meeting – Attended by PM, I&C Engineer

1.2.3 PROJECT REVIEW MEETINGS

HDR will conduct Bi-weekly Project Review Meetings (up to 26 one-hour virtual meetings) – Attended by PM, I&C Engineer, and other technical staff as needed.

2.0 Project Initiation

2.1 Review of Project Details and Pima County Standards

HDR will coordinate with Pima County to understand the latest SCADA standards and receive a backup copy of their applications. HDR anticipates building a virtual machine in-house to develop the new screens and PLC programs.

2.2 Pre-Programming Workshop

HDR will participate in the Pre-Programming workshop hosted by Pima County (16 hours)– Attended by two I&C Engineers.

3.0 PLC Programming

3.1 Pondus Programming

HDR will provide PLC program for the new plant PLC (PLC90A).

3.2 Heat Exchanger Programming

HDR will provide PLC program modifications for the existing PLCs - PLC86, PLC34, PLC46A/B. HDR assumes that the existing PLC programs are well documented and HDR did not include any time to document the existing programs.

3.3 Pondus Vendor Coordination

HDR has included 20 one-hour virtual meetings for Vendor coordination – attended by two I&C Engineers, PM.

4.0 SCADA Programming

4.1 Pondus SCADA Programming

HDR assumes 6 new screens and planning to reuse existing faceplates for equipment like pumps and valves to maintain Pima County standards.

4.2 Heat Exchanger SCADA Programming

HDR assumes 4 existing screens will be updated to include the Heat exchangers and Heat recovery pump.

5.0 Factory Acceptance Testing, In-house Testing and Startup

5.1 Factory Acceptance Testing (FAT)

HDR will participate in FAT for the PLC Panel Testing – up to 3 days, attended by I&C Engineer

5.2 Internal Testing

HDR will perform internal testing to confirm functionality of the applications prior to testing the application in the field.

5.3 Submittals

HDR will provide Testing documents and Completed Reports (2 submittals), SCADA screens (2 submittals) for Pondus and HEX.

5.4 Startup Support and Owner witnessed Testing

HDR will provide Startup support and include 2 local I&C Engineers for up to 6 weeks on-site. HDR included two 1-week trips for a remote I&C Engineer to support the Startup. HDR assumes that the Owner will participate in the Site Acceptance Testing and sign to accept the completion of the integration.

SCOPE CLARIFICATIONS AND ASSUMPTIONS:

1. The fee is based on an assumed level of effort which can vary significantly depending on the level of support requested by Design Builder and/or the Owner. HDR will work closely with Design-Builder to monitor the budget status.
2. HDR is using the 90% design documents for Pondus and Heat Recovery systems as the basis for this proposal.
3. HDR's fee has no contingency budget. It is anticipated that Design-Builder will have a budget for this should the need for Additional Services arise.
4. Changes to the Pondus and Heat Recovery design drawings and specifications during construction that require additional integration time or redo of completed integration work will require a contract modification.
5. HDR assumes that the Owner will furnish requested PLC and SCADA backups to facilitate the Integration.
- * 6. HDR will prepare and provide submittals in electronic Portable Document Format (PDF). Final Application files will be submitted in native file format of the applications.
7. HDR's submittals will be reviewed by Design-Builder (and the Owner) and returned to HDR in a total (initial submission and potentially resubmittals) of 20 calendar days of submission unless stated otherwise in the Design Schedule.
8. Design-Builder will provide HDR on a monthly basis copies of relevant Design-Builder Contract documents including but not limited to Notices, change order requests for added time and / or costs, executed change orders and amendments, schedule modifications, Monthly Progress Reports, other documents, including correspondence with Owner, relevant to HDR's performance of its obligations.
9. Design-Builder will support HDR in securing coordination meetings with the Vendor(s) (eg PONDUS, Panel shop) to streamline the Programming.
10. HDR assumes that Pondus will provide their PLC panel IO list and PLC program to facilitate coordination.
11. PLC Panel design, Loop Drawings are excluded from HDR's scope.
12. Operator Interface Terminal (OIT) Application development is not included in HDR's scope. OIT applications are to be developed and provided by the Vendor.
13. HDR assumes that Network Ethernet Switches will be supplied and programmed by the Owner.
14. HDR assumes that all fiber optic connections will be provided and tested by others.
15. HDR assumes that all field wiring and wire testing will be completed by others prior to HDR performing any onsite testing.
16. HDR excludes incorporation of Operational technology (OT) Cybersecurity within the design. Where Owner-provided standards are applied, risk evaluation or development of cybersecurity mitigations are excluded.
17. HDR assumes that the PLC Panel shop will be located either in Tucson or Phoenix,

FRO

Arizona. If HDR employees need to travel to other cities for FAT, HDR can provide the support with an additional fee.

