



**BOARD OF SUPERVISORS AGENDA ITEM REPORT
AWARDS / CONTRACTS / GRANTS**

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 03/15/2022

** = Mandatory, information must be provided*

or Procurement Director Award: ☐

***Contractor/Vendor Name/Grantor (DBA):**

Hunter Contracting Co.

***Project Title/Description:**

Construction Manager at Risk Services – Tres Rios Headworks Biofilter Odor Control (3THBOC)

***Purpose:**

Amendment of Award: Contract No. CT-WW-21-463, Amendment No. Two (2). This amendment incorporates Guaranteed Maximum Price No. 2 (GMP-2), extends the term of the contract to 08/31/23 and increases the contract amount by \$5,872,410.47 for a cumulative not-to-exceed amount of \$8,868,782.23.

GMP-2 provides for all construction activities for this project. The contractor will meet a three percent (3%) Small Business Enterprise (SBE) goal for this GMP. Administering Department: Regional Wastewater Reclamation.

***Procurement Method:**

Pursuant to Solicitation for Qualifications No. SFQ-PO-2100012, on 06/22/21, the Board of Supervisors awarded a contract for this project in the amount of \$160,389.38 for a contract term of 06/22/21 to 10/31/22.

Amendment No. One (1) was approved by the Procurement Director on 10/18/22, to increase the contract amount by \$2,835,982.38 for a cumulative not-to-exceed amount of \$2,996,371.76 and incorporate Guaranteed Maximum Price No. One (GMP-1) for the ordering of long-lead equipment for this project..

On 06/22/21 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 and Pre-construction Services does not exceed \$6,160,389.38 and the contract expiration date does not exceed October 31, 2022, which allows for all contract close-out activities and final submittals.

Attachment: Amendment No. Two (2)

***Program Goals/Predicted Outcomes:**

This project will install biofilter technology capable of improved treatment of the current odor loading as well as the anticipated loading through the year 2050.

***Public Benefit:**

Implementing biofilter technology for odor treatment at the headworks will replace the existing Granulated Active Carbon (GAC) system which is less effective and more costly. A biofilter will reduce the operations & maintenance cost of carbon material and labor while providing better odor treatment and cleaner air for employees and the community now and into the future.

***Metrics Available to Measure Performance:**

The success of the project can be determined by a project completion schedule and within budget as well as a reduction of odor complaints from the community.

***Retroactive:**

No.

TO: COB 3-2-2022 (1)
VERS: 4
PGS: 89

03-02-22 AM 08:14

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (*) fields

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
 Commencement Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
☐ Expense Amount \$ _____ ☐ Revenue Amount: \$ _____

***Funding Source(s) required:** _____

Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No

If Yes, is the Contract to a vendor or subrecipient? _____

Were insurance or indemnity clauses modified? ☐ Yes ☐ No
 If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☐ No
 If Yes, attach the required form per Administrative Procedure 22-10.

Amendment / Revised Award Information

Document Type: CT Department Code: WW Contract Number (i.e., 15-123): 21-463
 Amendment No.: 2 AMS Version No.: 4
 Commencement Date: 03/15/22 New Termination Date: 08/31/23
 Prior Contract No. (Synergen/CMS): _____

☒ Expense ☐ Revenue ☒ Increase ☐ Decrease

Amount This Amendment: \$ 5,872,410.47

Is there revenue included? ☐ Yes ☒ No If Yes \$ _____

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

Funding from General Fund? ☐ Yes ☒ No If Yes \$ _____ % _____

Grant/Amendment Information (for grants acceptance and awards)

☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____
 Commencement Date: _____ Termination Date: _____ Amendment Number: _____
☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____

***All Funding Source(s) required:** _____

*Match funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

*Match funding from other sources? ☐ Yes ☐ No If Yes \$ _____ % _____

*Funding Source: _____

*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)? _____

Contact: Keith E. Rogers Digitally signed by Keith E. Rogers
 Date: 2022.02.23 14:11:37 -07'00'

Scott Loomis Digitally signed by Scott Loomis
 Date: 2022.02.23 14:27:50 -07'00'

Department: Procurement Director: Terri Spencer Digitally signed by Terri Spencer
 Date: 2022.02.24 11:32:03 -07'00'

Telephone: 520-724-3542

Department Director Signature: [Signature]

Date: 2/24/22

Deputy County Administrator Signature: [Signature]

Date: 2/24/2022

County Administrator Signature: [Signature]

Date: 2/24/2022

PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT

PROJECT: Construction Manager at Risk Services –
Tres Rios Headworks Biofilter Odor Control (3THBOC)

CONTRACTOR: Hunter Contracting Co.
701 N. Cooper Rd.
Gilbert, AZ 85233

CONTRACT NO.: CT-WW-21-463

AMENDMENT NO.: Two (2)

FUNDING: Regional Wastewater Reclamation Department Obligations

CONTRACT TERM: 06/22/2021 - 10/31/2022	ORIGINAL CONTRACT AMOUNT:	\$	160,389.38
TERMINATION PRIOR AMENDMENT: 10/31/2022	PRIOR AMENDMENT(S):	\$	2,835,982.38
TERMINATION THIS AMENDMENT: 08/31/2023	AMOUNT THIS AMENDMENT:	\$	5,872,410.47
	REVISED CONTRACT AMOUNT:	\$	8,868,782.23

CONTRACT AMENDMENT

WHEREAS, COUNTY and CONTRACTOR have entered into the Contract referenced above; and

WHEREAS, construction of the project was anticipated to be conducted in multiple phases; and

WHEREAS, COUNTY and CONTRACTOR previously incorporated Guaranteed Maximum Price No. 1 (GMP-1) into the contract for acquiring long lead materials required for the project; and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 2 have agreed to incorporate Guarantee Maximum Price No. 2 (GMP-2) into the contract for construction services of this project; and

WHEREAS, Solicitation for Qualifications No. SFQ-PO-2100012, upon which the procurement for this contract was based, provided that COUNTY would establish the goal for Small Business Enterprise (SBE) utilization for the construction under this contract in conjunction with the establishment of the GMP; and

WHEREAS, COUNTY and CONTRACTOR have reviewed all required documentation regarding available subcontracting opportunities, the certified SBEs who are ready, willing able and qualified to perform the construction, and have agreed to the establishment of an SBE Goal of Three Percent (3%) for GMP-2 of this project; and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 2, agree to incorporate the GMP-2 SBE goal, and contractual provisions, conditions, terms, agreements and related documents required for this construction phase of the project into the contract; and

WHEREAS, COUNTY and CONTRACTOR pursuant to Article 3, have agreed to increase the Contract amount as identified in GMP-2; and

WHEREAS, COUNTY'S acceptance of GMP-2 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable; and

WHEREAS, COUNTY and CONTRACTOR pursuant to Article 1 have agreed to extend the contract term.

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 1 – TERM

FROM: This Contract ...terminates on October 31, 2022...

TO: This Contract...terminates on August 31, 2023...

CHANGE: ARTICLE 2 – SCOPE OF WORK

Add the following paragraphs:

K. The Parties agree to proceed with GMP-2 for the Construction Services of the project. The provisions, Scope of Work, and GMP-2 are hereby included in Appendix "F" to the Contract.

L. The Parties agree the SBE Requirements and Goal set for GMP-2 is established at 3%. The SBE Requirements are hereby included in Appendix "G" to the Contract.

CHANGE: ARTICLE 3 - PRE-CONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE, Paragraph A, as amended in amendment one, as follows:

FROM: "COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages), Appendix "C" General Conditions (48 pages), and Appendix "E" – GMP-1 (148 pages). Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as applicable bond and insurance costs."

TO: "COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages), Appendix "C" General Conditions (48 pages), Appendix "E" – GMP-1 (148 pages) and **Appendix "F" – (GMP-2) (81 pages)**. Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as applicable bond and insurance costs."

CHANGE: ARTICLE 3 - PRE-CONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE, Paragraph B, as amended in amendment one, as follows:

FROM: "The Pre-construction Services Fee will not exceed One Hundred Sixty Thousand Three Hundred Eighty-Nine dollars and Thirty-Eight cents (\$160,389.38), in accordance with the Pre-construction Services Fee Proposal incorporated herein as Appendix "D" Preconstruction Services Fee Proposal (11 pages). CMAR GMP-1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance, and taxes (indirect construction costs) which comprises GMP-1 in the amount of Two Million, Eight Hundred Thirty-Five Thousand, Nine Hundred Eighty-Two Dollars and Thirty-Eight Cents (\$2,835,982.38) is hereby included in Appendix "E" and represents the maximum amount the County will pay for the work identified in Appendix "E". COUNTY's acceptance of GMP-1 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable."

TO: "The Pre-construction Services Fee will not exceed One Hundred Sixty Thousand Three Hundred Eighty-Nine dollars and Thirty-Eight cents (\$160,389.38), in accordance with the Pre-construction Services Fee Proposal incorporated herein as Appendix "D" Preconstruction Services Fee Proposal (11 pages). CMAR GMP-1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance, and taxes (indirect construction costs) which comprises GMP-1 in the amount of Two Million, Eight Hundred Thirty-Five Thousand, Nine Hundred Eighty-Two Dollars and Thirty-Eight Cents (\$2,835,982.38) is hereby included in Appendix "E" and represents the maximum amount the County will pay for the work identified in Appendix "E". **CMAR GMP-2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance, and taxes (indirect construction costs) which comprises GMP-2 in the amount of Five Million, Eight Hundred Seventy-Two Thousand, Four Hundred Ten Dollars and Forty-Seven Cents (\$5,872,410.47) is hereby included in Appendix "F" and represents the maximum amount the County will pay for the work identified in Appendix "F."** COUNTY's acceptance of GMP-2 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable."

ADD: The following documents to the Contract:
APPENDIX "F" Construction Manager at Risk (CMAR) Services for Tres Rios Headworks Biofilter Odor Control – Project No. 3THBOC, Construction GMP-2, proposal dated December 22, 2021 (81 pages).

ADD: The following documents to the Contract:
APPENDIX "G" SBE Requirements (2 pages).

(The Remainder of this page is intentionally left blank.)

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

IN WITNESS THEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

CONTRACTOR:

Chair, Board of Supervisors

Charles English

Date

Charles English, President
Name and Title (Please Print)

3/1/22
Date

ATTEST:

Clerk of the Board

Date

APPROVED AS TO FORM:

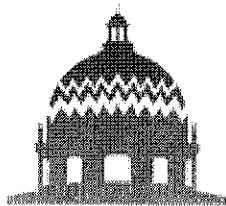
Stacey Roseberry

Deputy County Attorney

Stacey Roseberry
Name (Please Print)

3/1/2022
Date

proposal date December 22, 2021 (81 pages)



PIMA COUNTY

WASTEWATER RECLAMATION

Tres Rios Headworks Biofilter Odor Control

Project No: 3THBOC

Contract No: CT-WW21-463

Submitted: December 22, 2021

Construction GMP #2

Agency Review Set

Hunter
CONTRACTING CO.

701 N. Cooper Rd.

Gilbert, AZ 85233

Phone: 480-892-0521

Fax: 480-892-4932



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SUMMARY OF THE GMP

Project Name: Tres Rios Headworks Biofilter Odor Control
 Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ
 Project No: 3THBOC
 Contract No: CT-WW21-463

GMP #2 - Construction
 12/22/2021

REFERENCE ATTACHMENT 1 TO APPENDIX "B" OF THE CONTRACT
 GMP Summary Format

CONSTRUCTION		AMOUNT
CONSTRUCTION COSTS:		
Cost of Construction - Agency Review Set		\$ 4,257,106.60
CMAR Contingency	0.00%	\$ -
Subtotal (Direct Construction Costs)		\$ 4,257,106.60
INDIRECT CONSTRUCTION COSTS:		
General Conditions - Construction		\$ 375,262.32
Overhead	6.32%	\$ 318,930.65
Insurance	1.00%	\$ 50,463.71
Payment and Performance Bonds	0.79%	\$ 44,607.73
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance)		\$ 5,046,371.01
Construction Fee (As a percentage of Subtotal above or to exclude any items above)	5.00%	\$ 252,318.55
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance and Fee)		\$ 5,298,689.56
Arizona Gross Receipts Tax	6.57%	\$ 347,858.97
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance, Fee and Tax)		\$ 5,646,548.53
GUARANTEED MAXIMUM PRICE (GMP)		\$ 5,646,548.53
OTHER PROJECT COSTS:		
Owner's Contingency	4.00%	\$ 225,861.94
TOTAL CONTRACT COST		\$ 5,872,410.47



SCOPE OF WORK

Project Name: Tres Rios Headworks Biofilter Odor Control

Agency Review Set

Project Location: 7101 N. Casa Grande Hwy., Tucson, AZ

12/22/2021

Project No: 3THBOC

Contract No: CT-WW21-463

The following is a brief description of the work being performed within the Construction GMP for the Tres Rios Headworks Biofilter Odor Control project for Pima County project No. 3THBOC. The Construction GMP is based upon the Jacobs Agency Review Set. Scope of work includes the installation of the Headworks Odor Control Biofilter and Headworks Odor Control Electrical Building. This work also includes installation of GMP #1 Early Procurement items associated with the biofilter, foul air piping, blowers and electrical & control equipment. The total number of days for construction is based on 125 days for construction submittals and procurement and 327 days for construction. Estimated completion date of June 30th, 2023.



SCHEDULE OF VALUES

Project Name: Tres Rios Headworks Biofilter Odor Control

GMP #2 - Construction

Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ

12/22/2021

Project No: 3THBOC

Contract No: CT-WW21-463

SCHEDULE OF VALUES		Agency Review Set Cost Model			
QBS	Description - Cost of Construction	Quantity	UoM	Unit Cost	Total Cost
1.10	Quality Control	1	EA	\$ 26,500.00	\$ 26,500.00
1.20	Start-up	1	EA	\$ 32,698.00	\$ 32,698.00
1.30	O&M / Closeout	1	EA	\$ 16,058.05	\$ 16,058.05
1.40	SWPPP Install and Maintenance Complete	1	EA	\$ 14,656.20	\$ 14,656.20
1.50	Temp Bypass Odor Control	1	EA	\$ 234,992.13	\$ 234,992.13
1.60	Mobilization	1	EA	\$ 14,494.08	\$ 14,494.08
2.10	Demo Existing Structures	1	EA	\$ 71,051.52	\$ 71,051.52
2.20	Demo Existing Ductbanks / Underground	1	EA	\$ 41,419.65	\$ 41,419.65
2.30	Remove Existing Asphalt	1	EA	\$ 13,007.40	\$ 13,007.40
3.10	Electrical Building Foundation / Slab	1	EA	\$ 26,721.35	\$ 26,721.35
3.20	Biofilter Structure	1	EA	\$ 903,646.29	\$ 903,646.29
3.30	Misc. Concrete - Curbing/Equipment Pads	1	EA	\$ 47,633.71	\$ 47,633.71
5.10	Biofilter Railing	1	EA	\$ 85,289.61	\$ 85,289.61
5.20	Exhaust Stack	1	EA	\$ 64,358.16	\$ 64,358.16
5.30	Misc. Metals - Stairs/Embeds/Hatches, Misc.	1	EA	\$ 237,936.39	\$ 237,936.39
9.10	Painting / Coatings	1	EA	\$ 76,072.00	\$ 76,072.00
23.10	Foul Air Ducting			GMP #1	\$ -
23.11	Foul Air Ducting Installation	1	EA	\$ 72,883.36	\$ 72,883.36
23.20	Foul Air Odor Control Fans			GMP #1	\$ -
23.21	Foul Air Odor Control Fan Installation & Blower Change	1	EA	\$ 30,399.72	\$ 30,399.72
23.30	Foul Air Demisters			GMP #1	\$ -
23.31	Foul Air Demisters / Humidifier Install	1	EA	\$ 16,889.98	\$ 16,889.98
23.40	Foul Air Dampers / Accessories	1	EA	\$ 52,424.00	\$ 52,424.00
26.10	Primary Feeders	1	EA	\$ 162,163.64	\$ 162,163.64
26.20	Lightning Protection	1	EA	\$ 54,417.33	\$ 54,417.33
26.30	Tax Exempt Electrical Equipment / Gear			GMP #1	\$ -
26.40	Electrical Installation	1	EA	\$ 157,919.09	\$ 157,919.09
26.50	Odor Control Facility Electrical	1	EA	\$ 309,309.84	\$ 309,309.84
26.60	Programming	1	EA	\$ 48,975.60	\$ 48,975.60
31.10	Biofilter Excavation	1	EA	\$ 161,011.08	\$ 161,011.08
31.20	Electrical Trenching	1	EA	\$ 104,481.27	\$ 104,481.27
31.30	Electrical Building Excavation	1	EA	\$ 20,912.36	\$ 20,912.36
31.40	Biofilter Drains	1	EA	\$ 39,501.12	\$ 39,501.12
31.50	Roadway Grade	565	SY	\$ 15.25	\$ 8,616.76
31.60	Biofilter Backfill	1	EA	\$ 87,809.93	\$ 87,809.93
32.10	Roadway ABC	112	TN	\$ 82.50	\$ 9,240.00
32.20	Paving	150	TN	\$ 120.41	\$ 18,062.16
32.30	Sidewalks	1	EA	\$ 2,160.00	\$ 2,160.00
40.10	Piping Supports	1	EA	\$ 85,347.36	\$ 85,347.36
40.20	Process Piping	1	EA	\$ 40,874.42	\$ 40,874.42
40.30	Instrumentation & Control	1		GMP #1	\$ -
40.31	I&C Installation	1	EA	\$ 64,798.46	\$ 64,798.46
44.10	Biofilter Piping	1		GMP #1	\$ -
44.11	Biofilter Piping Install	1	EA	\$ 68,440.56	\$ 68,440.56
44.12	Biofilter Humidifier	1	EA	\$ 72,000.00	\$ 72,000.00
44.20	Biofilter Media	1		GMP #1	\$ -
44.21	Biofilter Media Freight Allowance	1	EA	\$ 225,000.00	\$ 225,000.00
44.22	Biofilter Media Install	1	EA	\$ 175,795.62	\$ 175,795.62
50.00	Electrical Building Construction	1	EA	\$ 261,138.40	\$ 261,138.40
SUBTOTAL DIRECT COST (CONSTRUCTION)					\$ 4,257,106.60

Attachment D

CBS	Description - General Conditions	Quantity	UoM	Unit Cost	Total Cost
51.20	Temp Facilities (Yard Rental, Construction Fence, Water&Ice, Dumpster, J-John's)	12	MO	\$ 3,314.17	\$ 39,770.04
51.30	Project, Manager (Construction)	706.0	HR	\$ 101.00	\$ 71,306.00
51.30	Project, Engineer (Construction)	706.0	HR	\$ 79.50	\$ 56,127.00
51.30	Project, Start-up/QC Manager (Construction)	120.0	HR	\$ 101.00	\$ 12,120.00
51.30	Superintendent (Construction)	1,512.0	HR	\$ 83.50	\$ 126,252.00
51.30	Truck, Pick Up	1,532.0	HR	\$ 22.64	\$ 34,684.48
51.20	Truck, Pick Up, Superintendent	1,512.0	HR	\$ 23.15	\$ 35,002.80
SUBTOTAL INDIRECT COST (GENERAL CONDITIONS)					\$ 375,262.32
GRAND TOTAL COST (CONSTRUCTION + GENERAL CONDITIONS)					\$ 4,632,368.92

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
	JOB	1.00	Lump						\$4,287,709.60
1	1.1 - Quality Control	1.00	LS	\$0.00	\$0.00	\$0.00	\$26,500.00	\$0.00	\$26,500.00
1.1	Third Party Inspector	1.00	LS	\$0.00	\$0.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00
1.1.1	Special Inspections Allowance: HDPE Liner and other	2.00	EA	\$0.00	\$0.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00
1.2	QC/QA for GMP 2 Construction	1.00	LS	\$0.00	\$0.00	\$0.00	\$12,500.00	\$0.00	\$12,500.00
1.2.1	Hire the Firm to do the testing	1.00	LS	\$0.00	\$0.00	\$0.00	\$12,500.00	\$0.00	\$12,500.00
1.3	Survey	1.00	LS	\$0.00	\$0.00	\$0.00	\$11,000.00	\$0.00	\$11,000.00
2	1.2 - Startup	1.00	LS	\$14,332.60	\$2,378.00	\$328.00	\$15,644.01	\$0.00	\$32,682.61
2.1	HCC OC Startup	1.00	LS	\$8,909.00	\$1,450.00	\$200.00	\$10,000.00	\$0.00	\$20,559.00
2.1.1	Monitor Operation	1.00	LS	\$3,563.60	\$580.00	\$80.00	\$0.00	\$0.00	\$4,223.60
2.1.2	Lambtech	1.00	LS	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$10,000.00
2.1.3	Manufactures' Rep (BioRem, Hartzall, Gear/Instrume	1.00	LS	\$5,345.40	\$870.00	\$120.00	\$0.00	\$0.00	\$6,335.40
2.1.3.1	Installation Check out, Balance and Adjust	1.00	LS	\$5,345.40	\$870.00	\$120.00	\$0.00	\$0.00	\$6,335.40
2.2	Electrical Startup	1.00	LS	\$3,563.60	\$580.00	\$80.00	\$5,644.01	\$0.00	\$9,867.61
2.2.1	I/O Checks	1.00	LS	\$3,563.60	\$580.00	\$80.00	\$0.00	\$0.00	\$4,223.60
2.2.1.1	Hunter personnell-I/O Checks	1.00	LS	\$3,563.60	\$580.00	\$80.00	\$0.00	\$0.00	\$4,223.60
2.2.2	SMS Start up-Electrical	1.00	LS	\$0.00	\$0.00	\$0.00	\$5,644.01	\$0.00	\$5,644.01
2.3	Operator Training	1.00	LS	\$1,860.00	\$348.00	\$48.00	\$0.00	\$0.00	\$2,256.00
2.3.1	Hunter will facilitate: attend and follow up	1.00	LS	\$1,860.00	\$348.00	\$48.00	\$0.00	\$0.00	\$2,256.00
3	1.3 - O&M / Closeout	1.00	LS	\$10,160.00	\$1,740.00	\$240.00	\$3,907.39	\$0.00	\$16,047.39
3.1	Closeout Docs (As Builts, Photos, turn over Spare Parts,	10.00	DY	\$10,160.00	\$1,740.00	\$240.00	\$0.00	\$0.00	\$12,140.00
3.2	SMS Electrical As Builts and O&M Documentation	1.00	LS	\$0.00	\$0.00	\$0.00	\$3,907.39	\$0.00	\$3,907.39
4	1.4 - SWPPP	1.00	LS	\$11,281.20	\$435.00	\$540.00	\$2,400.00	\$0.00	\$14,656.20

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
4.1	SWPPP Binder Requirement	1.00	LS	\$0.00	\$0.00	\$0.00	\$750.00	\$0.00	\$750.00
4.2	SWPPP Set-up and Maintenance: Cradle to Grave durati	15.00	DY	\$11,281.20	\$435.00	\$540.00	\$0.00	\$0.00	\$12,256.20
4.3	SWPPP Materials	1.00	LS	\$0.00	\$0.00	\$0.00	\$1,650.00	\$0.00	\$1,650.00
5	1.5 - Temp Bypass Odor Control	1.00	LS	\$23,371.36	\$10,209.40	\$2,497.88	\$198,661.21	\$205.38	\$234,945.23
5.1	Temp Bypass OC: Purchase FRP / HDPE	1.00	LS	\$0.00	\$0.00	\$0.00	\$175,000.00	\$0.00	\$175,000.00
5.2	Pour Maintenance Slab	225.00	SF	\$4,382.92	\$733.40	\$675.88	\$1,280.00	\$52.50	\$7,124.70
5.2.1	subgrade prep of this slab	225.00	SF	\$1,074.40	\$280.40	\$402.38	\$0.00	\$0.00	\$1,757.18
5.2.1.1	RS/PS Floor - Fine Grade (temp oc slab for Tres Ri	225.00	SF	\$1,074.40	\$280.40	\$48.00	\$0.00	\$0.00	\$1,402.80
5.2.1.2	ABC-10% waste or (minimum load)	21.00	TN	\$0.00	\$0.00	\$354.38	\$0.00	\$0.00	\$354.38
5.2.2	Form Pour and Strip the Slab	5.00	CY	\$3,308.52	\$453.00	\$273.50	\$1,280.00	\$52.50	\$5,367.52
5.2.2.1	Form	55.00	SF	\$1,580.00	\$116.00	\$201.50	\$0.00	\$0.00	\$1,897.50
5.2.2.2	Pour-1/2 day	5.00	CY	\$1,333.52	\$308.00	\$56.00	\$0.00	\$52.50	\$1,750.02
5.2.2.3	Strip- 1/4 day	55.00	SF	\$395.00	\$29.00	\$16.00	\$0.00	\$0.00	\$440.00
5.2.2.4	Purchase Concrete: short load order	8.00	CY	\$0.00	\$0.00	\$0.00	\$1,080.00	\$0.00	\$1,080.00
5.2.2.5	buy mesh for this	100.00	LB	\$0.00	\$0.00	\$0.00	\$200.00	\$0.00	\$200.00
5.3	Disconnect / Relocate Existing Carbon Vessel	1.00	LS	\$3,324.32	\$1,592.00	\$280.00	\$1,880.00	\$35.28	\$7,111.60
5.3.1	Mechanical Crew prep one day /then lifting 2nd day	1.00	LS	\$3,324.32	\$1,592.00	\$280.00	\$0.00	\$35.28	\$5,231.60
5.3.2	Vactor / Remove Carbon	8.00	HR	\$0.00	\$0.00	\$0.00	\$1,880.00	\$0.00	\$1,880.00
5.4	Disconnect / Move Blowers	1.00	LS	\$1,545.24	\$656.00	\$108.00	\$0.00	\$11.76	\$2,321.00
5.4.1	Mechanical/Millwrights with lifting-plan with other pic	1.00	LS	\$1,545.24	\$656.00	\$108.00	\$0.00	\$11.76	\$2,321.00
5.5	Temporary Electrical for the 1.5 - Temp Bypass Odor C	1.00	LS	\$0.00	\$0.00	\$0.00	\$17,201.21	\$0.00	\$17,201.21
5.6	Fiberglass Connections into Existing Ductwork	1.00	LS	\$831.08	\$398.00	\$84.00	\$2,500.00	\$11.76	\$3,824.84
5.6.1	Purchase FG and Ductwork adaptation	1.00	LS	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
5.6.2	Mechanical/Millwrights with lifting 1/2day	1.00	LS	\$831.08	\$398.00	\$84.00	\$0.00	\$11.76	\$1,324.84
5.7	Install Vertical OC Piping / Roof	1.00	LS	\$831.08	\$398.00	\$84.00	\$800.00	\$11.76	\$2,124.84
5.7.1	Purchase mats for Install Vertical OC Piping / Roof	1.00	LS	\$0.00	\$0.00	\$0.00	\$800.00	\$0.00	\$800.00
5.7.2	Mechanical/Millwrights with 1/2day lift	1.00	LS	\$831.08	\$398.00	\$84.00	\$0.00	\$11.76	\$1,324.84
5.8	Install Temporary Odor Control Ductwork	1.00	LS	\$3,792.00	\$2,152.00	\$296.00	\$0.00	\$35.28	\$6,275.28
5.8.1	Mechanical/Millwrights with allow 2 days (1 up 1 dow	1.00	LS	\$3,792.00	\$2,152.00	\$296.00	\$0.00	\$35.28	\$6,275.28
5.9	Final Removals	1.00	LS	\$8,664.72	\$4,280.00	\$970.00	\$0.00	\$47.04	\$13,961.76
5.9.1	Demo Concrete Slab	1.00	LS	\$1,782.24	\$516.00	\$164.00	\$0.00	\$0.00	\$2,462.24
5.9.1.1	Mechanical/Millwrights with load and haul off one	1.00	LS	\$1,782.24	\$516.00	\$164.00	\$0.00	\$0.00	\$2,462.24
5.9.2	Relocate Blower & Piping to Boneyard	1.00	LS	\$714.16	\$458.00	\$24.00	\$0.00	\$0.00	\$1,196.16
5.9.2.1	Mechanical/Millwrights with 1/2day	1.00	LS	\$714.16	\$458.00	\$24.00	\$0.00	\$0.00	\$1,196.16
5.9.3	Final Patching Fiberglass	1.00	LS	\$714.16	\$358.00	\$374.00	\$0.00	\$0.00	\$1,446.16
5.9.3.1	Mechanical/Millwrights with 1/2day	1.00	LS	\$714.16	\$358.00	\$374.00	\$0.00	\$0.00	\$1,446.16
5.9.4	Reconnect Carbon Vessel	1.00	LS	\$5,454.16	\$2,948.00	\$408.00	\$0.00	\$47.04	\$8,857.20
5.9.4.1	Set Vessel	1.00	LS	\$1,662.16	\$796.00	\$112.00	\$0.00	\$11.76	\$2,581.92
5.9.4.1.1	Mechanical/Millwrights with lifting-1/2	1.00	LS	\$1,662.16	\$796.00	\$112.00	\$0.00	\$11.76	\$2,581.92
5.9.4.2	Install New Carbon Media	1.00	LS	\$3,792.00	\$2,152.00	\$296.00	\$0.00	\$35.28	\$6,275.28
5.9.4.2.1	Mechanical/Millwrights with lifting	1.00	LS	\$3,792.00	\$2,152.00	\$296.00	\$0.00	\$35.28	\$6,275.28
6	1.6 - Mobilization	1.00	LS	\$4,702.08	\$9,600.00	\$192.00	\$0.00	\$0.00	\$14,494.08
6.1	Equipment Mob Avg 5.0% of Equip Cost for all mob	12.00	LD	\$4,702.08	\$9,600.00	\$192.00	\$0.00	\$0.00	\$14,494.08
7	2.1 - Demo Existing Structures	1.00	LS	\$37,641.92	\$23,289.60	\$1,690.00	\$8,430.00	\$0.00	\$71,051.52
7.1	Prior to Demo: Additional Pothole and Utility Locating	1.00	LS	\$1,744.32	\$284.80	\$64.00	\$4,880.00	\$0.00	\$6,973.12
7.2	Suspend SC to SMS Hunter Pricing of the Demolition: c	1.00	LS	\$35,897.60	\$23,004.80	\$1,626.00	\$3,550.00	\$0.00	\$64,078.40

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
7.2.1	Mechanical Demolition in Area 106	1.00	LS	\$9,859.20	\$5,910.40	\$384.00	\$1,350.00	\$0.00	\$17,503.60
7.2.1.1	Remove Existing Valves Pipes Supports Chemical S	1.00	LS	\$6,572.80	\$4,473.60	\$256.00	\$0.00	\$0.00	\$11,302.40
7.2.1.2	Cap and Plug and secure Utilites demolished for A	1.00	EA	\$3,286.40	\$1,436.80	\$128.00	\$0.00	\$0.00	\$4,851.20
7.2.1.3	Purchase Pipe/Caps, Fittings for Closure of Demoli	1.00	LS	\$0.00	\$0.00	\$0.00	\$1,350.00	\$0.00	\$1,350.00
7.2.2	Crane Service: lift and load larger equipment Area 10	4.00	HR	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00	\$600.00
7.2.3	Civil Demolition in Area 106	1.00	LS	\$23,004.80	\$15,657.60	\$896.00	\$0.00	\$0.00	\$39,558.40
7.2.3.1	Remove Concrete	1.00	LS	\$23,004.80	\$15,657.60	\$896.00	\$0.00	\$0.00	\$39,558.40
7.2.3.1.1	Remove Existing Ductwork Foundations (1 week	20.00	EA	\$8,216.00	\$5,592.00	\$320.00	\$0.00	\$0.00	\$14,128.00
7.2.3.1.2	Remove Existing Containment Area (Actual Cost	1.00	LS	\$3,286.40	\$2,236.80	\$128.00	\$0.00	\$0.00	\$5,651.20
7.2.3.1.3	Remove Existing Biotrickling Pads (Actual Cost)	2.00	EA	\$6,572.80	\$4,473.60	\$256.00	\$0.00	\$0.00	\$11,302.40
7.2.3.1.4	Remove Existing Blower Pads	2.00	EA	\$2,464.80	\$1,677.60	\$96.00	\$0.00	\$0.00	\$4,238.40
7.2.3.1.5	Remove Existing Electrical Pads	2.00	EA	\$2,464.80	\$1,677.60	\$96.00	\$0.00	\$0.00	\$4,238.40
7.2.4	Haul off and Disposal Costs-5 days concurrent with d	8.00	HR	\$3,033.60	\$1,436.80	\$346.00	\$1,600.00	\$0.00	\$6,416.40
8	2.2 - Demo Exsiting Ductbanks	1.00	LS	\$3,286.40	\$1,436.80	\$128.00	\$36,469.00	\$0.00	\$41,320.20
8.1	SMS Demolition Scope under this Bid Item: 2.2 - Demo	1.00	LS	\$0.00	\$0.00	\$0.00	\$36,469.00	\$0.00	\$36,469.00
8.1.1	SMS Demolition Scope under this Bid Item: 2.2 - De	1.00	LS	\$0.00	\$0.00	\$0.00	\$36,469.00	\$0.00	\$36,469.00
8.2	Hunter Pricing of the Demolition @ Existing Duct Banks	1.00	LS	\$3,286.40	\$1,436.80	\$128.00	\$0.00	\$0.00	\$4,851.20
8.2.1	Demo Existing Ductbanks	1.00	LS	\$3,286.40	\$1,436.80	\$128.00	\$0.00	\$0.00	\$4,851.20
9	2.3 - Remove Existing Asphalt	1.00	LS	\$3,033.60	\$8,195.80	\$378.00	\$1,400.00	\$0.00	\$13,007.40
9.1	Hunter Removals of Existing Asphalt	1.00	LS	\$3,033.60	\$8,195.80	\$378.00	\$1,400.00	\$0.00	\$13,007.40
9.1.1	Remove Ashphalt-two areas	565.00	SY	\$1,643.20	\$718.40	\$314.00	\$1,400.00	\$0.00	\$4,075.60
9.1.1.1	Sawcut Asphalt Pavement @ ___" Depth (Adjust f	200.00	LF	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00	\$600.00
9.1.1.2	Haul-Off AC ___" Thick, (Asphalt Swell = 1.5) (Adj	5.00	LD	\$1,643.20	\$718.40	\$314.00	\$800.00	\$0.00	\$3,475.60

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
9.1.2	Remove / 710 AC ___" Thick, (Adjust for thickness)	565.00	SY	\$1,390.40	\$602.40	\$64.00	\$0.00	\$0.00	\$2,056.80
9.1.3	Trench Patch	1.00	LS	\$0.00	\$6,875.00	\$0.00	\$0.00	\$0.00	\$6,875.00
9.1.3.1	temp patch or road plate it	275.00	SY	\$0.00	\$6,875.00	\$0.00	\$0.00	\$0.00	\$6,875.00
10	3.1 - Electrical Building Foundation/Slab	1.00	LS	\$0.00	\$0.00	\$0.00	\$26,721.35	\$0.00	\$26,721.35
10.1	SMS Bid to build the SOG and Foundation at the Electri	1.00	LS	\$0.00	\$0.00	\$0.00	\$26,721.35	\$0.00	\$26,721.35
11	3.2 - Biofilter Structure	1.00	LS	\$0.00	\$0.00	\$0.00	\$903,646.29	\$0.00	\$903,646.29
11.1	SMS Concrete Bid to Install the Biofilter Structure	1.00	Each	\$0.00	\$0.00	\$0.00	\$903,646.29	\$0.00	\$903,646.29
12	3.3 - Misc. Concrete - Curbing/Equipment Pads	1.00	LS	\$0.00	\$0.00	\$0.00	\$47,633.71	\$0.00	\$47,633.71
12.1	SMS Concrete Bid for Misc. Concrete Scope	1.00	LS	\$0.00	\$0.00	\$0.00	\$47,633.71	\$0.00	\$47,633.71
13	5.1 - Biofilter Railing	1.00	LS	\$0.00	\$0.00	\$0.00	\$85,289.61	\$0.00	\$85,289.61
13.1	Biofilter Railing	284.00	LF	\$0.00	\$0.00	\$0.00	\$58,447.54	\$0.00	\$58,447.54
13.2	S/C Millwright Install by Sub	1.00	LS	\$0.00	\$0.00	\$0.00	\$24,342.07	\$0.00	\$24,342.07
13.3	Allowance for Handrail Structural Design	1.00	LS	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00
14	5.2 - New Exhaust Stack	1.00	LS	\$5,498.40	\$4,252.00	\$1,107.76	\$53,500.00	\$0.00	\$64,358.16
14.1	Exhaust Stack PO	1.00	LS	\$0.00	\$0.00	\$0.00	\$52,650.00	\$0.00	\$52,650.00
14.2	Assemble and install the Stack	1.00	LS	\$5,498.40	\$4,252.00	\$1,107.76	\$850.00	\$0.00	\$11,708.16
15	5.3 - Misc. Metals	1.00	LS	\$0.00	\$0.00	\$0.00	\$237,936.39	\$0.00	\$237,936.39
15.1	Purchase of Metals, Railing, Stairs and Fabrications	1.00	LS	\$0.00	\$0.00	\$0.00	\$224,187.61	\$0.00	\$224,187.61
15.1.1	Allowance for Sleeves and Penetrations into BioFilter	1.00	LS	\$0.00	\$0.00	\$0.00	\$32,000.00	\$0.00	\$32,000.00
15.1.2	Allowance for wall plates and covers on BF	1.00	LS	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$100,000.00
15.1.3	Stairs and BF steps	1.00	LS	\$0.00	\$0.00	\$0.00	\$35,035.60	\$0.00	\$35,035.60
15.1.4	HUNTER IS OVERSIZING THE HATCHES TO DO TAN	3.00	EA	\$0.00	\$0.00	\$0.00	\$37,749.99	\$0.00	\$37,749.99
15.1.5	SMS Installl of the Covers and Wall Plates on thier CI	1.00	LS	\$0.00	\$0.00	\$0.00	\$19,402.02	\$0.00	\$19,402.02