Evaluation and /or designs, and Designer services for the following items are specifically excluded: unless specifically defined in this Scope of Work (select exclusions):

18. Startup and Commissioning Manual, which is assumed to be the responsibility of the Contractor including but not limited to Operator training, sign-off, video documentation unless otherwise provided herein the scope of work.
19. Submission of facility and equipment operation and maintenance manuals included but not limited to the manufacturer sign-off and warranty coordination signoffs.
20. Resident Project Representative (RPR) services.

Integration Schedule

Anticipated Project Duration and Milestones

The scope of work, schedule and budget are based on a Notice to Proceed (NTP) date of 08.25.25 subject to change per Owner's award. HDR anticipates a duration through 06.30.26. The milestones below are assumed to be sequential and changes to schedule may be subject to change request.

1. Integrator's Notice to Proceed (NTP)
2. Project Initiation
3. PLC and SCADA development
4. FAT, Startup, Testing

Fee Summary

Task	Description	Principal	PM	Senior Tech Advisor (QC)	I&C Eng	Admin Support (ACCT)	Admin Support (Coord)	Task Hour Total	Fee
		\$332.56	\$293.76	\$332.56	\$210.62	\$121.94	\$121.94		
1	Project Management	10	100	24	74	44	36	288	\$66,024.12
2	Project Initiation		18	30	104			152	\$37,168.96
3	PLC Programming		50	54	460			564	\$129,531.44
4	SCADA Programming		16	54	220			290	\$68,994.80
5	FAT, Startup and Testing		40	30	900		9	979	\$212,382.66
	Total Hours	10	224	192	1758	44	45	2273	
	Task Order Total	\$3,326	\$34,664	\$17,958	\$37,490	\$5,365	\$4,389.84		\$ 514,101.98

\$ 6,977.00

Total Fee \$ 521,078.98

HDR Billing Rate Schedule: Calendar Years 2024 - 2026

Personnel Classification	Personnel Hourly Billing Rates		
	2024	2025	2026
Principal-in-Charge	\$316.72	\$ 332.56	\$ 349.18
Engr Project Manager	\$279.77	\$ 293.76	\$ 308.45
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Project Engineer	\$137.25	\$ 144.11	\$ 151.32
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Survey Technician	\$100.30	\$ 105.32	\$ 110.58
Economist	\$237.54	\$ 249.42	\$ 261.89

Rates based on the following:

Engineering staff average hourly raw labor rate + Overhead (185%) + Profit (8%)

Annual escalation 5.0%

End of Appendix H - GMP-3

INCREASE RIDER

BOND NO. 108136099

Amount of Bond: \$17,310,528.62

Hereby increased to: \$35,301,122.05

PRINCIPAL: Kiewit Infrastructure West Co.

SURETY: Travelers Casualty and Surety Company of America

OBLIGEE: Pima County, Arizona

As of November 20, 2025, the amount of the above described bond is increased from the sum of \$17,310,528.62 to the sum of \$35,301,122.05 but the aggregate liability for any and all acts and defaults, whenever committed, shall in no event exceed the sum last named, it being the intent hereof to preclude cumulative liability.

Signed, sealed and dated: November 20, 2025

Kiewit Infrastructure West Co.


Darron A. Rolle, Senior Vice President

Travelers Casualty and Surety Company of America


Philip G. Dehn, Non-Resident Agent & Attorney-in-Fact



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint **Philip G. Dehn, Marie Higgins, Deanne Jones, David Konz, Grace S. Pearson, Tammy Pike, and Traci Sutton of Omaha, Nebraska**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **16th** day of **February, 2024**.



State of Connecticut

City of Hartford ss.

By: 
Bryce Grissom, Senior Vice President

On this the **16th** day of **February, 2024**, before me personally appeared **Bryce Grissom**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **20th** day of **November, 2025**.




Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/20/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Midwest Agencies, Inc. 1550 Mike Fahey Street Omaha, NE 68102	CONTACT NAME: Traci Sutton PHONE (A/C, No, Ext): 402-271-2956 E-MAIL ADDRESS: Traci.Sutton@MidwestAgenciesInc.com FAX (A/C, No): 402-271-2997														
INSURED Kiewit Infrastructure West Co. 3888 E. Broadway Rd. Phoenix AZ 85040-2924	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A : XL Insurance America, Inc. (40%)</td><td>24554</td></tr><tr><td>INSURER B : ACE American Insurance Company (35%)</td><td>22667</td></tr><tr><td>INSURER C : National Union Fire Ins Co Pittsburgh PA (25%)</td><td>19445</td></tr><tr><td>INSURER D :</td><td></td></tr><tr><td>INSURER E :</td><td></td></tr><tr><td>INSURER F :</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : XL Insurance America, Inc. (40%)	24554	INSURER B : ACE American Insurance Company (35%)	22667	INSURER C : National Union Fire Ins Co Pittsburgh PA (25%)	19445	INSURER D :		INSURER E :		INSURER F :	
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INSURER C : National Union Fire Ins Co Pittsburgh PA (25%)	19445														
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES

CERTIFICATE NUMBER: 88020006

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A B C	Builder's Risk			US00072289CA24A I11220666 001 020612544			See Below

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Builders Risk limit:
\$35,301,122.05Policy Dates:
11/18/2024 - 05/11/2027

RE: Design-Build Services: Class A Biosolids Solar Drying Facility (3TRCAB)

CERTIFICATE HOLDER

CANCELLATION

Pima County 150 W Congress St., 5th FL Tucson AZ 85701	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Philip G. Dehn
--	---

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ACORD 25 (2016/03)

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Marsh USA, Inc.			
Insurance Company Name and Participation Percentage		Policy Number	Booking Number
ACE American Insurance Company (35%)		I11220666 001	I11220666 001P
XL Insurance America, Inc. (40%)		US00072289CA24A	US00145860CA24A
National Union Fire Insurance Company of Pittsburgh, PA (25%)		020612544	12456224
Form # PKS MBR 08152024 USA			
MASTER BUILDER'S RISK POLICY ENDORSEMENT ENDORSEMENT PERIOD <u>11/18/24</u> to <u>05/11/27</u> Job # <u>1036-106208</u> This Endorsement follows the terms and conditions of the Master Builders Risk insurance policies shown above. <u>ALL STIPULATED AMOUNTS ARE IN UNITED STATES DOLLARS</u>			
This endorsement neither affirmatively or negatively amends, extends or alters the coverage, limits, terms or conditions of the Master Policy unless expressly stated herein. This endorsement is for 100% participation in the total Limit(s) of Liability stated herein with each Insurer shown above participating in proportion to the percentage amounts shown.			
NAMED INSURED and mailing address Peter Kiewit Sons', Inc., all their subsidiaries, companies, corporations, trusts, partnerships, joint ventures (including joint venture partners), associated companies, associations, subsidiaries of the foregoing and individuals which are now or may hereafter be owned by, controlled by, operated by, or directed by or subsidiary to Peter Kiewit Sons', Inc. 1550 Mike Fahey Street Omaha, NE 68102	Premium \$141,463		ANNUAL RATE(S) (Except Monthly Hot Testing and Named Windstorm)
	Builder's Risk 0.16180 / \$100 Owner's Delay in Startup 0.00000 / \$100 Certified Terrorism 0.00000 / \$100 Hot Testing / Month 0.00000 / \$100 Named Windstorm 0.00000 / \$100 (monthly from June 1 to Nov 30)		Earthquake 0.00000 / \$100 Damage to Existing Property 0.00000 / \$100 Contractor's Wrap Around 0.00000 / \$100 Contract Penalties 0.00000 / \$100 Discretionary Charges 0.00000 / \$100
ADDITIONAL INSUREDS (include address)			
LOSS PAYEE (include address)	Pima County 150 West Congress Street, 5th FL, Tucson, AZ 85701		
MORTGAGEE (include address)			
PROJECT LOCATION (include address)	7101 N. Casa Grande Hwy. Tucson Arizona , Pima County		
PROJECT DESCRIPTION (Structural type, size, material type, occupancy, etc.) (If renovation or rehab, be specific)	Design-Build Services. Construct 600LF of 48in diameter above-ground steel pipeline. Additional scope includes: • Demo existing underground & aboveground piping, concrete pads and walls. • Install new concrete foundations for PONDUS and a control building. • Install concrete footings for a pipe bridge and pipe supports. • Install PONDUS system and a control building. • Install underground and aboveground piping. • Tie-in hot water pipe in Building 86. 2. Waste Heat Recovery • Demo existing piping and concrete wall at Building 86 for new connections. • Install new concrete foundations for new heat exchangers and pipe supports. • Install pipe supports and yard piping. • Install heat exchangers. • Tie-in hot water pipe in to Building 86. Hard Costs \$35,301,122 Delay: \$0		
COVERAGE EXTENSIONS	Certified & Non-Certified Terrorism Coverage Excluded	Hot Testing Coverage Excluded	Damage to Owner's Existing Property Coverage Excluded