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
15.2	SC Millwright installs Stairs/Steps at BF-Install only	1.00	LS	\$0.00	\$0.00	\$0.00	\$13,748.78	\$0.00	\$13,748.78
16	9.1 - Painting / Coatings	1.00	LS	\$0.00	\$0.00	\$0.00	\$76,072.00	\$0.00	\$76,072.00
16.1	New FRP Duct and Blowers	1.00	LS	\$0.00	\$0.00	\$0.00	\$19,458.00	\$0.00	\$19,458.00
16.2	New Process Piping (PVC and small diameter)	1.00	LS	\$0.00	\$0.00	\$0.00	\$6,445.00	\$0.00	\$6,445.00
16.3	Exterior Walls at Biofilter CIP Structure	1.00	LS	\$0.00	\$0.00	\$0.00	\$9,721.00	\$0.00	\$9,721.00
16.4	Exterior of the Exhaust Stack Coatings	1.00	LS	\$0.00	\$0.00	\$0.00	\$12,500.00	\$0.00	\$12,500.00
16.5	Interior of the Exhaust Stack (see 09 96 35)	1.00	LS	\$0.00	\$0.00	\$0.00	\$15,448.00	\$0.00	\$15,448.00
16.6	Budget for Caulking (look at CIP Work) the building h	1.00	LS	\$0.00	\$0.00	\$0.00	\$12,500.00	\$0.00	\$12,500.00
17	23.1 - Foul Air Ducting	1.00	LS	\$19,870.08	\$21,384.00	\$7,679.04	\$23,500.00	\$450.24	\$72,883.36
17.1	FRP Escalators: Daniel FG or Others-\$420K	1.00	LS	\$0.00	\$0.00	\$0.00	\$20,000.00	\$0.00	\$20,000.00
17.2	Consumables and Complimentary Material for FA O Duc	1.00	LS	\$0.00	\$0.00	\$0.00	\$3,500.00	\$0.00	\$3,500.00
17.3	Set Foul Air Piping	1.00	LS	\$19,870.08	\$21,384.00	\$7,679.04	\$0.00	\$450.24	\$49,383.36
17.3.1	FRP Install	1.00	LS	\$19,870.08	\$21,384.00	\$6,479.04	\$0.00	\$450.24	\$48,183.36
17.3.1.1	hunter millwright crews-FRP Install 13 ea 36" duct	1.00	LS	\$5,961.02	\$6,415.20	\$1,706.56	\$0.00	\$123.06	\$14,205.84
17.3.1.2	hunter millwright crews-FRP Install 2 ea 48" duct	1.00	LS	\$1,987.01	\$2,138.40	\$1,409.36	\$0.00	\$91.56	\$5,626.33
17.3.1.3	hunter millwright crews-FRP Install 1 ea 52" duct	1.00	LS	\$993.50	\$1,069.20	\$1,372.56	\$0.00	\$91.56	\$3,526.82
17.3.1.4	hunter millwright crews-FRP Install 20 ea 60" duct	1.00	LS	\$10,928.54	\$11,761.20	\$1,990.56	\$0.00	\$144.06	\$24,824.36
17.3.2	Gel Coat and FRP Resin work in the field Consumable	1.00	LS	\$0.00	\$0.00	\$1,200.00	\$0.00	\$0.00	\$1,200.00
18	23.2 - FA Odor Control Fans	1.00	LS	\$5,469.96	\$3,576.00	\$18,853.76	\$2,500.00	\$0.00	\$30,399.72
18.1	Install Blowers-23.2 - FA Odor Control Fans	1.00	LS	\$5,469.96	\$3,576.00	\$1,103.76	\$0.00	\$0.00	\$10,149.72
18.1.1	hunter millwright crews: 2 days to set and 1 to firm	1.00	LS	\$5,469.96	\$3,576.00	\$1,103.76	\$0.00	\$0.00	\$10,149.72
18.2	Anchorage Engineering	1.00	LS	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00
18.3	GMP Switch to NY Blower Allowance	1.00	LS	\$0.00	\$0.00	\$17,750.00	\$0.00	\$0.00	\$17,750.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
19	23.3 - FA Humidifiers / Demisters	1.00	LS	\$5,820.72	\$5,604.00	\$5,422.00	\$72,000.00	\$43.26	\$88,889.98
19.1	Purchase Humidifiers	1.00	LS	\$0.00	\$0.00	\$0.00	\$72,000.00	\$0.00	\$72,000.00
19.2	Install Humidifier / Demister with FRP install	1.00	LS	\$5,820.72	\$5,604.00	\$422.00	\$0.00	\$43.26	\$11,889.98
19.2.1	hunter millwright crews-Install Humidifier / Demister	1.00	LS	\$5,820.72	\$5,604.00	\$422.00	\$0.00	\$43.26	\$11,889.98
19.3	Humidifier Hardware	1.00	LS	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$5,000.00
20	23.4 - FA Dampers & Accessories	1.00	LS	\$8,532.00	\$2,580.00	\$320.00	\$40,992.00	\$0.00	\$52,424.00
20.1	Flex Connectors Rectangular to Round Fan to FG Duct	1.00	LS	\$0.00	\$0.00	\$0.00	\$21,472.00	\$0.00	\$21,472.00
20.2	FRP Accys for GMP 2 to compliment the installation	1.00	LS	\$0.00	\$0.00	\$0.00	\$19,520.00	\$0.00	\$19,520.00
20.3	hunter millwright crews-install accys and dampeners	1.00	LS	\$8,532.00	\$2,580.00	\$320.00	\$0.00	\$0.00	\$11,432.00
21	26.1 - Primary Feeders	1.00	LS	\$0.00	\$0.00	\$0.00	\$161,722.64	\$0.00	\$161,722.64
21.1	Install Primary - Concrete Encased	1.00	LS	\$0.00	\$0.00	\$0.00	\$161,722.64	\$0.00	\$161,722.64
22	26.2 - Lightning Protection	1.00	LS	\$0.00	\$0.00	\$0.00	\$54,269.34	\$0.00	\$54,269.34
22.1	UL Label for LP Design	1.00	LS	\$0.00	\$0.00	\$0.00	\$7,755.09	\$0.00	\$7,755.09
22.2	Lightning Protection Design	1.00	LS	\$0.00	\$0.00	\$0.00	\$10,853.87	\$0.00	\$10,853.87
22.3	Install Lightning Protection	1.00	LS	\$0.00	\$0.00	\$0.00	\$3,499.29	\$0.00	\$3,499.29
22.4	SMS Contingency in LPS after Design is complete	1.00	LS	\$0.00	\$0.00	\$0.00	\$32,161.10	\$0.00	\$32,161.10
23	26.3 - Tax Exempt Electrical Equipment / Gear	1.00	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	26.4 - Electrical Installation	1.00	LS	\$0.00	\$0.00	\$0.00	\$157,489.63	\$0.00	\$157,489.63
24.1	SMS 26.4 - Electrical Installation	1.00	LS	\$0.00	\$0.00	\$0.00	\$157,489.63	\$0.00	\$157,489.63
25	26.5 - Odor Control Facility Electrical	1.00	LS	\$3,412.80	\$1,032.00	\$128.00	\$303,908.32	\$0.00	\$308,481.12
25.1	Install 26.5 - Odor Control Facility Electrical	1.00	LS	\$0.00	\$0.00	\$0.00	\$303,908.32	\$0.00	\$303,908.32
25.2	Small Bore Process plumbing and piping (HCC) not in S	1.00	LS	\$3,412.80	\$1,032.00	\$128.00	\$0.00	\$0.00	\$4,572.80
25.2.1	purchase small bore process piping	1.00	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
25.2.2	hunter millwright crews	1.00	LS	\$3,412.80	\$1,032.00	\$128.00	\$0.00	\$0.00	\$4,572.80
26	26.6 - Programming	1.00	LS	\$0.00	\$0.00	\$0.00	\$48,842.41	\$0.00	\$48,842.41
26.1	Programming (TE Professional Services)	1.00	LS	\$0.00	\$0.00	\$0.00	\$48,842.41	\$0.00	\$48,842.41
27	31.1 - Biofilter Excavation	1.00	Each	\$9,328.32	\$3,938.40	\$432.00	\$147,312.36	\$0.00	\$161,011.08
27.1	Subcontract SMS-31.1 - Biofilter Excavation	1.00	Each	\$0.00	\$0.00	\$0.00	\$124,312.36	\$0.00	\$124,312.36
27.2	Allowance: Shoring measures for the corner	1.00	LS	\$0.00	\$0.00	\$0.00	\$23,000.00	\$0.00	\$23,000.00
27.2.1	Sheet Pile Engineering	1.00	Each	\$0.00	\$0.00	\$0.00	\$2,000.00	\$0.00	\$2,000.00
27.2.2	Sheet Pile Installation Sub	1.00	Each	\$0.00	\$0.00	\$0.00	\$21,000.00	\$0.00	\$21,000.00
27.3	Hunter will Fine Grade after ABC is done on top of the	1.00	Each	\$9,328.32	\$3,938.40	\$432.00	\$0.00	\$0.00	\$13,698.72
27.3.1	get signoff on grades - Fine Grade (SMS put in the A	8,085.00	SF	\$9,328.32	\$3,938.40	\$432.00	\$0.00	\$0.00	\$13,698.72
28	31.2 - Electrical Trenching	1.00	Each	\$0.00	\$0.00	\$0.00	\$104,197.14	\$0.00	\$104,197.14
28.1	Trenching for Primary Feeders (SMS complete-HCC Pat	1.00	Each	\$0.00	\$0.00	\$0.00	\$104,197.14	\$0.00	\$104,197.14
29	31.3 - Electrical Building Excavation	1.00	Each	\$0.00	\$0.00	\$0.00	\$20,912.36	\$0.00	\$20,912.36
29.1	SMS EIC Excavation and Backfill	1.00	Each	\$0.00	\$0.00	\$0.00	\$20,912.36	\$0.00	\$20,912.36
30	31.4 - Biofilter Drains	1.00	Each	\$0.00	\$0.00	\$0.00	\$39,501.12	\$0.00	\$39,501.12
30.1	SMS Biofilter Drains	1.00	Each	\$0.00	\$0.00	\$0.00	\$39,501.12	\$0.00	\$39,501.12
31	31.5 - Roadway Grade (3 areas)	565.00	SY	\$5,843.13	\$2,527.09	\$246.55	\$0.00	\$0.00	\$8,616.76
31.1	Grade Crew 2450sf/trench 275sf/2360sf on hw road)	565.00	SY	\$5,843.13	\$2,527.09	\$246.55	\$0.00	\$0.00	\$8,616.76
31.1.1	Site Grading-rough grade get ready for ABC	565.00	SY	\$5,843.13	\$2,527.09	\$246.55	\$0.00	\$0.00	\$8,616.76
32	31.6 - Biofilter Backfill	1.00	LS	\$6,218.88	\$2,337.60	\$1,413.00	\$77,840.45	\$0.00	\$87,809.93
32.1	SMS Backfill of the Backfill	1.00	LS	\$0.00	\$0.00	\$0.00	\$77,840.45	\$0.00	\$77,840.45
32.2	Decomposed Granite / Landscaping	1.00	LS	\$6,218.88	\$2,337.60	\$1,413.00	\$0.00	\$0.00	\$9,969.48
32.2.1	Material Purchase	45.00	TN	\$0.00	\$0.00	\$1,125.00	\$0.00	\$0.00	\$1,125.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
32.2.2	Install / Spread DG	8,085.00	SF	\$6,218.88	\$2,337.60	\$288.00	\$0.00	\$0.00	\$8,844.48
33	32.1 - Roadway ABC	112.00	TN	\$4,740.00	\$2,620.00	\$200.00	\$1,680.00	\$0.00	\$9,240.00
33.1	Purchase ABC-2450sf of road-1.85t/cy-8"-5% waste	112.00	TN	\$0.00	\$0.00	\$0.00	\$1,680.00	\$0.00	\$1,680.00
33.2	Aggregate Base Course, Small Areas _" (Must Adjust t	275.00	SY	\$4,740.00	\$2,620.00	\$200.00	\$0.00	\$0.00	\$7,560.00
33.2.1	Place & Compact ABC, Small Areas	275.00	SY	\$2,844.00	\$1,584.00	\$120.00	\$0.00	\$0.00	\$4,548.00
33.2.2	Finish Grade ABC, Small Areas	275.00	SY	\$1,896.00	\$1,036.00	\$80.00	\$0.00	\$0.00	\$3,012.00
34	32.2 - Paving	150.00	TN	\$2,692.32	\$1,500.00	\$96.00	\$13,773.84	\$0.00	\$18,062.16
34.1	Paving Sub: 3" on 2" figure 2 passes: 275sy- add 8%	84.00	TN	\$1,794.88	\$1,000.00	\$64.00	\$7,553.00	\$0.00	\$10,411.88
34.1.1	Asphalt Paving _figure 5" on 8"abc drive	275.00	SY	\$1,794.88	\$1,000.00	\$64.00	\$7,553.00	\$0.00	\$10,411.88
34.1.1.1.1	Sawcut Asphalt Pavement @ _" Depth (Adjust f	450.00	LF	\$0.00	\$0.00	\$0.00	\$243.00	\$0.00	\$243.00
34.1.1.1.2	Asphalt Paving (PatchSmall Crew/Patch/Parking L	275.00	SY	\$1,794.88	\$1,000.00	\$64.00	\$7,310.00	\$0.00	\$10,168.88
34.1.1.1.2.1	Asphalt Paving Mob	1.00	EA	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00	\$500.00
34.1.1.1.2.2	Place _4_" Thick AC (PatchSmall Crew/Patc	275.00	SY	\$0.00	\$0.00	\$0.00	\$6,050.00	\$0.00	\$6,050.00
34.1.1.1.2.3	Paving Support (Match Paving Production)	2.00	DY	\$1,794.88	\$1,000.00	\$64.00	\$0.00	\$0.00	\$2,858.88
34.1.1.1.2.4	Sweeping	8.00	HR	\$0.00	\$0.00	\$0.00	\$760.00	\$0.00	\$760.00
34.2	Service Water Tap for Biofilter	44.00	TN	\$448.72	\$250.00	\$16.00	\$4,175.24	\$0.00	\$4,889.96
34.2.1	Asphalt Paving _figure 5" on 8"abc drive	144.00	SY	\$448.72	\$250.00	\$16.00	\$4,175.24	\$0.00	\$4,889.96
34.2.1.1	Sawcut Asphalt Pavement @ _" Depth (Adjust f	235.64	LF	\$0.00	\$0.00	\$0.00	\$127.24	\$0.00	\$127.24
34.2.1.2	Asphalt Paving (PatchSmall Crew/Patch/Parking L	144.00	SY	\$448.72	\$250.00	\$16.00	\$4,048.00	\$0.00	\$4,762.72
34.2.1.2.1	Asphalt Paving Mob	1.00	EA	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00	\$500.00
34.2.1.2.2	Place _4_" Thick AC (PatchSmall Crew/Patc	144.00	SY	\$0.00	\$0.00	\$0.00	\$3,168.00	\$0.00	\$3,168.00
34.2.1.2.3	Paving Support (Match Paving Production)	0.50	DY	\$448.72	\$250.00	\$16.00	\$0.00	\$0.00	\$714.72
34.2.1.2.4	Sweeping	4.00	HR	\$0.00	\$0.00	\$0.00	\$380.00	\$0.00	\$380.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
34.3	Primary Power across to new SES	22.00	TN	\$448.72	\$250.00	\$16.00	\$2,045.60	\$0.00	\$2,760.32
34.3.1	Asphalt Paving _figure 5" on 8"abc drive	72.00	SY	\$448.72	\$250.00	\$16.00	\$2,045.60	\$0.00	\$2,760.32
34.3.1.1	Sawcut Asphalt Pavement @ _" Depth (Adjust f	117.82	LF	\$0.00	\$0.00	\$0.00	\$21.60	\$0.00	\$21.60
34.3.1.2	Asphalt Paving (PatchSmall Crew/Patch/Parking L	72.00	SY	\$448.72	\$250.00	\$16.00	\$2,024.00	\$0.00	\$2,738.72
34.3.1.2.1	Asphalt Paving Mob	0.50	EA	\$0.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00
34.3.1.2.2	Place _4_" Thick AC (PatchSmall Crew/Patc	72.00	SY	\$0.00	\$0.00	\$0.00	\$1,584.00	\$0.00	\$1,584.00
34.3.1.2.3	Paving Support (Match Paving Production)	0.50	DY	\$448.72	\$250.00	\$16.00	\$0.00	\$0.00	\$714.72
34.3.1.2.4	Sweeping	2.00	HR	\$0.00	\$0.00	\$0.00	\$190.00	\$0.00	\$190.00
35	32.3 - Sidewalks	1.00	SF	\$0.00	\$0.00	\$0.00	\$2,160.00	\$0.00	\$2,160.00
35.1	Sidewalks Crew	320.00	SF	\$0.00	\$0.00	\$0.00	\$2,160.00	\$0.00	\$2,160.00
35.1.1	#22) MAG 230 Sidewalk	320.00	SF	\$0.00	\$0.00	\$0.00	\$2,160.00	\$0.00	\$2,160.00
36	40.1 - Piping Supports	1.00	EA	\$21,285.76	\$2,370.00	\$2,491.60	\$59,200.00	\$0.00	\$85,347.36
36.1	Pipe Supports on the Duct	1.00	LS	\$0.00	\$0.00	\$0.00	\$59,200.00	\$0.00	\$59,200.00
36.2	Pipe Support Installations	1.00	LS	\$21,285.76	\$2,370.00	\$2,491.60	\$0.00	\$0.00	\$26,147.36
36.2.1	Install 36" Slide and Fixed Supports	8.00	EA	\$5,409.92	\$632.00	\$625.90	\$0.00	\$0.00	\$6,667.82
36.2.1.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	32.00	EA	\$404.48	\$0.00	\$273.92	\$0.00	\$0.00	\$678.40
36.2.1.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	32.00	EA	\$808.96	\$0.00	\$39.84	\$0.00	\$0.00	\$848.80
36.2.1.3	Concrete Drilling, Up To 6" D, 3/4" Dia	32.00	EA	\$404.48	\$0.00	\$102.40	\$0.00	\$0.00	\$506.88
36.2.1.4	Grout, Non-Shrink, 1" Deep	16.00	SF	\$379.20	\$0.00	\$81.74	\$0.00	\$0.00	\$460.94
36.2.1.5	Set Support - Adj for Size of Support (Excludes	8.00	EA	\$3,412.80	\$632.00	\$128.00	\$0.00	\$0.00	\$4,172.80
36.2.2	Install 60" Slide and Fixed Supports	4.00	EA	\$2,704.96	\$316.00	\$312.95	\$0.00	\$0.00	\$3,333.91
36.2.2.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	16.00	EA	\$202.24	\$0.00	\$136.96	\$0.00	\$0.00	\$339.20
36.2.2.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	16.00	EA	\$404.48	\$0.00	\$19.92	\$0.00	\$0.00	\$424.40

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
36.2.2.3	Concrete Drilling, Up To 6" D, 3/4" Dia	16.00	EA	\$202.24	\$0.00	\$51.20	\$0.00	\$0.00	\$253.44
36.2.2.4	Grout, Non-Shrink, 1" Deep	8.00	SF	\$189.60	\$0.00	\$40.87	\$0.00	\$0.00	\$230.47
36.2.2.5	Set Support - Adj for Size of Support (Excludes	4.00	EA	\$1,706.40	\$316.00	\$64.00	\$0.00	\$0.00	\$2,086.40
36.2.3	Install 60" Pier Supports: Fixed and Sliding Supports	14.00	EA	\$9,113.44	\$948.00	\$1,083.33	\$0.00	\$0.00	\$11,144.77
36.2.3.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	56.00	EA	\$808.96	\$0.00	\$483.36	\$0.00	\$0.00	\$1,292.32
36.2.3.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	56.00	EA	\$1,617.92	\$0.00	\$77.72	\$0.00	\$0.00	\$1,695.64
36.2.3.3	Concrete Drilling, Up To 6" D, 3/4" Dia	56.00	EA	\$808.96	\$0.00	\$183.20	\$0.00	\$0.00	\$992.16
36.2.3.4	Grout, Non-Shrink, 1" Deep	28.00	SF	\$758.40	\$0.00	\$147.05	\$0.00	\$0.00	\$905.45
36.2.3.5	Set Support - Adj for Size of Support (Excludes	14.00	EA	\$5,119.20	\$948.00	\$192.00	\$0.00	\$0.00	\$6,259.20
36.2.4	Install 48" Pier Supports: Sliding Supports	2.00	EA	\$1,352.48	\$158.00	\$156.48	\$0.00	\$0.00	\$1,666.96
36.2.4.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	8.00	EA	\$101.12	\$0.00	\$68.48	\$0.00	\$0.00	\$169.60
36.2.4.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	8.00	EA	\$202.24	\$0.00	\$9.96	\$0.00	\$0.00	\$212.20
36.2.4.3	Concrete Drilling, Up To 6" D, 3/4" Dia	8.00	EA	\$101.12	\$0.00	\$25.60	\$0.00	\$0.00	\$126.72
36.2.4.4	Grout, Non-Shrink, 1" Deep	4.00	SF	\$94.80	\$0.00	\$20.44	\$0.00	\$0.00	\$115.24
36.2.4.5	Set Support - Adj for Size of Support (Excludes	2.00	EA	\$853.20	\$158.00	\$32.00	\$0.00	\$0.00	\$1,043.20
36.2.5	Install 36" Pier Supports: Sliding Supports	2.00	EA	\$1,352.48	\$158.00	\$156.48	\$0.00	\$0.00	\$1,666.96
36.2.5.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	8.00	EA	\$101.12	\$0.00	\$68.48	\$0.00	\$0.00	\$169.60
36.2.5.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	8.00	EA	\$202.24	\$0.00	\$9.96	\$0.00	\$0.00	\$212.20
36.2.5.3	Concrete Drilling, Up To 6" D, 3/4" Dia	8.00	EA	\$101.12	\$0.00	\$25.60	\$0.00	\$0.00	\$126.72
36.2.5.4	Grout, Non-Shrink, 1" Deep	4.00	SF	\$94.80	\$0.00	\$20.44	\$0.00	\$0.00	\$115.24
36.2.5.5	Set Support - Adj for Size of Support (Excludes	2.00	EA	\$853.20	\$158.00	\$32.00	\$0.00	\$0.00	\$1,043.20
36.2.6	Install 52" Pier Supports: Sliding Support	2.00	EA	\$1,352.48	\$158.00	\$156.48	\$0.00	\$0.00	\$1,666.96
36.2.6.1	Anchor Bolts, 316 SS, 3/4" Dia x 12" w/n&w	8.00	EA	\$101.12	\$0.00	\$68.48	\$0.00	\$0.00	\$169.60

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
36.2.6.2	Chemical Anchoring, For 3/4" Dia x 6" Embedment	8.00	EA	\$202.24	\$0.00	\$9.96	\$0.00	\$0.00	\$212.20
36.2.6.3	Concrete Drilling, Up To 6" D, 3/4" Dia	8.00	EA	\$101.12	\$0.00	\$25.60	\$0.00	\$0.00	\$126.72
36.2.6.4	Grout, Non-Shrink, 1" Deep	4.00	SF	\$94.80	\$0.00	\$20.44	\$0.00	\$0.00	\$115.24
36.2.6.5	Set Support - Adj for Size of Support (Excludes	2.00	EA	\$853.20	\$158.00	\$32.00	\$0.00	\$0.00	\$1,043.20
37	40.2 - Process Piping	1.00	LS	\$4,228.08	\$348.00	\$3,768.00	\$32,530.34	\$0.00	\$40,874.42
37.1	SMS BF Process Piping	1.00	LS	\$0.00	\$0.00	\$0.00	\$32,530.34	\$0.00	\$32,530.34
37.2	Pipe Insulation	1.00	LS	\$4,228.08	\$348.00	\$3,768.00	\$0.00	\$0.00	\$8,344.08
37.2.1	Material Purchase	200.00	LF	\$0.00	\$0.00	\$3,600.00	\$0.00	\$0.00	\$3,600.00
37.2.2	Insulation Install	1.00	LS	\$4,228.08	\$348.00	\$168.00	\$0.00	\$0.00	\$4,744.08
38	40.3 - Instrumentation & Control	1.00	Each	\$0.00	\$0.00	\$0.00	\$97,838.34	\$0.00	\$97,838.34
38.1	PLC Escalations since GMP1	1.00	Each	\$0.00	\$0.00	\$0.00	\$33,216.09	\$0.00	\$33,216.09
38.2	Instrumentations & Controls	1.00	Each	\$0.00	\$0.00	\$0.00	\$58,499.10	\$0.00	\$58,499.10
38.3	Instrument Stands by SMS they install on thier Concret	1.00	Each	\$0.00	\$0.00	\$0.00	\$6,123.14	\$0.00	\$6,123.14
39	44.1 - Biofilter Piping	1.00	Each	\$44,270.56	\$12,084.00	\$4,336.00	\$7,750.00	\$0.00	\$68,440.56
39.1	Install ECO Blocks, control grade and grid	1.00	LS	\$9,093.44	\$2,448.00	\$288.00	\$0.00	\$0.00	\$11,829.44
39.1.1	field engineering, set up the grid	1.00	LS	\$5,124.48	\$696.00	\$128.00	\$0.00	\$0.00	\$5,948.48
39.1.2	Install the ECO Blocks	2.00	DY	\$3,968.96	\$1,752.00	\$160.00	\$0.00	\$0.00	\$5,880.96
39.1.2.1	crew in the tank setting the blocks and grid contro	2.00	DY	\$3,968.96	\$1,752.00	\$160.00	\$0.00	\$0.00	\$5,880.96
39.2	HDPE Pipe Header and Laterals	5.00	DY	\$9,922.40	\$4,380.00	\$400.00	\$0.00	\$0.00	\$14,702.40
39.2.1	crew in the tank installing the HDPE header and later	5.00	DY	\$9,922.40	\$4,380.00	\$400.00	\$0.00	\$0.00	\$14,702.40
39.3	Risers and Connecting vertical piping	2.00	DY	\$3,968.96	\$1,752.00	\$160.00	\$0.00	\$0.00	\$5,880.96
39.3.1	crew in the go over install with manufacturer	2.00	DY	\$3,968.96	\$1,752.00	\$160.00	\$0.00	\$0.00	\$5,880.96
39.4	Punchlist and QC installation with Mfg	1.00	DY	\$1,984.48	\$876.00	\$80.00	\$0.00	\$0.00	\$2,940.48

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
39.4.1	crew signs off installation per mfr	1.00	DY	\$1,984.48	\$876.00	\$80.00	\$0.00	\$0.00	\$2,940.48
39.5	Hole Watch and Cycle Laborers in and out	1.00	LS	\$13,347.84	\$0.00	\$768.00	\$0.00	\$0.00	\$14,115.84
39.6	Hose Reels & Hardware	6.00	Each	\$0.00	\$0.00	\$2,400.00	\$0.00	\$0.00	\$2,400.00
39.7	Link Seal and FRP Into Sleeves	6.00	EA	\$5,953.44	\$2,628.00	\$240.00	\$7,750.00	\$0.00	\$16,571.44
39.7.1	HCC will install FRP and link seal the Penetrations: S	1.00	LS	\$0.00	\$0.00	\$0.00	\$3,250.00	\$0.00	\$3,250.00
39.7.2	SS Link Seals for FRP and Sleeves	6.00	EA	\$0.00	\$0.00	\$0.00	\$4,500.00	\$0.00	\$4,500.00
39.7.3	our Crew will make sure they are installed per mfr	3.00	DY	\$5,953.44	\$2,628.00	\$240.00	\$0.00	\$0.00	\$8,821.44
40	44.2 - Biofilter Media	1.00	Each	\$69,314.10	\$28,989.71	\$19,697.57	\$280,055.00	\$2,739.24	\$400,795.61
40.1	BioRem Shipping Costs for Thier Media	1.00	LS	\$0.00	\$0.00	\$0.00	\$225,000.00	\$0.00	\$225,000.00
40.2	Install Lower Media Bed:60 lbs/cf	1.00	Each	\$6,029.28	\$4,188.00	\$240.00	\$0.00	\$0.00	\$10,457.28
40.3	Install Upper Media Bed-907cy=735 tons	1.00	Each	\$12,058.56	\$5,976.00	\$480.00	\$0.00	\$0.00	\$18,514.56
40.4	Rent y Feed Conveyor: feed the media to the Bio Recto	1.00	Each	\$14,915.20	\$11,520.00	\$13,790.00	\$16,000.00	\$2,362.50	\$58,587.70
40.5	Spread Membrane	1.00	LS	\$12,952.34	\$7,305.71	\$3,843.57	\$39,055.00	\$376.74	\$63,533.35
40.5.1	Liner Install	1.00	Each	\$11,312.80	\$6,526.00	\$3,774.00	\$21,555.00	\$376.74	\$43,544.54
40.5.1.1	SST Straps & Hardware for Membrane Hanging	1.00	LS	\$0.00	\$0.00	\$0.00	\$21,555.00	\$0.00	\$21,555.00
40.5.1.2	HCC Crew install	1.00	Each	\$11,312.80	\$6,526.00	\$3,774.00	\$0.00	\$376.74	\$21,989.54
40.5.1.2.1	prior to putting in the media, after signing off s	276.00	EA	\$11,312.80	\$6,526.00	\$3,774.00	\$0.00	\$376.74	\$21,989.54
40.5.2	field seams are lapped not welded?	1.00	LS	\$1,639.54	\$779.71	\$69.57	\$17,500.00	\$0.00	\$19,988.81
40.5.2.1	welding crew by the hour: \$350/hr	40.00	HR	\$1,639.54	\$779.71	\$69.57	\$17,500.00	\$0.00	\$19,988.81
40.6	Hole Watch and Cycle Laborers in and out	1.00	Each	\$23,358.72	\$0.00	\$1,344.00	\$0.00	\$0.00	\$24,702.72
41	50 - Electric Building	1.00	Each	\$1,890.40	\$125.00	\$1,580.00	\$257,418.00	\$0.00	\$261,138.40
41.1	Soil Poisenig: subgrade termite treatment?????	1.00	Each	\$0.00	\$0.00	\$0.00	\$800.00	\$0.00	\$800.00
41.2	CMU 14'-8"cmu on Conc Stem Wall: 20.75x20 sf (exclu	1.00	LS	\$0.00	\$0.00	\$0.00	\$34,470.00	\$0.00	\$34,470.00

Cost Breakdown Structure (CBS) Register

HUNTER CONTRACTING COMPANY

21-208 TR Biofilter 90 GMP2 Suspended Remove--Pima County Facilities Tres Rios building 1) OC Facility/Structure 2)

Electrical Building-with

CBS Position Code	Description	Forecast (T/O) Quantity	Unit of Measure	Labor Total Cost	Equipment Total Cost	Materials Total Cost	Subcontract Total Cost	Fees Total Cost	Total Cost (Forecast)
41.3	Structural Steel:Roof Deck W8x15 and Ledger	1.00	LS	\$0.00	\$0.00	\$0.00	\$15,725.00	\$0.00	\$15,725.00
41.4	Progressive Roofing / Flashing/include Walking pads	1.00	LS	\$0.00	\$0.00	\$0.00	\$20,376.00	\$0.00	\$20,376.00
41.5	Doors / Frames / Hardware	1.00	LS	\$0.00	\$0.00	\$0.00	\$22,000.00	\$0.00	\$22,000.00
41.6	Coatings	1.00	Each	\$0.00	\$0.00	\$0.00	\$21,097.00	\$0.00	\$21,097.00
41.6.1	Interior of the Walls in Electrical Building	1.00	Each	\$0.00	\$0.00	\$0.00	\$11,709.00	\$0.00	\$11,709.00
41.6.2	Interior Decking in the Electrical Building	1.00	Each	\$0.00	\$0.00	\$0.00	\$3,988.00	\$0.00	\$3,988.00
41.6.3	Interior Floor Sealing in the Electrical Building	1.00	Each	\$0.00	\$0.00	\$0.00	\$4,500.00	\$0.00	\$4,500.00
41.6.4	doors and jams/frames at Electrical Building	1.00	Each	\$0.00	\$0.00	\$0.00	\$900.00	\$0.00	\$900.00
41.7	Misc. Signage-50 - Electric Building	1.00	Each	\$1,890.40	\$125.00	\$1,580.00	\$1,700.00	\$0.00	\$5,420.40
41.7.1	T&M signage tags and asset management id work at	1.00	LS	\$500.00	\$125.00	\$750.00	\$0.00	\$0.00	\$1,500.00
41.7.2	Purchase ID Devices	1.00	LS	\$0.00	\$0.00	\$750.00	\$350.00	\$0.00	\$1,100.00
41.7.3	Purchase fire cabinets and safety container	1.00	LS	\$0.00	\$0.00	\$0.00	\$1,350.00	\$0.00	\$1,350.00
41.7.4	T&M Hunter labor to install	1.00	LS	\$1,390.40	\$0.00	\$80.00	\$0.00	\$0.00	\$1,470.40
41.8	HVAC-50 - Electric Building with Balance and Testing	1.00	Each	\$0.00	\$0.00	\$0.00	\$99,000.00	\$0.00	\$99,000.00
41.8.1	HVAC Sub	1.00	Each	\$0.00	\$0.00	\$0.00	\$94,000.00	\$0.00	\$94,000.00
41.8.2	Misc. Plumbing	1.00	Each	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00
41.8.3	Equipment Anchorage Engineering	1.00	Each	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00	\$2,500.00
41.9	EIFS	1.00	Each	\$0.00	\$0.00	\$0.00	\$31,250.00	\$0.00	\$31,250.00
41.10	Caulking on the EIFS and Building/Metals	1.00	Each	\$0.00	\$0.00	\$0.00	\$3,500.00	\$0.00	\$3,500.00
41.11	rebar by Hunter for Masonry Constructor	1.00	Each	\$0.00	\$0.00	\$0.00	\$7,500.00	\$0.00	\$7,500.00



PLANS AND SPECIFICATIONS

Project Name: Tres Rios Headworks Biofilter Odor Control

Agency Review Set

Project Location: 7101 N. Casa Grande Hwy., Tucson, AZ

12/22/21

Project No: 3THBOC

Contract No: CT-WW21-463

This GMP is based on the following project drawings and specifications:

1. Volume 3 – Agency Review Set – Plan name “PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT – TRES RIOS WASTEWATER RECLAMATION FACILITY HEADWORKS ODOR CONTROL IMPROVEMENTS – PROJECT NO: C-435”
 - a. Sheet 1 – COVER SHEET – Volume 3
 - b. Sheet 2 – TITLE, VICINITY AND LOCATION MAPS – Drawing G-1
 - c. Sheet 3 – INDEX TO DRAWINGS – Drawing G-3
 - d. Sheet 4 – ABBREVIATIONS SHEET 1 – Drawing G-12
 - e. Sheet 5 – ABBREVIATIONS AND GENERAL LEGEND – Drawing G-14
 - f. Sheet 6 – CIVIL AND YARD PIPING LEGEND – Drawing G-15
 - g. Sheet 7 – INSTRUMENTATION AND CONTROL LEGEND SHEET 1 – Drawing G-16
 - h. Sheet 8 – INSTRUMENTATION AND CONTROL LEGEND SHEET 2 – Drawing G-17
 - i. Sheet 9 – ARCHITECTURAL NOTES, SYMBOLS, LIFE SAFETY AND CODE DATA – Drawing G-20
 - j. Sheet 10 – STRUCTURAL NOTES SHEET 1 – Drawing G-27
 - k. Sheet 11 – STRUCTURAL NOTES SHEET 2 – Drawing G-28
 - l. Sheet 12 – STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS SHEET 1 – Drawing G-29
 - m. Sheet 13 – STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS SHEET 2 – Drawing G-30
 - n. Sheet 14 – STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS SHEET 3 – Drawing G-31
 - o. Sheet 15 – MECHANICAL LEGEND – Drawing G-36
 - p. Sheet 16 – HVAC LEGEND – Drawing G-37
 - q. Sheet 17 – ELECTRICAL LEGEND SHEET – 1 – Drawing G-40
 - r. Sheet 18 – ELECTRICAL LEGEND SHEET – 2 – Drawing G-41
 - s. Sheet 19 – ELECTRICAL LEGEND SHEET – 3 – Drawing G-42
 - t. Sheet 20 – OVERALL CIVIL PLAN – Drawing C-100
 - u. Sheet 21 – EROSION CONTROL AND CONSTRUCTION STAGING PLAN AREA 105 – Drawing CE-105

Attachment E

- v. Sheet 22 – EROSION CONTROL AND CONSTRUCTION STAGING PLAN AREA 106 – Drawing CE-106
- w. Sheet 23 – DEMOLITION PLAN AREA 106 – Drawing CD-106
- x. Sheet 24 – LOCATION PLAN AREA 106 – Drawing CL-106
- y. Sheet 25 – GRADING PLAN AREA 106 – Drawing CG-106
- z. Sheet 26 – YARD PIPING PLAN AREA 106 – Drawing CY-106
- aa. Sheet 27 – SITE PLAN AREA 101 – Drawing E-101
- bb. Sheet 28 – SITE PLAN AREA 106 – Drawing E-106
- cc. Sheet 29 – DUCTBANK SECTIONS – Drawing E-301
- dd. Sheet 30 – SITE ONE-LINE DIAGRAM – Drawing E-605
- ee. Sheet 31 – HEADWORKS 30-MCC-A/B ONE-LINE DIAGRAM – Drawing E-626
- ff. Sheet 32 – 39-MCC-A/B ONE-LINE DIAGRAM – Drawing E-627
- gg. Sheet 33 – HEADWORKS ODOR CONTROL EXHAUST FANS P&ID – Drawing I-003B
- hh. Sheet 34 – HEADWORKS ODOR CONTROL P&ID – Drawing I-003C
- ii. Sheet 35 – SCADA SYSTEM BLOCK DIAGRAM SHEET 3 – Drawing I-103
- jj. Sheet 36 – CP301 PANEL ELEVATION – Drawing I-127
- kk. Sheet 37 – RENDERING PERSPECTIVE FOR INFORMATION ONLY – Drawing 30-R-001
- ll. Sheet 38 – STRUCTURAL PLANS – Drawing 30-S-150
- mm. Sheet 39 – STRUCTURAL SECTIONS – Drawing 30-S-301
- nn. Sheet 40 – MECHANICAL PLANS – Drawing 30-M-150
- oo. Sheet 41 – MECHANICAL SECTIONS – Drawing 30-M-310
- pp. Sheet 42 – MECHANICAL SECTIONS – Drawing 30-M-311
- qq. Sheet 43 – MECHANICAL ENLARGED PLAN – Drawing 30-M-401
- rr. Sheet 44 – MECHANICAL DETAILS – Drawing 30-M-501
- ss. Sheet 45 – ELECTRICAL PLAN – Drawing 30-E-150
- tt. Sheet 46 – ARCHITECTURAL FLOOR PLAN AND ROOF PLAN – Drawing 39-A-150
- uu. Sheet 47 – ARCHITECTURAL ELEVATIONS – Drawing 39-A-310
- vv. Sheet 48 – ARCHITECTURAL SECTIONS AND SCHEDULES – Drawing 39-A-311
- ww. Sheet 49 – STRUCTURAL PLANS – Drawing 39-S-150
- xx. Sheet 50 – STRUCTURAL SECTIONS – Drawing 39-S-301
- yy. Sheet 51 – HVAC FLOOR PLAN AND SECTION – Drawing 39-H-150
- zz. Sheet 52 – HVAC SCHEDULES – Drawing 39-H-601
- aaa. Sheet 53 – HVAC AIRFLOW SCHEMATIC – Drawing 39-H-602
- bbb. Sheet 54 – FIRE PROTECTION FLOOR PLAN AND BLOCK DIAGRAM – Drawing 39-FP-150
- ccc. Sheet 55 – ELECTRICAL PLAN – Drawing 39-E-150
- ddd. Sheet 56 – 39-MCC-A/B ONE-LINE DIAGRAM – Drawing 39-E-637

Attachment E



- eee. Sheet 57 – CABLE BLOCK DIAGRAMS – Drawing 39-E-650
- fff. Sheet 58 – MOTOR CONTROL DIAGRAM – Drawing 39-E-651
- ggg. Sheet 59 – PANEL SCHEDULES – Drawing 39-E-700
- hhh. Sheet 60 – LUMINAIRE SCHEDULES – Drawing 39-E-701
- iii. Sheet 61 – FIRE ALARM BLOCK DIAGRAM – Drawing 99-FP-601
- jjj. Sheet 62 – TITLE SHEET – Drawing L0610_CS-VFD-101
- kkk. Sheet 63 – ENCLOSURE LAYOUT – Drawing L0610_CS-VFD-201
- lll. Sheet 64 – CONTROL WIREING DIAGRAM – Drawings L0610_CS-VFD-401
- mmm. Sheet 65 – GENERAL INFORMATION LEGEND – Drawing L0610_CS-VFD-901

2. Prepared by JACOBS, Corvallis, Oregon.
3. Dated "AGENCY REVIEW SET" September 2021.
4. Specifications Volume 1 for Divisions 01 Through 25 and Volume 2 for Divisions 26 Through 49, Agency Review Set, Project W7Y29900 Dated September 2021.
5. Details Volume 4, Agency Review Set, Dated September 2021.
6. Security Package Volume 5, Agency Review Set, Dated September 2021. Includes Specifications for Divisions 01 through 28 and the following Drawings:
 - a. Sheet 1 – TITLE, VICINITY AND LOCATION MAPS – Drawing G-1
 - b. Sheet 2 – INDEX TO DRAWINGS – Drawing G-3
 - c. Sheet 3 – SECURITY LEGEND – SHEET 1 – Drawing G-9
 - d. Sheet 4 – ABBREVIATIONS – SHEET 1 – Drawing G-12
 - e. Sheet 5 – ABBREVIATIONS AND GENERAL LEGEND – Drawing G-14
 - f. Sheet 6 – ELECTRICAL LEGEND – SHEET 2 – Drawing G-41
 - g. Sheet 7 – SECURITY FLOOR PLAN – Drawing 39-ES-150
 - h. Detail 2813-001 – SEC CODE 901 ACCESS IN PANIC BAR (SINGLE)
 - i. Detail 2813-002 – SEC CODE 930 ALARM DOOR (PAIR)
 - j. Detail 2813-003 – PANEL ELEVATIONS



CLARIFICATIONS, ASSUMPTIONS & EXCLUSIONS

Project Name: Tres Rios Headworks Biofilter Odor Control

Agency Review Set

Project Location: 7101 N. Casa Grande Hwy., Tucson, AZ

12/22/2021

Project No: 3THBOC

Contract No: CT-WW21-463

1. Hunter Contracting Co. (HCC) assumes that Pima County will issue a Notice to Proceed for GMP #2 – Construction on or before March 30, 2022. All prices for Construction are based on this start date.
2. HCC will acquire all necessary permits for the project.
3. General
 - i. Based on Construction of the Biofilter and Electrical Building per the Jacobs Agency Review Set Dated September 2021.
 - ii. Per attachment G, Contract Completion Date of June 30th, 2023.
 - iii. Per the Contract Documents, Third Party Inspections are Owner Furnished, HCC has included costs for a third-party inspector in our GMP #2.
 - iv. Excludes Jacobs engineer field office.
 - v. Excludes professional photography for progress photos.
 - vi. Excludes ADEQ review fees.
 - vii. SMS Construction (SMS) was a partner with HCC for the Electrical/Controls scope on this proposal, therefore there are no additional Electrical / Control bids.
4. Specification Section 03 30 10 – Structural Concrete.
 - a. SMS plans to utilize taper ties in lieu of stainless-steel form ties.
 - b. Concrete to be standard Class S mix designs for all concrete.
 - c. Form Savers will be utilized to speed up production and wall placements
5. Specification Section 07 26 15 – Below Grade Vapor Retarders, is not indicated in the Drawings and is excluded from the scope of supply for the biofilter and electrical building.
6. Specification Section 31 23 16 – Excavation, all spoils are to remain on-site at location designated by Pima County.
7. Specification Section 31 13 00 – Disinfection of Water Utility Distribution Facilities, will not be utilized due to no potable water connections on the project.
8. CBS Item 1.50 – Temp Bypass Odor Control
 - a. Temporary installation utilizing existing blowers for operation of the temporary odor control during construction.