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/19/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Midwest Agencies, Inc. 1550 Mike Fahey Street Omaha, NE 68102	CONTACT NAME: Traci Sutton	
	PHONE (A/C, No, Ext): 402-271-2956	FAX (A/C, No): 402-271-2997
INSURED Kiewit Infrastructure West Co. 3888 E. Broadway Rd. Phoenix AZ 85040-2924	E-MAIL ADDRESS: Traci.Sutton@MidwestAgenciesInc.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Old Republic Insurance Company	
	INSURER B:	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		
NAIC # 24147		

COVERAGES

CERTIFICATE NUMBER: 88000846

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability <input checked="" type="checkbox"/> XCU Included GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MWZY 312911 25	3/1/2025	3/1/2026	EACH OCCURRENCE \$5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$5,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$5,000,000 GENERAL AGGREGATE \$10,000,000 PRODUCTS - COMP/OP AGG \$10,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MWTB 312910 25	3/1/2025	3/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MWC 312908 25 MWXS 312909 25 MWFX 312928-FL MWXS 316021 25 - CA USL&H & Jones Act StopGap	3/1/2025 3/1/2025 3/1/2025 3/1/2025	3/1/2026 3/1/2026 3/1/2026 3/1/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$5,000,000 E.L. DISEASE - EA EMPLOYEE \$5,000,000 E.L. DISEASE - POLICY LIMIT \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Design-Build Services: Class A Biosolids Solar Drying Facility (3TRCAB), Contract No. PO2400013663 Pima County, its departments, districts, boards, commissions, officers, officials, agents, and employees are named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Design-Builder with respect to general liability and auto liability as required by written contract. Coverage is primary and non-contributory. A waiver of subrogation included.

CERTIFICATE HOLDER

CANCELLATION

Pima County
Procurement Department
Design and Construction Division
150 W. Congress, 5th floor
Tucson AZ 85701-1207

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Philip G. Dehn

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SCHEDULE OF OTHER POLICIES

DATE ISSUED
11/19/2025

NAMED INSURED:

Kiewit Infrastructure West Co.
3888 E. Broadway Rd.
Phoenix AZ 85040-2924

CERTIFICATE HOLDER:

Pima County
Procurement Department
Design and Construction Division
150 W. Congress, 5th floor
Tucson AZ 85701-1207

Type of Insurance	Insurer - NAIC No.	AI	SW	Policy Number	Eff / Exp	Limits
Contractor's Professional Liability 2025-2026	Old Republic Insurance Co. - 24147			MWZZ 312912	3/1/2025 3/1/2026	\$5,000,000 per claim / \$5,000,000 aggregate

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR
COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: Peter Kiewit Sons', Inc.
Endorsement Effective Date: 03/01/25

SCHEDULE

Name Of Person(s) Or Organization(s): Any person or organization to whom or which you are required to provide additional insured status or additional insured status on a primary, non-contributory basis, in a written contract or written agreement executed prior to loss, except where such contract or agreement is prohibited by law.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph A.1. of Section II – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph D.2. of Section I – Covered Autos Coverages of the Auto Dealers Coverage Form.

IL 10 (12/06) OLD REPUBLIC INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION, NONRENEWAL OR MATERIAL CHANGE IN COVERAGE TO SCHEDULED PERSON(S) OR ORGANIZATION(S)

SCHEDULE

Person(s) or Organization(s):

All Certificate Holders where Notice of Cancellation is required by written contract with the Named Insured

Address:

Reasons:

Number of Days Notice

Nonpayment Of Premium: _____ 10 Days

Cancellation For Any Other Reason: _____ 90 Days

Nonrenewal (When We Do Not Renew): _____ 90 Days

Material Change In Coverage: _____ 90 Days

For any reasons described in the above Schedule for which the Number of Days Notice is completed, we agree to mail advance written notice of not less than the Number of Days shown in the above Schedule to the Person(s) or Organization(s) at the Address shown in the above Schedule.

IL 10 (12/06) OLD REPUBLIC INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

SCHEDULE

Name of Person or Organization:

All Persons and/or Organizations that require a written contract or agreement with the insured, executed prior to the accident or loss, that waiver of subrogation be provided under this policy for work performed by you for that Person and/or Organization.

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

The **Transfer Of Rights Of Recovery Against Others To Us** Condition is changed by adding the following:

We waive any right of recovery we may have against the person(s) or organization(s) shown in the Schedule because of payments we make for injury or damage. This waiver applies only to the person or organization shown in the Schedule.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Any person or organization whom you are required in a written contract or written agreement to add as an additional insured on this policy and for whom no other endorsement on this policy provides additional insured status.