Attachment F

- b. Due to material availability and lead times, FRP, HDPE or other stored materials may be utilized for assembly of the temporary bypass system.
- c. Temporary Odor Control Layout will tie-into existing 60" FRP and will run down the road with 36/48" Temporary piping to temporary blower pad location. Plan will take two existing vessels out of service, leaving four (4) tanks in service. One tank will temporarily be relocated for tie-in of temporary piping system.

9. CBS Item 2.10 – Demo Existing Structures

- a. HCC assumes all mechanical water lines can be shutoff by valves prior to demolition. Excludes new vales to be provided at mains for demo of water lines.
- b. Trickling filters and water softener building to be transported to Pima boneyard.

10. CBS Item 2.20 – Demo Existing Duct banks / Underground

- a. SMS has included a \$15,000 allowance due to unknown routing/design of existing underground in the area.

11. CBS Item 2.30 – Remove Existing Asphalt

- a. HCC assumes we will remove/replace approximately 565 SY of asphalt for the project.

12. CBS Item 5.30 – Misc. Metals – Stairs/Embeds/Misc.

- a. HCC assumes supply and installation of 27 deck covers and 24 wall covers in 2'-0"x2'-0" Stainless Steel per detail 0554-001 detail 1 and 0554-001 detail 3.
- b. Larger deck hatch of roughly 5'x5' has been included as an allowance in this GMP due to final design/location to be provided in 100% Construction Documents.
- c. Sleeve penetration materials are assumed to be Stainless Steel similar to hatch materials.

13. CBS Item 26.20 – Lightning Protection

- a. Allowance of \$7,415.00 for the lighting protection UL Label.
- b. Contingency of \$29,631.00 for the provision and installation of the lighting protection system once it is designed.

14. CBS Item 31.10 – Biofilter Excavation

- a. Allowance of \$23,000.00 for shoring of the existing biofilter odor control pad, existing utilities, and temporary bypass blower locations.
- b. HCC has included aggregate base course for the first 2' of fill against the walls of the structure.

15. Hunter Contracting Co. assumes a 100% plan set will be issued prior to construction.

16. Any modifications or escalations based upon submittal approval will be captured by Contingency or Change Order.

Line	Code	Description	Unit	Quantity	Amount	Notes
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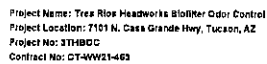


CASH-FLOW FORECAST

Project Name: Tira Rosa Headworks Biofilter Odor Control
 Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ
 Project No: 3TH/BOC
 Contract No: CT-WW21-483

Construction
 12/28/2021

Contract No: CT-MW21-493										2022									
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ATTACHMENT H

Construction
12/22/2021

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SUBCONTRACTOR SELECTIONS

Project Name: Tres Rios Headworks Biofilter Odor Control

Construction - GMP #2

Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ

12/22/2021

Project No: 3THBOC

Contract No: CT-WW21-463

Scope	Subcontractor / Vendor	Total	SBE	Selected
GMP #2 - Construction				
Civil Scope				
	Hunter Contracting Co.	\$ 140,954.40		
	SMS Construction	\$ 116,689.10		X
Electrical Scope				
	SMS Construction	\$ 979,000.00		X
Biofilter Structural Scope				
	Hunter Contracting Co.	\$ 959,693.26		
	SMS Construction	\$ 909,008.08		X
	Ealge Egc, LLC dba Miura Contracging	DNB		
Handrail				
	Keller Mechanical	\$ 72,767.09		X
	SH Engineering & Mfg.	\$ 133,280.00		
	Revolution Industrial	\$ 261,350.00		
Hatches / Wall Openings				
	Keller Mechanical	\$ 83,309.63		X
	SH Engineering & Mfg.	See Handrail		
	CAID	\$ 113,300.00		
	Revolution Industrial	See Handrail		
Stairs				
	Keller Mechanical	\$ 41,610.38		X
	SH Engineering & Mfg.	See Handrail		
	Revolution Industrial	See Handrail		
Pipe Supports				
	SH Engineering & Mfg.	\$ 59,200.00		X
	Westpac Products	\$ 118,700.00		
Misc. Metal				
	SH Engineering & Mfg. (Bldg. Roof Steel)	\$ 15,725.00		X
	PPS (Membrane Liner Anchor)	\$ 17,995.00		X
Carbon Stack				
	CAID	\$ 81,700.00		
	Professional Piping Systems	\$ 75,084.25		
	Polytech Metals & Fab, LLC	\$ 52,650.00		X
	Smyth Industries	\$ 54,594.00		

Attachment I

Doors & Hardware			
DH Pace Company, Inc.	\$ 21,985.00		X
Sun Door and Trim, Inc.	DNB		
Walters & Wolf	DNB		
Trudoor	DNB		
Twin City Hardware	DNB		
Kelley Bros.	DNB		
Arrowhead Doors, Inc.	DNB		
EIFS			
Alta Vista Masonry	DNB		
Canyon Plastering & Drywall	\$ 31,250.00		X
Mirage Plastering Inc.	\$ 16,400.00		
HVAC			
Advantage Air Mechanical	\$ 94,000.00	X	X
RKS	\$ 157,700.00		
Painting			
A-O Painting Inc. (Complete Scope)	\$ 81,124.00	X	X
DeLeon Painting (Electrical Building only)	\$ 15,531.00		
Professional Piping Systems (Electrical)	\$ 37,224.00		
Revolution Industrial (Complete Scopes)	\$ 132,173.00		
Small Bore Process Piping			
Hunter Contracting Co.	\$ 79,243.51		
SMS Construction	\$ 72,347.24		X
RKS	\$ 97,700.00		
Third Party Testing			
Speedie & Associates, Inc.	DNB		
CMT Engineering Laboratories	\$ 10,530.00		X
Total Project SBE Utilization	\$ 175,124.00		

SCHEDULE OF VALUES - SMS - CIVIL

Project Name: Tres Rios Headworks Biofilter Odor Control
 Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ
 Project No: 3THBOC

CBS	Description - Cost of Construction	Quantity	UoM	Unit Cost	Total Cost
2.10	Demo Existing Structures (Concrete)	1	LS	\$ 46,000.00	\$ 46,000.00
3.10	Electrical Building Foundation/Slab	1	LS	\$ 41,000.00	\$ 41,000.00
3.20	Biofilter Structure	1	LS	\$ 777,800.00	\$ 777,800.00
3.30	Equipment Pads	1	LS	\$ 41,000.00	\$ 41,000.00
31.10	Biofilter Excavation	1	LS	\$ 107,000.00	\$ 107,000.00
31.40	Biofilter Drains	1	LS	\$ 34,000.00	\$ 34,000.00
31.60	BioFilter Backfill	1	LS	\$ 67,000.00	\$ 67,000.00
40.20	Process Piping	1	LS	\$ 28,000.00	\$ 28,000.00
	Stainless Steel Covers (Install Only)	1	LS	\$ 16,700.00	\$ 16,700.00
	General Conditions	1	LS	\$ 180,000.00	\$ 180,000.00

TOTAL	\$ 1,338,500.00
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Note:

Item 3.30 includes added humidifier pads \$3,000

Item 3.20 includes one each added drilled support pad



November 9, 2021

Ryan Hayes
Hunter Contracting Company
701 N. Cooper Road
Gilbert, AZ 85223

RE: Tres Rios Odor Control Civil Work 90% drawings

Dear Mr. Hayes,

SMS Construction is pleased to submit pricing to perform the concrete scope of the aforementioned project as per your request. SMS Construction is pleased to present a price of ~~\$1,455,000~~ for this work. See the breakdown below.

Description	Quantity	Unit	Unit Price	Total
General Conditions	1	LS	\$ 186,000.00	\$ 186,000.00
Demolition	1	LS	\$ 46,000.00	\$ 46,000.00
Mass Excavation/ABC/Backfill	1	LS	\$ 172,000.00	\$ 172,000.00
Biofilter Cells	1	LS	\$ 776,000.00	\$ 776,000.00
Electrical Building	1	LS	\$ 43,000.00	\$ 43,000.00
Miscellaneous Pads / Pipe Support Concrete	1	LS	\$ 38,000.00	\$ 38,000.00
CHD and SW Piping	1	LS	\$ 64,000.00	\$ 64,000.00
Stainless Steel Covers	1	LS	\$ 130,000.00	\$ 130,000.00
			Total	\$ 1,455,000.00

SMS believes that there are several value engineering alternatives that could benefit the overall project.

The following exceptions and clarifications apply to this estimate:

General

- This proposal is based on working 5-8 hour a day shifts Monday through Friday. The approximate schedule (attached for this scope of work is 6 months).
- Cost for the Bond and Permits are not included in this proposal.

LICENSE NUMBERS
ROC 327315 Class KA General Engineering
ROC 327573 Class CR-11 Commercial / Residential Electrical

- This proposal does not include any third party inspections.
- This proposal does not include survey or quality control.
- The General Conditions are based on the work priced above.
- An office trailer or port-a-johns were not included in this proposal. These to be supplied by Hunter.
- Any painting is excluded.
- Due to the current market conditions, this proposal is based on current commodity pricing.
- If this proposal is accepted the Exceptions and Clarifications noted herein will not be superseded by the terms of the owners purchase order or contract and will be incorporated as an Exhibit in said purchase order or contract

Demolition

- SMS has estimated the demolition of the concrete pads and containment visible on the surface.
- SMS has assumed that all pipe support foundations are 1' in thickness
- SMS has assumed that all tank slabs and foundations for electrical items are 1' in thickness.
- SMS has assumed that the containment area has a floor 1.5' in thickness.
- SMS has estimated a total of 92 cubic yards of structural concrete to be demolished and removed offsite.
- SMS has not included any mechanical demolition or electrical demolition. The electrical demo will be covered under the electrical scope of work.

Mass Excavation/Grading/Backfill

- SMS has included the over-excavation, excavation and backfill for the biofilter cells in this biditem. SMS has made the excavation large enough to facilitate the installation of biofilter humidifiers.
- SMS has assumed that any excess excavated material can be stockpiled on site.
- SMS has included aggregate base course for the first 2' of fill against the walls of the structure.
- SMS has included the installation of aggregate base course to the top of the footings (i.e. to subgrade of Geomembrane Liner) as per detail 1 on sheet M311.
- The installation of any shoring for excavations or to hold up existing structures has been excluded.
- SMS has assumed that all obstructions will have already been removed and the excavation area will be clear.

Bio Filter Cells

- SMS estimated using formsavers for the tee intersections for the containment structure.
- This proposal includes the supply and installation of 3 wall spools for 36" pipe in the walls and 3 walls spools for 36" pipe in the deck. No link seal has been included.
- SMS has included the installation of handrail embeds supplied by others.
- SMS has included the stair pads, the type G pads and the stack footing.
- SMS has included 20 each concrete duct supports. SMS will drill footings, form, set the steel support supplied by others and place and finish the concrete.
- SMS has included all rebar for this area (Harris Rebar \$215,121).
- SMS has figured installing a construction joint in the deck located at the high point of the slab.
- SMS has included an increase of \$14.50 per yard for concrete from our concrete supplier due to an expected increase on March 1, 2022.
- Any handrail or miscellaneous metals have been excluded except for line items shown below

Electrical Building

- SMS has included the electrical building footings, stem walls and floor.
- SMS has included housekeeping pads for the electrical gear, transformers, PLC and UPS. These have been figured as 4" housekeeping pads.
- SMS has included pads for the AC Units and Doors.
- SMS has included all rebar for this area (Harris Rebar \$4,514).
- SMS has included the excavation, backfill, grading and ABC for the electric room.

Miscellaneous Pad / Pipe Support Concrete

- SMS has included the stair pads, the type G pads and the stack footing.
- SMS has included 20 each concrete duct supports. SMS will drill footings, form, set the steel support supplied by others and place and finish the concrete.
- Concrete has been included in these items.

CHD and SW Piping

- SMS has included the installation of both the CHD Piping and Service Water Piping.
- Pipe Bedding has been included for both the CHD Piping and Service Water Piping.
- SMS has not included the setting or installation of the humidifiers.
- SMS has included the fabrication and installation of the biofilter sump.
- SMS has included the installation of the 4" diameter perforated drain line in each cell. The slotted pipe was bid as PVC, schedule 80, .015" x .75" x 2 rows.
- SMS has included the flow indicators and pressure gauge for the Service Water Piping. The PCV and solenoid valves will be supplied under the electrical package quote. SMS has included the installation of these items in this package (less electrical wiring).
- Due to the size of the irrigation box required, SMS has included a contingency of \$5,200 for the purchase of an irrigation box. It was assumed that this will be a concrete box.

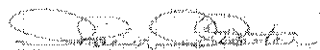
Stainless Covers

- SMS has included the supply and installation of 27 deck covers and 24 wall covers. The deck covers were bid as per detail 0554-001 detail 1, while the wall covers were bid as per 0554-001 detail 3.

If you have any questions regarding this proposal do not hesitate to call me at (520) 909-3620 or via e-mail at shawn@smsconstructionaz.com.

Sincerely,

SMS Construction



Shawn Silvester, P.E.
President

SCHEDULE OF VALUES - SMS CONSTRUCTION - SMS - ELECTRICAL

Project Name: Tres Rios Headworks Biofilter Odor Control
 Project Location: 7101 N. Casa Grande Hwy, Tucson, AZ
 Project No: 3THBOC

CBS	Description - Cost of Construction	Quantity	UoM	Unit Cost	Total Cost
1.2	Startup	1	LS	\$ 5,200.00	\$ 5,200.00
1.3	O&M/Closeout	1	LS	\$ 3,600.00	\$ 3,600.00
2.1	Demo Existing Structures	1	LS	\$ 33,600.00	\$ 33,600.00
26.1	Primary Feeders	1	LS	\$ 149,000.00	\$ 149,000.00
26.2	Lightning Protection	1	LS	\$ 50,000.00	\$ 50,000.00
26.4	Electrical Installation	1	LS	\$ 145,100.00	\$ 145,100.00
26.5	Odor Control Facility Electrical	1	LS	\$ 280,000.00	\$ 280,000.00
26.6	Programming	1	LS	\$ 45,000.00	\$ 45,000.00
31.2	Electrical Trenching	1	LS	\$ 96,000.00	\$ 96,000.00
40.3	Instrumentation and Controls	1	LS	\$ 84,500.00	\$ 84,500.00
	Temporary Electrical for Bypass	1	LS	\$ 15,848.00	\$ 15,848.00
	Instrument Stands	1	LS	\$ 5,641.44	\$ 5,641.44
	General Conditions	1	LS	\$ 78,000.00	\$ 78,000.00

TOTAL	\$ 991,489.44
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November 9, 2021

Ryan Hayes
Hunter Contracting Company
701 N. Cooper Road
Gilbert, AZ 85223

RE: Tres Rios Odor Control Electrical Work – 90% Drawings

Dear Mr. Hayes,

SMS Construction is pleased to submit pricing to perform the electrical scope of the aforementioned project as per your request. SMS Construction is pleased to present a budgetary price of ~~\$979,000~~ for this work. See the breakdown below.

Description	Quantity	Unit	Unit Price	Total
General Conditions	1	LS	\$ 78,000.00	\$ 78,000.00
Electrical Work	1	LS	\$ 901,000.00	\$ 901,000.00
Total				\$ 979,000.00

The following exceptions and clarifications apply to this estimate:

General

- This proposal is based on working 5-8 hour a day shifts Monday through Friday. The approximate schedule (attached for this scope of work is 5 months).
- Cost for the Bond and Permits or taxes are not included in this proposal.
- This proposal does not include any third party inspections.
- This proposal does not include survey or quality control.
- The General Conditions are based on the work priced above.
- An office trailer or port-a-johns were not included in this proposal. These to be supplied by Hunter.
- Due to the current market conditions, this proposal is based on current commodity pricing.
- If this proposal is accepted the Exceptions and Clarifications noted herein will not be superseded by the terms of the owners purchase order or contract and will be incorporated as an Exhibit in said purchase order or contract

LICENSE NUMBERS
ROC 327315 Class KA General Engineering
ROC 327573 Class CR-11 Commercial / Residential Electrical

Electrical

- SMS has included \$9,375 for hydro excavation in this estimate.
- SMS has included a contingency of \$15,000 for removal of underground electrical items.
- SMS has included heat trace with associated conduit and wiring as per the 90% plans.
- SMS has included the fire alarm system including conduit and wire as per the 90% plans.
- SMS has included the Security/Access Control system including conduit and wire as per the 90% plans.
- SMS has included the lightning protection design and an allowance of \$7,145.00 for the UL label.
- SMS has included a contingency of \$29,631.00 for the provision and installation of the lightning protection system once it is designed.
- SMS has included the Emergency Management Control System including conduit and wire.
- SMS has included a contingency of \$4,511.00 for startup and commissioning services (80 manhours).
- SMS has included the provision and installation of the fiber optic connection between Building 39 and Building 30.
- SMS has included the light fixtures, conduit and wiring as per the 90% plans.
- SMS has included the provision of the following instruments:
 - 4 Solenoid valves
 - 1 Flow Element
 - 1 Pressure transmitter
 - 2 Differential pressure transmitters
 - 1 Temperature transmitter
- SMS has included the conduit and wire to the above instruments
- SMS has included the provision and installation including conduit and wire for the following:
 - Flow transmitter
 - Revere Control panels
- SMS has included the Process programming for the PLC.
- SMS has included an increase of \$8,412.00 for the PLC panel design from GMP#1.
- SMS has included an increase of \$22,191.00 for the PLC from GMP#1.
- SMS has included rebar and concrete encasement for the underground conduits.

If you have any questions regarding this proposal do not hesitate to call me at (520) 909-2562 or via e-mail at mike@smsconstructionaz.com.

Sincerely,

SMS Construction

Mike Mattice

Mike Mattice
Vice President

November 4, 2021

Suzanne Jung
Hunter Contracting
702 N Cooper Rd
Gilbert, AZ 85233
(480) 503-7487 suzanne.jung@huntercontracting.com

RE: Tres Rios LS-Metals

Proposal: 224824

Dear Sir:

Keller Mechanical (KM) proposes the following scope and budget for completion of the work outlined in this proposal

Scope of Work

1 Project Management

- a. Provide material and labor reports and invoicing on a timely basis

2 Engineering

- a. Per plans and specifications dated September 2021
- b. Sealed package and calculations for aluminum guardrails and stairs
- c. Fabrication submittals all other products

3 Manufacturing and Supply of Equipment

- a. Aluminum materials provided by KM
- b. 316SST materials provided by KM
- c. Carbon steel materials provided by KM
- d. HDG coatings by KM
- e. Material handling equipment for installation provided by KM

4 Scope of Work

- a. Field measure
- b. Mob in / out, travel and Per Diem
- c. Fabricate and install 280LFT of 3line aluminum guardrail with toe boards. Posts and railing fabricated from 1.5" SCH40 aluminum pipe, cold form bent radius' and welded. Toe boards fabricated from 1/4x4 flat bars. Posts placed aluminum mount feet and bolted in place using adhesive anchor bolts. All welds ground and blended accordingly SHEETS 30-R100,30-S150,3S301, DET 0552-001
- d. Fabricate and install (1) 3'6" x 8'6" and (1) 3'6"x12' stair with guardrails. Stair stringers fabricated from C10x15.3 carbon steel and HDG. Rails fabricated from 1.5SCH40 aluminum pipe, cold form bent radius' and welded. Treads 3/16 x 1.25" 19W4 with aluminum toe plates, steel kicker plates and side bolt pates. Self closing gates included at the tops of stairs. Stairs installed using 316SST adhesive anchor bolts SHEETS 30-S150, 30-S301, DET0551 041
- e. Fabricate and deliver (27) floor mounted 316SST diamond plate access hatches. 24"x24" outer plate framing with 13"x13" inner cover plate. Cover plate to receive slotted openings and lifting

bar welded on the bottom side. Angle stiffeners will be added to the outer framing plates. Pickle and passivate weld affected zones only. Installation by others. SHEETS 30-S150, DET 0554-001 *Offering .250" diamond plate in lieu of .375 this is due to material availability from the mill*

- f. Fabricate and deliver (24) wall mounted 316SST diamond plate hatches with angle embed frame. Plates to receive (2) lifting eye openings and angle iron stiffeners. Embed frames to receive 3/8x6 j bolts welded to the inner web. Pickle and passivate weld affected zones only. Installation by others SHEETS 30-S150, DET 0554-001 *Offering .250" diamond plate in lieu of .375 this is due to material availability from the mill*

5 Contract Closeout

- a. As build drawings provided upon completion

6 Spare Parts

- a. NA

7 Schedule

- a. TBD
- b. All 316SST materials are minimum 2-3 weeks lead time
- c. All aluminum materials are 2-4 weeks lead time

8 Exclusions and Clarification

- a. Any and all civil/concrete work
- b. Third party inspection
- c. Only work, equipment, and materials explicitly stated in this document are part of this proposal. KM accepts the responsibility for the coordination and furnishing of small and incidental equipment and services normally associated with this type of work and for coordination with other disciplines. Any additional significant equipment, materials, or services will be furnished only upon execution of a change order.
- d. All other equipment and services not specifically mentioned in this scope of work nor defined above shall be the responsibility of others.
- e. This proposal is based upon KM executing their work in reasonable coordination with other disciplines and entities. Additional KM costs due to significant or extraordinary delays by others will be grounds for change orders.
- f. KM reserves the right to withhold shipment of equipment and materials until payment has been received for all outstanding invoices.
- g. KM will not supply personnel for startup or commissioning until payment has been received for all outstanding invoices.
- h. A bid bond is not included in this proposal but KM will provide one for additional cost.
- i. KM has bid this work on a merit shop basis; no allowance has been made for union or prevailing wages.
- j. KM has excluded all liquidated damages.
- k. KM has made no allowance for any performance guarantees.
- l. KM has excluded the cost of any Performance or Payment Bonds.
- m. KM has excluded the cost of Builder's Risk Insurance including any possible deductible amounts. All Builder's Risk Insurance shall be provided by the Owner.
- n. Price is based on having uninterrupted access to work areas.
- o. Price is based on craft parking within ¼ mile of work areas.
- p. Price is based on lay-down area within ½ mile of the work area.

9 MRRA & Freight

- a. We have identified the scope of work to be performed under this proposal as maintenance, repair, replacement or alteration ("MRRA") activities, in accordance with Arizona Revised Statutes (A.R.S.) Section 42-5075. As a result, transaction privilege taxes are the responsibilities of KM.
- b. Unless noted differently, this proposal includes freight cost for delivery of KM manufactured products to the project site.
- c. Unless noted differently, freight cost for equipment shipped FOB manufacturer's facility or FOB port-of-entry is not included in this proposal.

10 Warranty

- a. Unless noted differently, KM will honor a manufacturer's warranty for all purchased equipment and will coordinate with the manufacturer to repair or replace the equipment in accordance with the manufacturer's warranty.
- b. The KM warranty covers only KM furnished equipment and explicitly excludes all costs of lost production, loss of facility availability, and any and all other incidental costs.
- c. KM will make every effort to honor the warranty in a timely manner. Delays in getting parts or equipment from manufacturers may affect the time to implement repairs or replacement

11 Base Bid: \$179,198.13

DUE TO EXTREME VOLATILITY IN THE MATERIAL MARKET QUOTE IS VALID FOR (5) DAYS AND MATERIAL IS SUBJECT TO PRIOR SALE

12 Attachment: NA

13 Payment Terms and Conditions

- a. K1EI will submit invoices in accordance with an approved AIA format schedule of values and in accordance with the terms and conditions of the project specifications

KM appreciates the opportunity to furnish this proposal. We have made every effort to assure that the proposed equipment and services will satisfy your requirements. Should you have any questions, comments, concerns or require further clarification, please feel free to contact me at your convenience.

Bradley S Blackwell

Bradley S Blackwell

Division Manager
Mechanical Services
Keller Electrical Industries,
1881 E. University Dr.
Phoenix, AZ 85034
O: (602) 437-3015
F: (602) 437-8163
C: (602) 290-0183

224824- HUNTER

TRES RIOS LS

	Qty	Fab	Material	Install	Mat/Equipment	Total
F/I 3 LINE GUARDRAIL W TB 30-R100,30-S150,3530	280LF	\$ 21,399.67	\$ 20,511.61	\$ 14,319.95	\$ 6,694.52	\$ 63,019.35
F/I HSG STAIRS AND ALUM RAILS 30-S150,30-S301,DET D551-D41	2	\$ 13,460.27	\$ 9,628.98	\$ 6,574.78	\$ 3,846.00	\$ 33,510.03
FAB/DELIVER 216ST FLOOR ACCESS HATCHES 10	27	\$ 15,402.85	\$ 22,026.21			\$ 37,429.06
FAB AND DELIVER 316ST WALL ACCESS HATCHES	24	\$ 11,064.00	\$ 15,839.64			\$ 26,903.64
MCB IN/OUT		\$		\$ 6,656.00		\$ 6,656.00
		\$ 62,220.80	\$ 78,886.48	\$ 27,550.33	\$ 10,540.52	\$ 179,198.13

add 15% metals

12 6 2011 check
with KEI

Handrail installed \$ 3,641.74 \$ 69,439.09 installed

Stairs installed \$ 1,444.35 \$ 38,282.38 installed

FOB Cover and Wall Panels
Fabricated \$ 7,405.68 \$ 21,264.52

\$ 191,091.10



PROPOSAL

November 9, 2021

Project Name: Tres Rios PC WRF
To: Hunter Contracting

SH Engineering & Mfg. is pleased to offer the following proposal for your consideration.
SH will provide the following materials and services FOB project

Sheet 30-S-150

278' - 3 rail aluminum base mount guardrail with kick plate, hardware and anchors
2 - 8 tread HDG steel stairs with aluminum railing
51 - 2'-3" x 2'-3" SS cover plates with embed, gaskets and hardware (see VE option below)
SS covers are passivated per ASTM-380
Total Price 133,280.00

Sheet 39-S-150

Electrical building roof steel installed including the following
4 - W8 x 15 HDG steel beams
80' - 3" HDG ledge angle with anchors (embeds installed by others)
8 - Beam seat plates with beam pocket covers
1 1/2" galvanized metal roof deck
Total Price 15,725.00

VE option for 51 - SS cover plates

Optional design for SS cover plates in which the center cover is recessed into the outer cover overall plates will remain the same size with same size opening
Total Deduct for VE Option -19,000.00 from price above

FA Pipe Supports (excludes anchors)

1 - 60" HDG steel fixed top of deck support per detail 0559-077
3 - 60" HDG steel sliding top of deck support per detail 0559-077
3 - 36" HDG steel fixed top of deck support per detail 0559-077
5 - 36" HDG steel sliding top of deck support per detail 0559-077
2 - 60" HDG steel fixed top of grade support per detail 0330-062
11 - 60" HDG steel sliding top of grade support per detail 0330-062
1 - 52" HDG steel sliding top of grade support per detail 0330-062
2 - 48" HDG steel sliding top of grade support per detail 0330-062
2 - 36" HDG steel sliding top of grade support per detail 0330-062
Total Price for FA supports - 59,200.00

Included is shop drawings and delivery to the site, off loading at the site is the responsibility of the purchaser, it is the purchasers responsibility to review shop drawings for accuracy and to obtain all field verification information. Excluded are all taxes, bonds, permits, fees, engineering (unless specifically listed above) testing, inspections, field verification of provided shop drawings, weld testing or inspections, Job specific weld procedure and qualification records, installation (unless specifically listed above) jobsite safety plans, cost of jobsite safety training, safety engineering/design work, coatings, epoxies for anchors, field touch up of shop primers or coatings, special or additional insurances including professional liability, builders risk, or any other item not specifically mentioned above. Railings quoted are Golden Railings standard clear anodized system. Railings may or may not meet the specifications to the letter; Installation of railings excludes cutting or coring through rebar that is in the base plate locations

All painted items include standard colors only; special colors may require extra costs
All aluminum and stainless steel is mill finished unless noted otherwise
Metal stairs are manufactured by SH Engineering & Mfg. and not purchased from a specified manufacture
Engineering and calculation for stairs do not include aluminum railings
Gratings are quoted per the drawings and don't include design of additional supports that are not shown. Dimensions for gratings are not always clear on the drawings, gratings are quoted per the dimensions stated above
Aluminum gratings may or may not be supplied by the specified manufacture
SH Engineering & Mfg. is not an AISC certified shop
SH Engineering & Mfg. does not utilize an onsite CWI at all times and excludes the cost to provide shop inspections
If utilized, the AZ PE is not an employee of SH Engineering & Mfg. but a subcontractor to SH Engineering & Mfg.
Shop priming is a shop coat of primer and may not be the specified coating system
Deliveries are included as one delivery of each type of item (example one grating delivery, one hatch delivery)
Materials are not necessarily domestic, buy American or AIS unless specifically stated above
Term: Per SH Engineering and Mfg. Standard Purchase Agreement or
SH Engineering & Mfg. will only accept an agreement that has all materials itemized and mutually agreeable
This quote is good for 15 days.
Shop drawings are 6 to 16 weeks upon receipt of PO
Materials are 6 to 20 weeks after approval of shop drawings
100% due net 30 days from delivery to site (unit pricing) no retention allowed

Potential Escalation

We are in an unprecedented time of market fluctuation of material pricing, SH Engineering & Mfg. reserves the right to reprice all items at the time of actual purchase to reflect any escalation to pricing during the time of bid to the time items are released for fabrication. Pricing checks / clarifications will be made prior to any contract being executed

Sincerely,



Bob Skiles

shengmfg@shengmfg.com

Cell - 602 370-0656



5858 W. Riggs Rd. • Chandler, AZ 85226
P.O. Box 51420 • Phoenix, AZ 85076

P: (480) 993-6699 • F: (480) 718-7656

DEC 16, 2021

Proposal #21-1310

Revolution Industrial is pleased to present our proposal for:

Client: Hunter Construction

Project: Trest Rios WRF Pima County Misc Metals

This scope of work includes:

All labor and equipment to fabricate and install:

- (27) qty SST floor hatch as per plan 30-S-150.
- (24) qty SST wall opening as per plan 30-S-301.
- (2) qty steel stairs as per section C/30-S-301.
- 320 LF aluminum 3-rails as per detail 0552-001/30-S-301.
- (5) qty W8x15 as per plan 39-S-150.
- 80 LF L ledger angle as per detail 0531-001/39-S-150
- 361 sqft 1.5" decking 20Ga as per plan 39-S-150.

Our price for this scope of work is as follows:

1. Lump Sum Price of - **\$261,350.00**
2. Taxes Excluded (Taxes to be added if tax exemption not provided).

Clarifications:

- All work to be performed according to OSHA and site-specific safety regulations.
- Quote valid for 30 days from date on proposal.
- Staircases to be galvanized.
- All embeds to be FOB.
- 30% of contract value will be billed upon contract award for mobilization and to procure materials.
- Pre-Job Notification:
Owner/Contractor needs to be aware that Revolution Industrial routinely files preliminary notices on projects solely to protect Revolution Industrial's rights in case of dispute or non-payment. This is done to fulfill state requirements allowing us to protect our legal rights

Exclusions:

- Any items not identified or sized or details not shown or details shown but not cut on the drawings.
- Any items shown or called for on civil, mechanical, plumbing, electrical, or landscape drawings.
- Bonds and permits.
- Coating and painting (shop primer).
- Testing and Inspection.
- Professional Engineering services and/or stamps.
- Demolition and/or removal of existing material, finish, or fireproofing to obtain access.
- Electrical/ Utilities.
- All concrete work, grout & placing of same, core drilling etc.
- Metal sash and/or mullions.
- Blue stake/utility locating.
- Delays in work caused by other trades.
- Participating in liquidated damages and delays charges of any kind.
- Rebar & mesh.

This proposal is the sole property of Revolution Industrial. The contents herein are strictly confidential and are supplied on the understanding that they will be held confidentially and not disclosed to third parties without the prior written consent of Revolution Industrial. (© 2015)



www.revolutionindustrial.com

5858 W. Riggs Rd. • Chandler, AZ 85226
P.O. Box 51420 • Phoenix, AZ 85076

P: (480) 993-6699 • F: (480) 718-7656

- Anchor bolts for other trades.
- Shoring of any kind.
- Chain link fence and gates.
- Field measuring and surveying other than listed.
- Any field painting including touch-up of structural, miscellaneous & metal decking
- Any item not specifically included in this proposal.

Sincerely,

Jarrold Goodman – Preconstruction Manager

M: 623.980.4180

E: jarrod@revolutionindustrial.com

Karam Al-Mitwalli – Project Estimator

M: 480.636.0297

E: karam@revolutionindustrial.com



a division of **SAMUEL**

MAILING:
P.O. Box 26945
Tucson, Arizona 85726

2275 East Gentry Road
Tucson, Arizona 85706

T 520.294.3126
F 520.294.8180

www.caid.com

Monday, November 8, 2021

SMS Construction LLC
PO Box 03411
Tucson, AZ 85745
Attn: Shawn Silvester

Mobile: 520-909-3620
shawn@smsconstructionaz.com

Re: Tres Rios – SS Covers

CAID Proposal # FG21-10-494

Dear Mr. Silvester;

By way of this letter I am pleased to provide our proposal to supply the stainless steel cover plates for Tres Rios per the following:

I. Drawings and Specifications

- A. PCRWRD Tres Rios HW Odor Control_Vol3_Drawings_Agency_Review_Set_27SEP2021.pdf, Sheets 36 thru 38
- B. PCRWRD Tres Rios HW Odor Control_Vol4_Details_Agency_Review_Set_27SEP2021, Detail 0554-001, 3 pages
- C. No specifications provided

II. Scope of Work

- A. Provide all necessary labor, material, and equipment to supply the following cover plates:
 - 1. 27 Floor Covers
 - 2. 24 Wall Covers

III. Clarifications

- A. Covers are 3/8" diamond plate SS 304; frames and stiffeners are SS 304.
- B. Pricing includes angle frame embeds for wall covers only, no embed angles shown in details for floor covers. Includes square bar framing welded to embed angles.
- C. Welded headed-studs are included in lieu of bar hooks for embed.
- D. Pricing includes neoprene gaskets and hardware.
- E. VT only
- F. Welder qualifications and inspection per ASME IX

IV. Exclusions

- A. Engineering and design: form, fit, function
- B. Offloading and installation
- C. Taxes, licenses, bonds, & permits
- D. Freight including dunnage and crating
- E. NDE other than VT

V. Commercial Terms

- A. Incoterms 2020: FCA CAID
- B. Payment terms: Net 30
- C. Invoicing milestones:
 - 1. 20% at drawing submittal
 - 2. 40% at receipt of materials
 - 3. 40% at ready to ship
- D. CAID current Terms and Conditions apply.
- E. All pricing is in USD.
- F. This quote is valid for 30 days
- G. Cancellation and returns: Customer may cancel orders only upon reasonable advance written notice and signed approval of cancellation charges which include, among other things, all costs and expenses incurred and, to cover commitments made by CAID, a reasonable profit thereon.
- H. Material pricing and availability is based on cost and prior sale at the time of order.
- I. Due to volatile materials prices, pricing must be confirmed upon purchase order and approval to buy material and/or receipt of IFC drawings.
 - Escalation: CAID reserves the right to re-evaluate material pricing as follows:
 - Material Base Price: material escalation may result from increases in the material base price cost. This cost is updated periodically.
 - Material Surcharge: material escalation may result from updated material surcharge (up or down) at time of release to order material, as it compared to the ATI (Stainless) and CRU-HRC (Carbon) material pricing indexes. These indexes are updated monthly.
 - 232 Tariffs: material escalation may result from changes in tariffs. This cost is updated as trade policy shifts.
- J. Due to COVID-19 we are taking all prudent steps to mitigate schedule risk, however we are not able to accept damages or costs associated with delays should we need to follow health and safety guidelines as required by company, local, state and/or federal authorities.
- K. Due to extreme material price volatility, our suppliers are not able to hold their prices, beyond a single day in some cases. Therefore, the material portion of this proposal is subject to cost change up to the time of material shipment.
- L. Material pricing and availability is based on cost and prior sale at the time of order

VI. Price & Lead Time

Qty	Description	Budgetary Price
1 LOT	304 SS Cover Plates	\$113,300

A. Schedule:

- 8 weeks after order depending on shop load at time of order
- Current deliveries are beginning June 2022 with order
- Please advise if longer or shorter lead time is required

VII. Additional Notes

- When issuing CAID a PO or contract, please refer to the CAID Proposal number on the first page – **FG21-10-494**

Thank you for the opportunity to work with you on this project. Please contact me at your convenience should you need any additional information.

Very truly yours,



Bill Fetzer
Sr Account Manager
Business Development Engineer
(520) 392-1279 m
CAID Industries, a division of Samuel, Son & Co. (USA), Inc.



SOLD TO:
HUNTER CONTRACTING COMPANY
701 N. COOPER ROAD
GILBERT, AZ. 85233

JOB ADDRESS:

Quote

Date
10/28/2021

www.WestPacProducts.com
Bolts-Gaskets-Strut/Fittings-PipeSupports

Quote # Tres rios Rep SP FOB Norco, Ca.