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. **Section II – Who Is An Insured** is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.
- B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:

2. Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with

such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or

- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Any person or organization whom you are required in a written contract or written agreement to add as an additional insured on this policy and for whom no other endorsement on this policy provides additional insured status.

Location And Description of Completed Operations:**Additional Premium:**

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Section II – Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" at the location designated and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

IL 10 (12/06) OLD REPUBLIC INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION, NONRENEWAL OR MATERIAL CHANGE IN COVERAGE TO SCHEDULED PERSON(S) OR ORGANIZATION(S)

SCHEDULE

Person(s) or Organization(s):

All Certificate Holders where Notice of Cancellation is required by written contract with the Named Insured

Address:

Reasons:

Number of Days Notice

Nonpayment Of Premium: _____ 10 _____ Days

Cancellation For Any Other Reason: _____ 90 _____ Days

Nonrenewal (When We Do Not Renew): _____ 90 _____ Days

Material Change In Coverage: _____ 90 _____ Days

For any reasons described in the above Schedule for which the Number of Days Notice is completed, we agree to mail advance written notice of not less than the Number of Days shown in the above Schedule to the Person(s) or Organization(s) at the Address shown in the above Schedule.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and

- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

Any person or organization that requires you to waive your rights of recovery, in a written contract or agreement with the Named Insured that is executed prior to the accident or loss.

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

IL 10 (12/06) OLD REPUBLIC INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET NOTIFICATION TO OTHERS OF CANCELLATION

This endorsement modifies insurance provided under the following:

CONTRACTOR'S PROFESSIONAL LIABILITY INSURANCE

- A.** If we cancel this policy by written notice to the first "Named Insured" for any reason other than nonpayment of premium, we will deliver electronic notification that such policy has been cancelled to each person or organization shown in a Schedule provided to us by the First "Named Insured". Such Schedule:
1. Must be initially provided to us within 15 days:
 - a. After the beginning of the "Policy Period" shown in the Declarations; or
 - b. After this endorsement has been added to policy;
 2. Must contain the names and e-mail addresses of only the persons or organizations requiring notification that such policy has been cancelled;
 3. Must be in an electronic format that is acceptable to us; and
 4. Must be accurate.
- Such Schedule may be updated and provided to us by the first "Named Insured" during the "Policy Period". Such updated Schedule must comply with Paragraphs **2.**, **3.**, and **4.** above.
- B.** Our delivery of the electronic notification as described in Paragraph **A.** of this endorsement will be based on the most recent Schedule in our records as of the date the notice of cancellation is mailed or delivered to the first "Named Insured". Delivery of the notification as described in Paragraph **A.** of this endorsement will be completed as soon as practicable after the effective date of cancellation to the first "Named Insured".
- C.** Proof of emailing the electronic notification will be sufficient proof that we have complied with Paragraphs **A.** and **B.** of this endorsement.
- D.** Our delivery of electronic notification described in Paragraphs **A.** and **B.** of this endorsement is intended as a courtesy only. Our failure to provide such delivery of electronic notification will not:
1. Extend the policy cancellation date;
 2. Negate the cancellation; or
 3. Provide any additional insurance that would not have been provided in the absence of this endorsement.
- E.** We are not responsible for the accuracy, integrity, timeliness and validity of information contained in the Schedule provided to us as described in Paragraphs **A.** and **B.** of this endorsement.

CPL 765 010 0318

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OLD REPUBLIC INSURANCE COMPANY

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY POLICY

DESIGNATED ENTITY - NOTICE OF CANCELATION PROVIDED BY US ENDORSEMENT

SCHEDULE

Number of Days Notice of Cancellation: 90

Person or Organization:

ALL CERTIFICATE HOLDERS WHERE NOTICE OF CANCELLATION IS
REQUIRED BY WRITTEN CONTRACT WITH THE NAMED INSURED

Address:

If we cancel this policy for any statutorily permitted reason other than nonpayment of premium, and a number of days is shown for cancellation in the schedule above, we will mail notice of cancellation to the person or organization shown in the schedule above. We will mail such notice to the address shown in the schedule above at least the number of days shown for cancellation in the schedule above before the effective date of cancellation.

WC 99 03 65 (03/11)

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POLICY NUMBER: MWC 312908 25

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

WHERE REQUIRED BY WRITTEN CONTRACT

DATE OF ISSUE:

WC 00 03 13

(Ed. 4-84)

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