Description	Qty	U/M	Cost	Total
Tres Rios WRF Pipe Support Bid SLAB SUPPORTS - 5 36" SLIDING 3-36" FIXED 3-60" SLIDING 1-60" FIXED PIER SUPPORTS 11-60" SLIDING 2-48" DITTO -36" DITTO 1-52" DITTO 3-60" FIXED VARIOUS C/L'S	1	ea	118,700.00	118,700.00
<p>Frieght not included can be negotiated with an order and delivery schedule. Material pricing and availability can not be guaranteed because of market instability. However WP WOULD MAKE EVERY EFFORT TO KEEP TO PROPOSED BID WITH THE HELP OF CONTRACTOR WHICH THE OPTIONS WP WOULD DISCUSS AT THE TIME OF ANY ORDER OR COMMITMENT.</p> <p>Shop or submittal drawings are included multiple changes would be an extra charge. Any engineering would be an extra charge.</p> <p>Anchors for epoxy 316ss(124) 3/4 x 8 1/2" w/1 nut/fw were figured and included - along with HDG hardware and 1/8 x 3 x 5 ptf 310- pcs</p> <p>Out-of-state sale, exempt from sales tax</p>			0.00%	0.00

Total

\$118,700.00

Ryan Hayes

From: Toni Bingham <tonib@ppsphx.com>
Sent: Wednesday, November 24, 2021 9:55 AM
To: Michael Rivera; Brian Janski; Suzanne Jung; Peter Sysak
Cc: Ryan Hayes
Subject: RE: Tres Rios Biofilter Carbon Stack

EXTERNAL EMAIL

492' 3" x 1/4" 316 ss flat bar with holes 1/2" drilled every 2' \$17,955.00
For straight not bent bar. Have a wonderful Thanksgiving all 🍁

From: Michael Rivera <michael.rivera@huntercontracting.com>
Sent: Wednesday, November 24, 2021 9:52 AM
To: Toni Bingham <tonib@ppsphx.com>; Brian Janski <Brian.Janski@huntercontracting.com>; Suzanne Jung <suzanne.jung@huntercontracting.com>; Peter Sysak <peter.sysak@huntercontracting.com>
Cc: Ryan Hayes <ryan.hayes@huntercontracting.com>
Subject: Re: Tres Rios Biofilter Carbon Stack

Toni thank you it's not a radius tank it's rectangular so I don't know if that matters but thank you for the quote

Michael Rivera
Precon Manager/Senior Estimator
Hunter Contracting Co.
D (480) 503-7485
C (602) 359-1939
michael.rivera@huntercontracting.com
720 N. Cooper Rd. | Gilbert, AZ 85233
www.huntercontracting.com



Sent from my iPhone

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a division of **SMUEL**

MAILING:
P.O. Box 26945
Tucson, Arizona 85726

2275 East Canby Road
Tucson, Arizona 85706

+ 520.294.8126
F 520.294.8180

www.caid.com

Friday, December 3, 2021

Hunter Contracting Co
701 N. Cooper Road
Gilbert, AZ 85233
Attn: Ryan Hayes

Mobile: (480) 869-2429
Ryan.Hayes@huntercontracting.com

Re: Tres Rios – CS Stack

CAID Proposal # FG21-11-529

Dear Mr. Hayes;

By way of this letter we are pleased to provide our proposal to supply the carbon steel odor control stack for Tres Rios WRF per the following:

I. Drawings and Specifications

- A. Stack Drawing.pdf, Dwg 30-M-310 Mechanical Sections Sheet 39 of 59, dated SEPTEMBER 2021
- B. Stack Detail.pdf, 4444-801 Odor Control Stack Detail, dated 2021\09\20
- C. PCRWRD Tres Rios HW Odor Control_Vol1_Specs_Agency_Review_Set_24SEP2021.pdf, Specifications Volume 1: Divisions 1-25; 449 pages, dated September 2021
 - 1. Section 05 50 00 Metal Fabrications
 - 2. Section 09 90 00 Painting and Coating
 - 3. Section 09 96 35 Chemical-Resistant Coatings
 - 4. Section 23 31 16.16 Foul Air Ductwork and Accessories
- D. PCRWRD Tres Rios HW Odor Control_Vol2_Specs_Agency_Review_Set_24SEP2021.pdf, Specifications Volume 2: Divisions 26-49; 465 pages, dated September 2021
 - 1. Section 40 27 00.04 Welded Steel Pipe and Fittings Data Sheet

II. Scope of Work

- A. Provide all necessary labor, material, and equipment to supply one CS odor control stack

III. Clarifications

- A. Stack engineering and design by Jacobs.
- B. Stack material is quoted as ASTM A285/A285M Grade C; flange material is quoted as A36.
- C. Flanges are considered flat plates and dimensioned per AWWA C207 Table 2 Class D.
- D. Per AWWA C200 Section 4.9, AWWA C200 quality-control procedures apply to pipe produced in a pipe mill. As such, this scope will be subject to CAID standard quality control procedures rather than AWWA C200.
- E. Welder qualifications and inspection per ASME BPVC Section IX.
- F. NDE 100% VT only
- G. Welder qualifications and inspection per ASME IX
- H. The interior coating system CRC-2 specified in Section 09 96 35 2.01 appears to be designed for concrete-substrate application. CAID is not an authorized Dudick applicator. Additionally Corobond 100 Epoxy is not rated for steel application, and Core-Cote SC doesn't allow for required finished thickness of 60 mils. Therefore, CAID will exclude interior coating from our scope. If you would like CAID to include interior coating, please provide a compatible system for us to quote.

IV.Exclusions

- A. Engineering and design: form, fit, function
- B. Hydrostatic leak testing
- C. Interior lining/coating
- D. Anchor bolts, including design and engineering
- E. Offloading and installation
- F. Taxes, licenses, bonds, & permits
- G. Retention, liquidated damages
- H. NDE other than VT
- I. Field measurements, verification

V.Commercial Terms

- A. IncoTerms 2020: DAP jobsite, Tres Rios WRF
- B. Payment terms: Net 30
- C. Invoicing milestones:
 - 1. 25% at drawing submittal
 - 2. 25% at receipt of materials
 - 3. 50% at ready to ship
- D. CAID current Terms and Conditions apply.
- E. All pricing is in USD.
- F. This quote is valid for 30 days
- G. Cancellation and returns: Customer may cancel orders only upon reasonable advance written notice and signed approval of cancellation charges which include, among other things, all costs and expenses incurred and, to cover commitments made by CAID, a reasonable profit thereon.
- H. Material pricing and availability is based on cost and prior sale at the time of order.
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 - Material Base Price: material escalation may result from increases in the material base price cost. This cost is updated periodically.
 - Material Surcharge: material escalation may result from updated material surcharge (up or down) at time of release to order material, as it compared to the ATI (Stainless) and CRU-HRC (Carbon) material pricing indexes. These indexes are updated monthly.
 - 232 Tariffs: material escalation may result from changes in tariffs. This cost is updated as trade policy shifts.
- J. Due to COVID-19 we are taking all prudent steps to mitigate schedule risk, however we are not able to accept damages or costs associated with delays should we need to follow health and safety guidelines as required by company, local, state and/or federal authorities.
- K. Due to extreme material price volatility, our suppliers are not able to hold their prices, beyond a single day in some cases. Therefore, the material portion of this proposal is subject to cost change up to the time of material shipment.

- L. Material pricing and availability is based on cost and prior sale at the time of order

VI. Price & Lead Time

Qty	Description	Price
One	CS Odor Control Stack	\$81,700.00

A. Schedule:

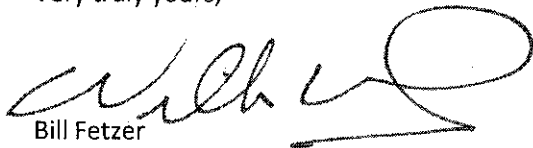
- 10-12 weeks after receipt of IFC shop drawings, depending on shop load at time of order
- Current deliveries are beginning June 2022 with order placed in 2021
- Please advise if longer or shorter lead time is required

VII. Additional Notes

- a. When issuing CAID a PO or contract, please refer to the CAID Proposal number on the first page – **FG21-11-529**

Thank you for the opportunity to work with you on this project. Please contact me at your convenience should you need any additional information.

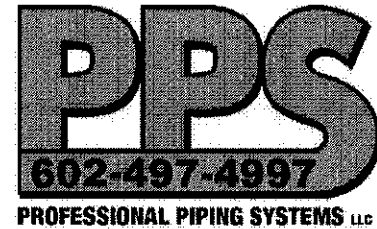
Very truly yours,



Bill Fetzer
Sr Account Manager
Business Development Engineer
(520) 392-1279 m
CAID Industries, a division of Samuel, Son & Co. (USA), Inc.



Bid Proposal



11/24/2021

Hunter Contracting

Re: Carbon Steel Stack at Tres Rios

SCOPE: Shop fabricate 52" x 36' 2 1/4" carbon steel stack quoting ASTM A283 grade C plate rolled and welded material 1/4" thick. Quoting branch outlet at 52" as well the drawings do not show where it goes to 60" clearly and looking at detail 4444-801 they have it drawn what looks to be the same size. Quoting 1" base A36 carbon steel. Please note detail calls out ANSI flange which I am still waiting on pricing back on so I have quoted as a 1/2" thick carbon steel plate flange A36 for now.

\$69,914.25 TOTAL WITH 1/2" PLATE FLANGE

ANSI B16 FLANGE 4.5" THICKNESS ADDER \$5170.00 - \$75,084.25

SCOPE CLARIFICATIONS:

- All welds are done to B31.3
- All welds are visually inspected by an in-house CWI.
- Includes shipping to the job site.
- Includes 1-year warranty.
- Includes delivery to job site.
- No coatings / lining included in number.

GENERAL EXCLUSIONS:

- Excludes anything not specifically addressed in this proposal.
- Excludes any NDT or Xray testing of any kind.
- Material quoted does not meet AIS and or Domestic requirements.
- Excludes all hardware & gaskets

GENERAL CLARIFICATIONS:

- We reserve all rights and remedies for delay caused by parties other than Professional Piping Systems.
- Shop drawings must be approved and signed off on before fabrication can start.
- If in the event our material pricing increases by more than 3% after 15 days from this quote, Professional Piping Systems reserves the right to add the amount of any such increase to the project price.
- Professional Piping Systems will not be bound to any schedule in which we have not fully participated. Further, we will not

allow our work activities to be compressed due to the schedule slippage of other trades or suppliers for which we are not responsible.

- Professional Piping Systems shall not be liable for delays resulting from industry conditions constricting the supply of essential components or materials or delays due to COVID-19.

Thank you for the opportunity to quote you on this project. Please call if you have any questions or need any further clarifications.

Best Regards,

TONI BINGHAM

MANUFACTURING

406 E. Pioneer Street

Phoenix, Az. 85040

(602) 721-4841 Mobile

(480) 602-497-4997 Office

602 497-4907 Fax

Ryan Hayes

From: Louis POLYTECHMETALS.COM <louis@polytechmetals.com>
Sent: Monday, December 6, 2021 2:41 PM
To: Ryan Hayes
Subject: Re: Tres Rios Biofilter Bypass Stack

EXTERNAL EMAIL

Ryan,

52" stack 36'-2 1/4" long with 1 1/4" baseplate and flange for 52" wye, damper and sample fittings as detailed on drawing 4444-801.

Delivery included

Blasting and coatings excluded

Inspection excluded

Lead time is projected to be 6-8 weeks

Total cost \$52,650.00

Thanks again

Louis Marin
(520) 909-6800

On Dec 6, 2021, at 12:33 PM, Ryan Hayes <ryan.hayes@huntercontracting.com> wrote:

Louis,

Any chance you got a number together on the stack. I am going to be submitting the GMP today/tomorrow.

Thanks,

<image008.png>

Ryan Hayes

Project Manager

D (480) 503-7599 | C (480) 869-2429

Ryan.Hayes@huntercontracting.com

huntercontracting.com

701 N. Cooper Road
Gilbert, AZ 85233

<image003.png>

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<image006.png>

S M Y T H **I N D U S T R I E S**

4010 E. Illinois St.
Tucson, AZ 85714
(520) 750-8719

December 7, 2021

Ryan Hayes

Hunter Contracting
6930 N Camino Martin
Tucson, Arizona 85741

Re: Scope and Fee Proposal
Tres Rios Odor Control Stack

Mr. Allen:

As per your request, Smyth Industries, Inc. (Smyth) is pleased to provide Hunter Contracting a proposal for the above referenced project. Our proposed scope of work is as follows:

SCOPE OF WORK

Smyth's services for this task include project management and shop fabrication services as follows:

- Project Management/Engineering Services
 - Project management will coordinate, plan, and support the project. The project Manager will ensure the agreed standards are implemented throughout the project.
 - Shop Drawings
 - Submittals
- Smyth will shop fabricate one (1) stack 52" x 36' 2 1/4" x 1/4".
- Transportation fees for this project include delivery to AO Coatings.

EXCLUSIONS

Exclusions for this proposal include coatings, off-loading, Installation, nuts, bolts, gaskets.

Smyth's fees for the above referenced scope are provided in **Table 1: Scope and Fee Summary**.

S M Y T H **INDUSTRIES**

4010 E. Illinois St.
Tucson, AZ 85714
(520) 750-8719

Table 1: Scope and Fee Summary

TASK	PROJECT TASKS	TOTAL
1	Project Management/Shop Drawings/Submittals/Mobilization	\$ 6,625
2	Shop – Fabricate 52" x 36' 2 1/4" x 1/4" Stack	\$ 47,969
Total Bid		\$ 54,594

SCHEDULE

All durations contingent on Smyth's workload at the time of award. Detailed project schedule to be provided upon award.

MATERIAL PRICING

Please note material pricing may vary based on market conditions at the time a Purchase Order is Issued. Pricing is per today's rates. Market conditions are changing daily, all steel material will be requoted prior to execution of a Subcontract Agreement.

FEE SCHEDULE

The payment terms are outlined in the following table. Payment shall be made (with no retention) within 30 days of each Milestone listed below.

Table 2: Payment Terms

Payment Milestone
10% Upon Shop Drawings & Calculation Submittal Approval
40% Upon Material Procurement
40% Upon Shop Fabrication and Coating Completion
10% Upon Delivery to AO Coatings

We appreciate the opportunity to provide this proposal and look forward to continuing our working relationship. If you have any questions or if you need additional information, please let us know.

Respectfully submitted,

Mario Chavez,

Construction Manager – Smyth Industries, Inc.

PROPOSAL

Attention: Estimating
Title:
Company:
Address:
City, State, Zip:
Phone:
Fax:
E-Mail:

Site Location: Tres Rios
Address:
City, State, Zip:

Project: Tres Rios WRF
PDS Bid No.: IM-11092021-001

Date Prepared: 11/17/2021
Bid Proposal Prepared by: Ian Madvig

We are pleased to submit our quotation for this project.

LUMP SUM BASE BID: \$ 21,985.00

Includes any applicable use tax. Any other tax is excluded.

DH Pace, Inc. proposes to furnish and install: PRICE VALID FOR 30 DAYS

- [2] Aluminum Frames - 1 with 2' x 6' removable transom and 1/4" Clear Tempered glass (included)
- [3] Aluminum Doors with half lite vision kits
- [1] Lot hardware per hardware sets on specs 087100

All work to be completed during normal business hours, Monday – Friday.

*Bid per plans dated 09/22/2021

Notes:

1. Bid doors & frames per door schedule on plans dated 09/22/2021

Due to the unprecedented situation happening around the world with the COVID-19 virus and the potential for follow-on impacts arising from reactions to the outbreak, it is uncertain as to the impact this event will have on manufacturing and supply lead times, shipping, as well as vendor and contractor services and construction activities moving forward. Accordingly, please understand that our quotation today is conditioned upon an acknowledgement and your agreement that, in the event the COVID-19 virus directly or indirectly delays or impacts our ability to perform, including our ability to obtain requisite materials, equipment, or furnish sufficient labor or supervision, DH PACE shall not be deemed in default and the parties shall agree to negotiate a modification of the contract scope, schedule or method of performance to appropriately address the impacts of such event. We will notify you promptly in the event of such impact and provide our best estimate as to the impact and will continue to update you as the circumstances evolve.

Additionally, if awarded this project, DH Pace will require an amendment to any and all contract terms & conditions with the following statement: Neither Party shall be liable or in breach of its obligations under this Agreement to the extent performance of such obligations is delayed or prevented, directly or indirectly, by causes beyond its reasonable control and without its fault or negligence, including acts of God, fire, terrorism, war (declared or undeclared), severe weather conditions, earthquakes, epidemics or pandemics (including but not limited to COVID-19), material shortages, insurrection, acts or omissions of contractor's suppliers or agents, any act or omission by any governmental authority, national epidemics or pandemics (including but not limited to COVID – 19), strikes, labor disputes, acts or threats of vandalism or terrorism (including disruption of technology resources), transportation shortages, or vendor's failure to perform (each, an "Excusable Delay"). The delivery or performance date shall be extended for a period equal to the time lost by reason of such delay, including time to overcome the effect of the delay. The Party experiencing Excusable Delay shall use reasonable efforts to continue performance whenever such causes are removed. However, in the event an Excusable Delay continues for a period two (2) contiguous months or more, then either party may, upon 30-days written notice to the other terminate the affected part of this Agreement for convenience.

"Costs are currently rising at sudden and unpredictable rates. This proposal is based on current pricing from Sellers suppliers and includes all price increases and surcharges levied by those suppliers and known by Seller as of the date of this proposal. Seller reserves the right to require an approved change order before the order can be released into production to compensate for any supplier price increases or surcharges announced after the date of this Proposal and prior to the release of materials for fabrication. Seller will provide written documentation of the Supplier increase notice upon request. All Buyer Contracts shall include a provision to this affect."

EXCLUSIONS: (unless specifically included above)

- Electrical wiring or connection to any electrified hardware.
- Painting and finishing of unfinished doors and frames.
- Cutting, patching, and painting of existing walls.
- Disconnect, reconnect, or relocation of plumbing, electrical, HVAC or other services.
- All work to be completed during normal business hours, Monday – Friday.
- Framing, rough carpentry, and drywall required.
- Master keying of cylinders to existing key systems.
- Installation of customer furnished materials.
- Required building permits and authority having jurisdiction approvals.

PAYMENT TERMS: Net 30 days conditional upon Seller's prior approval of Buyer's credit, or as per the Arizona Prompt Payment laws.

The proposal described herein, including all price(s) quoted, is made conditionally upon Seller's (1) verification of Buyer's credit status; and (2) Buyer's acceptance of any special payment made by Seller. To accept this Proposal, Buyer must date, sign, and return the original copy hereof to Seller within 30 days after the date hereof. Unless expressly disclosed and stated, the amount of any sales and use tax is not included in this proposal.

Buyer acknowledges and agrees that each and all of the standard D.H. Pace terms and conditions on the attached page of this proposal hereof are a part of this Proposal and that upon Buyer's acceptance of this Proposal shall constitute a valid and binding contract between the parties. All prior proposals, discussions, and agreements respecting the subject matter hereof are cancelled.

PROPOSAL – SELLER

This Proposal is made this 17th day of Nov., 2021
DH Pace Company, Inc. BY: Ian Madvig
COMPANY TYPE OR PRINT NAME

BY: _____ Estimator
SIGNATURE TITLE

ACCEPTANCE - BUYER

This Proposal is accepted this _____ day of _____

TYPE OR PRINT NAME OF BUYER

BY: _____
SIGNATURE OF OWNER, PARTNER OR OFFICER (state which)

TERMS and CONDITIONS

Terms. The products ("Products") described in this proposal and the labor necessary to install the Products ("Labor") are herein collectively referred to as the "Work".

Condition Precedent. Buyer and Seller agree that if, following Buyer's acceptance hereof, a contract is to be executed by them, Seller's performance hereunder shall be subject to the condition precedent that the terms and conditions of such contract are acceptable to Seller.

Scope of Work. Seller agrees to perform for Buyer the Work at the Project. Buyer acknowledges and agrees that: (i) the prices quoted by Seller for the Products are based upon plans, specifications, verbal information or sketches as indicated herein and the addenda hereto; and (ii) that the Work contemplated under this Proposal is fully and correctly described herein.

Unless included in the description of and prices quoted for Products, glass, glazing, painting and electrical wiring is excluded under this Proposal and will be provided only upon receipt of a change order signed by Buyer.

Proposal Price. Conditional upon Seller's prior approval of Buyer's credit, Buyer will pay Seller the unpaid balance for performance of the Work within 30 days of the date of Seller's invoice. If performance of the Work extends over 30 days, Buyer agrees to pay Seller progress payments under Seller's regular billing terms and if Products have been delivered to the Project or stored in a mutually agreed location, Buyer agrees to pay an amount not to exceed 90% of the Proposal Price in payment of the cost of such Products.

If payment of any sum is not made when and as due under this Proposal, Buyer shall pay interest on such delinquent sums at the rate of 1.50% per month or, the highest contract rate allowed under applicable law.

If your check is dishonored or returned for any reason, your account will be electronically debited for the amount of the check plus the state maximum processing fee.

If following Buyer's default Seller refers this account to an attorney for collection, Buyer agrees to pay all attorney's fees incurred by Seller whether or not a lawsuit for collection is instituted, and all other costs of collection and litigation.

Contract Time. Installation dates are estimates only and Seller cannot guarantee commencement of Work or completion thereof on any given date. Completion dates cannot be given until Seller has been furnished with complete approved drawings and any additional information it may request. Seller shall not be liable for total or partial failure to complete or for any delay in delivering Products or Labor under this Proposal. Seller shall not be liable in any event for any special or consequential damages on account of failure or delay in performance regardless of cause.

Work Performance. Performance of the Work will be made by Seller in a prompt manner but Seller cannot be responsible for damage or delay due to acts of God, accidents, civil disturbances, delays in transportation by common carrier, strikes, war, unavailability of material or other cause beyond the reasonable control of Seller.

If Products are installed before a finished floor is completed, warranty is limited and Seller assumes no responsibility for fitting the Product to the floor. An additional charge may be made to Buyer for returning to the Project for adjustments to the Product.

Seller assumes no responsibilities for failure of installation of the Product due to structural deficiencies in an existing building. Buyer shall prepare the Project for installation in accordance with requirements of Seller.

If special work, requiring additional material and labor is required to meet conditions other than those specifically described in this Proposal, Buyer agrees to pay an additional charge therefore.

Seller shall be allowed uninterrupted and exclusive access to the Project during performance of the Work.

No Product may be returned without Seller's prior written approval. All Product returned is subject to a minimum of 25% restocking fee.

Cancellation. In the event Buyer cancels this Proposal after the Seller has commenced Work, Buyer shall forfeit the amount of the down payment given to Seller at the time of the execution of this Proposal, and in addition, shall pay to the Seller such proportion of the total Proposal Price as the amount of Work bears to the total amount of Work agreed upon to be furnished under this Proposal, plus a sum equal to 25% of the total Proposal Price as liquidated damages, which amount is to be paid within 30 days from the date of such cancellation.

In the event of Buyer's insolvency this Proposal shall be cancelled and Seller shall have no further obligations to Buyer hereunder.

Insurance. Seller shall carry workmen's compensation and public liability insurance to cover the Work. Seller shall not be liable to indemnify, hold harmless or protect in any way the Buyer, or any other party involved in the Work, whether an employee of Seller or Buyer or any third party, except to the extent of the workmen's compensation and public liability insurance maintained by Seller.

Buyer shall keep the Project adequately insured against any loss to Seller by reason of damage to Seller's Product or Work or Seller's vehicles, equipment and tools by vandalism, fire, water, windstorm and any other occurrence during the course of Work.

Alterations. Any alterations or modifications initiated by Buyer must be agreed upon between the parties and the price fixed by them before work on such alteration or modification shall commence. Payment for such alteration or modification shall be made at the time of the completion of the Work.

Permits and Licenses. Buyer shall be responsible for determining if a permit of any kind is needed and for securing the necessary permits and licenses for the Work at Buyer's own cost and expense.

Warranties. Seller warrants the Product sold to be free from defects in material and workmanship under normal and intended use and service. This warranty extends only to the Buyer and expires one year after the date of delivery or installation of the Product by Seller.

Parts and labor for service work are warranted for the following periods: All replacement parts 90 days; labor-service 30 days. Seller's sole obligation is limited to repairing or replacing any parts which shall be determined by Seller to be defective and is conditioned upon Buyer giving notice of any such defect to Seller within the warranty period. If Seller concludes that repair or replacement is necessary, Seller will commence work within a reasonable time after the decision to repair or replace is made.

This warranty does not apply to any Product which has been altered or repaired by any person not authorized by the Seller or which has been subjected to misuse, neglect or accident.

Seller assumes no liability for incidental or consequential damages and BUYER AGREES THAT THERE IS NO IMPLIED WARRANTY OF THE PRODUCT'S FITNESS FOR ANY PARTICULAR PURPOSE OR FOR BUYER'S PARTICULAR APPLICATION. Warranties implied by law are limited to duration to one year period described above.

Wood Products will be guaranteed only if properly protected within 10 days of delivery or installation by Seller with a prime and finish coat of manufacturer's recommended paint.

No warranty will be honored unless the Proposal Price has been paid in full, including any applicable service charges.

Modification of Proposal. Any modification of this Proposal or additional obligation assumed by either party in connection with this Proposal shall be binding only if evidenced in writing signed by each party or an authorized representative of each party.

Governing Law. It is agreed that this Proposal shall be governed by, construed and enforced in accordance with the laws of the state in which the Project is located.

Suzanne Jung

From: Jeff Aglialoro <JAglialoro@waltersandwolf.com>
Sent: Monday, November 22, 2021 3:16 PM
To: Suzanne Jung
Subject: RE: Tres Rios Declined to Bid

EXTERNAL EMAIL

Hello Suzanne,

We are going to Decline from Bidding the Tres Rios project at this time.

Thank you,

Jeff Aglialoro
Jeff Aglialoro



889 N. Colorado Street | Gilbert, AZ | 85233
Office (480) 705-6810 | Mobile (602) 725-6641

From: Suzanne Jung <suzanne.jung@huntercontracting.com>
Sent: Monday, November 22, 2021 3:07 PM
To: Jeff Aglialoro <JAglialoro@waltersandwolf.com>
Subject: Tres Rios Declined to Bid

~~External e-mail~~

Jeff,

Can you please send me a formal decline to bid letter on your company letterhead? I'm required to document anyone that was invited to bid but declined.

Thank you and have a great Thanksgiving!

Thank you,



Suzanne Jung

Project Engineer II

D (480) 503-7487 | C (480) 352-2302

suzanne.jung@huntercontracting.com

huntercontracting.com

701 N. Cooper Road
Gilbert, AZ 85233





**CANYON
PLASTERING
& DRYWALL**

November 1, 2021

Hunter Contracting

Attn: Suzanne Jung

Re: **Tres Rios WRF Odor Control Electrical Building**
7101 N. Casa Grande Hwy.
Tucson, AZ 85743

Addendum: None

Plans Dated (Sept. 2021)

We propose to furnish and install a Standard Exterior Insulated Finish System (2" foam) with a Dryvit sandblast texture at the above referenced project for \$29,875.

Alternate:

Prymit surface sealer over masonry prior to application of foam add - \$3,500

Clarifications:

Bid includes 12oz mesh at wall surfaces above reveal and 20oz with 4oz mesh over at wall surfaces below reveal.

Exclusions: Water, power, dumpster, dump fees, stucco at stem walls, fluid applied weather barrier, mechanical fasteners, metal flashings, Prymit surface sealers, caulking, prevailing wages, davis bacon wages, weekend work, night work, testing, permits, material sales tax & bond premium.

Sincerely,

Michael Hoffarth

Project Estimator

mike@canyonplastering.com



4111 East Winslow, Phoenix AZ 85040-1741
(602) 426-1020 FAX (602) 426-1180
info@canyonplastering.com



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air barrier

abaa
association of
america



PLASTERING INC.
1802 WEST GRANT ROAD #114
TUCSON, ARIZONA 85745-1232
PHONE NO.: (520) 622-9299
FAX NO.: (520) 622-9999

EIFS PROPOSAL

November 10, 2021

Hunter Contracting
Suzanne Jung

PROJECT: Tres Rios WRF Headworks Odor Control Improvements – Odor Control Electrical Building

BID DRAWING DATE: Agency Review Set - September 2021

ADDENDUM ACKNOWLEDGED: None

BID AMOUNT: \$16,400.00

VE Option: standard mesh in lieu of impact mesh deduct \$1,200.00

INCLUSIONS:

1. Bid is based on DRYVIT Outsulation system and details.
2. Includes liquid applied flexible flashing at locations per manufacturer's requirements.
3. Includes 1-1/2" total thickness EPS foam with 20oz high impact mesh at lower 4 feet of wall and 12 oz. intermediate mesh embedded in standard basecoat above.
4. Includes primer and 100% acrylic medium sand finish with integral color.
5. Includes cleanup of our debris placed in a dumpster adjacent to the current work area. Dumpster and hauling debris from jobsite by others.
6. Includes mockup as required.
7. Includes one continuous mobilization to complete our entire project scope.
8. Includes scaffolding per OSHA standards for our work. Mirage Plastering personnel to determine fall protection requirements during erection and dismantling operations.

EXCLUSIONS:

1. Excludes painting, caulking, firestopping, building expansion joints, termination bars, sheet metal work and flashings not mentioned above.
2. Excludes bonds and sales tax.
3. Excludes site work and perimeter site walls.
4. Excludes composite cleanup crew participation.

GENERAL NOTES:

1. Bid is based on an agreed upon project start date with a continuous, sequential and trade specific installation of our contract work. No overtime and accelerated schedule work are included. Additional cost maybe incurred if the installation of our work does





PLASTERING, INC.

1802 WEST GRANT ROAD #114

TUCSON, ARIZONA 85745-1232

PHONE NO.: (520) 622-0290

FAX NO.: (520) 622-9899

not progress in a continuous and sequential manner or if overtime and additional labor is required for an accelerated schedule.

- a. Our scope to be completed prior to paving, hardscape, and landscape installation.
 - b. Our trades work to be sequenced after site trenches are backfilled.
 - c. Sunshades, trellises, awnings, and canopies are to be installed after completion of our work. Additional scaffolding costs maybe incurred if these items are installed prior to completion of our work.
 - d. Our scope will require a total of 10 calendar days to complete with our standard EIFS crew. Given the current state of the labor market, mobilization of additional labor resources is possible but cannot be guaranteed until actual as-built conditions allow.
2. Bid is based on wall area for our system being constructed and released to us within building standard tolerances. Additional cost maybe incurred for required adjustments of our system to bring the wall area within normal tolerances.
- a. Substrate must meet EIFS manufacturer's standard planar requirement of $\frac{1}{4}$ " in 4' radius.
 - b. EIFS substrate is understood to be CMU installed with flush struck joints.
 - c. The substrate must be turned over to Mirage free of foreign contaminants and in good condition.
3. Bid is based on EIFS manufacturer's standard detailing. All plan details are subject to review by the manufacturer to determine warrantability. Any changes to details to maintain warranty are subject to cost increases not included in this bid.
- a. Dryvit requires a $\frac{3}{4}$ " joint around all penetrations, included details do not show this. Our bid includes this to maintain manufacturer's warranty.
 - b. Detail 0762-002, EIFS requires that the metal parapet cap extend 2-1/2" min over the EIFS system.
 - c. Detail 0724-024, EIFS manufacturer requires liquid applied flashing from substrate to the pipe or conduit that is penetrating the EIFS. This is included in our bid to maintain manufacturer's warranty.

Mirage Plastering, Inc. reserves the right to re-evaluate and revise this bid after 30 days.

Sean McRae
Preconstruction Manager





Date: 11/1/2021
Project: Tre Rios WRF
Odor Control Electrical Building

Advantage Air Mechanical proposes to furnish and install HVAC for the odor control electrical building per drawings dated September 2021.

Furnish and install (2) Trane split systems as scheduled with refrigerant lines, condensate lines, low voltage wiring, insulation/ supports and hangers, stamped seismic calculations, Controls by Climatec, and an independent air balance.

Complete in place: \$94,000.00 plus \$4,344.00 in taxes if we are required to pay sales tax on our materials and equipment.

Notes:

1. All conduit for controls is by others.
2. Drain catchment/ drywell for condensate is by others. We have included piping the condensate lines to the catchment.
3. This proposal is valid for 30 days.
4. AutoCAD backgrounds are required to complete our seismic engineering. Add \$4,500.00 if we are required to create our own.

Excludes: The servicing, support and warranty of existing material and equipment or owner provided equipment. Fire alarm work, all line voltage including disconnects/ starters/ final connections, conduit for low voltage, framing, blocking, painting, structural framing, relocation of existing utilities, blue staking, taxes/ permits/ fees. Plumbing, Fire Sprinklers, Architectural Metals and HVAC are not necessarily included in the proposal, the proposal outlines what scope of work we are covering. When we quote multiple scopes of work please check before assuming we will accept a contract for selective portions.

We do appreciate your consideration of this quotation and would like to thank you for your interest in Advantage Air Mechanical's services. Should you have any questions concerning the above quotation, please feel free to contact me personally at

Ken@AdvantageAirMechanical.com

Respectfully Submitted,

Ken Bedient

ACCEPTANCE OF PROPOSAL: All work is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon delays beyond our control. Purchaser agrees to pay all costs of collection, including attorneys' fees. This proposal may be withdrawn within 20 days if not accepted. Advantage Air Mechanical to carry necessary insurance upon above work including workman's compensation and liability insurance. Advantage Air Mechanical does not employ any mechanical engineers. Equipment and distribution designed by Advantage Air is not guaranteed to achieve specific design criteria other than that which said equipment is rated for. Advantage Air Mechanical is licensed and bonded. All equipment and material are property of Advantage Air Mechanical until payment in full is made.

www.AdvantageAirMechanical.com

3238 East Forty Fifth Street Tucson, Arizona 85713

(520) 792-9400 Main (520) 885-3904 Fax

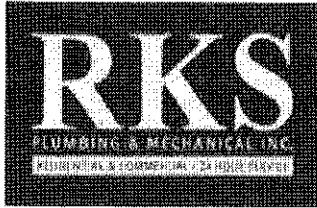
ROC No.214570 K-39/ C-39R Air Conditioning and Refrigeration

ROC No.263466 K-77/ L-77/C-37/ C-37R Plumbing, Solar and Residential Fire Protection

ROC No. 263465 L-45 Architectural Sheet Metal

ROC No. 267548 L-16 Commercial Fire Protection

SBE CERTIFIED



RKS PLUMBING & MECHANICAL, INC.

23659 N. 35th Dr. – Glendale, Arizona 85310

Commercial License #096652 L-37

Residential License #109582 C-37R

Offices – (602) 996-1866

Fax – (602) 996-1816

Date: 11-2-2021

Job Name: TRES RIOS WRF PIMA COUNTY PROJECT
City, State: TUCSON, AZ

Attn: HUNTER CONTRACTING

Subject: Mechanical Proposal

We are pleased to submit our Mechanical proposal for the above referenced project. Our prices are valid for 30 days unless written approval is obtained from RKS prior to expiration. This proposal is derived from and contains the following items.

Plans dated September 2021, Pages 49,50 & 51, and Spec Section 23 with the exception of Sections 233116.16 & 233400 with 0 addenda

This estimate includes:

- 2 – New HVAC Units as specified, fan coils hung in place, isolated, and condensers set on pads furnished by others set on iso pads.
- Refrigerant lines, insulated as called for, aluminum cover on the outside, PVC inside
- Condensates. Insulated inside, PVC cover
- No ductwork shown
- HVAC Controls, EMS
- Start Up and warranty
- Air Balance
- No fire protection of any kind. That includes the setting of, wiring, and testing of any smoke detectors.

Base Bid: \$157,700.00

Exclusions: Taxes, development fees, engineering, BIM/CAD, permits, bonds, extended warranty, BAA/ARRA pricing, LEED, Davis Bacon wages, overtime labor, off hours work, fire protection, smoke detectors, testing, and wiring back to the main control panel. Painting, wall patch, fire and fire/smoke dampers not shown on plans, trash removal from site, temporary air conditioning or heating, space ventilation, General Sheet Metal, Seismic, Commissioning, plumbing, concrete coring, concrete cutting, concrete curbs, starters, fuses, disconnects, fencing and site access

Please call if you have any questions

Sincerely,

Ron Leinen
Senior Mechanical Estimator

Office – 602-996-1866 / Cell – 602-329-6634



November 1, 2021

Hunter Contracting
Mike Rivera
701 N Cooper Road
Gilbert, AZ 85233

RE: Pima County Tres Rios- Headworks Order Control Updated

Mike,

Below please find Updated breakdown of items to be coated for above mentioned project. Proposed Coating Systems are outlined below.

Proposed Coating Systems

Section 09 90 00 Painting and Coating

Odor Control Duct Work and Blowers

- Scarify Surfaces using 60-80 Grit Sand Paper
- Pressure Wash to Remove Surface Contaminates
- One (1) Coat of Sherwin-Williams Pro-Cryl Universal Primer
- One (1) Coat of Sherwin-Williams Sher-Cryl High Performance Acrylic

Interior CMU

- Hand Prep Interior Surfaces to Remove Surface Contaminates
- One (1) Coat of Sherwin-Williams Heavy Duty Block Filler
- Two (2) Coats of Sherwin-Williams Sher-Cryl High Performance Acrylic

Concrete Floor

- Pressure Wash to Remove Surface Contaminates
- Two (2) Coats of Sherwin-Williams Macropoxy 646 Epoxy

Interior Metals

- SSPC SP 2 Hand Tool Prep
- SSPC SP 1 Solvent Wipe
- One (1) Coat of Sherwin-Williams Pro-Cryl Universal Primer
- One (1) Coat of Sherwin-Williams Sher-Cryl High Performance Acrylic

Exterior Exposed PVC Piping

- Scarify Surfaces using 60-80 Grit Sand Paper
- Solvent Wipe to Remove Surface Contaminates
- One (1) Coat of Sherwin-Williams Pro-Cryl Universal Primer
- One (1) Coat of Sherwin-Williams Sher-Cryl High Performance Acrylic

Exterior Exposed Metal Surfaces

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



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



Section 09 96 35 Chemical Resistant Coatings

- Abrasive Blast to SSPC SP 10 Near White Metal
- One (1) Coat of Tnemec Series N69 Epoxy @ 4-6 Mils
- Multi-Pass Coat of Tnemec Series G435 Epoxy @ 60 Mils Minimum

Breakdown

Description	Price	Notes
Interior Surfaces of Electrical Building		
Interior Walls	\$11,709.00	
Interior Decking	\$ 3,988.00	
Interior Floor	\$ 4,500.00	
Doors and Jambs	\$ 900.00	
New Duct Work and Blowers	\$19,458.00	
New Small Diameter PVC Piping	\$ 6,445.00	
Exterior Walls of Biofilter	\$ 9,721.00	
Exterior of Carbon Bypass Stack	\$ 8,955.00	
Interior of Carbon Bypass Stack	\$15,448.00	Per Section 09 96 35

Above Prices Include

- Labor
- Material
- Equipment
- Supervision
- Disposal

Exclusions

- Shop Priming
- Coating of Buried Surfaces
- Coating of Biofilter Interior Surfaces
- Coating of Existing Surfaces
- Coating of Grating
- Exterior Coating of Building
- Coating of Handrails

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

Best Regards,

Alex "Bruiser" Ortega

Alex "Bruiser" Ortega
General Manager



Fax Sheet

1055 South Euclid Avenue | Tucson, Arizona 85719-6631 | 520-624-5503 | Fax 520-620-1419

3334 W. Wilshire, Suite 35 | Phoenix, Arizona 85009 | 602-353-1712 | Fax 602-353-9556 | ROC# 071391

Send to: Hunter Contracting

Date: October 1, 2021

Attention: Suzzanne Jung

Phone:

Location: Office

Fax:

Number of Pages (including fax cover sheet): One

From: Greg DeLeon

520-624-5503 fax 520-620-1419

Project: Tres Rios, Odor Control Project

Re: Price Quotation: Painting & Joint Sealers (Agency Review Set)

Remarks:

Per your request, below is a price quotation for Ina Road, Tres Rios, Odor Control Project (Agency Review Set), including: Specification Sections, 079200 (Joint Sealers) and 099000 (Painting & Coatings), per plans and specifications.

Price Increase Includes: Cost Increases for Materials.

This Price Quotations Include: Labor, Materials and Equipment.

This Price Quotation Excludes: Project Sales Taxes.

Price Quotation: \$15,531.00

Thank you,

Greg DeLeon

Reply requested: ☒ yes ☐ no

Original to follow in the mail: ☐ yes ☒ no

If you do not receive all pages or if you have any difficulties, please call 520-624-5503 as soon as possible.



INDUSTRIAL COATING DIVISION
PROTECTIVE COATING & LINING SERVICES

PPS COATINGS
406 E. Pioneer Street
Phoenix, AZ 85040

602-497-4997
info@ppskoatings.com
www.PPSPHX.COM

10-29-21

Tres Rio's 90%

Hunter Contracting
Quote #PPS21-155

Suzanne,

PPS Coatings is pleased to offer you the following quote for the above referenced project:

SCOPE OF WORK INCLUDES:

- Labor, material and equipment to prep and coat the following areas identified on supplied 60% plans/specs.
 - Electrical Building lump sum - **\$37,224.00**
 - Epoxy floor breakout (non skid) - **\$18,648.00**
 - System 21
 - CMU interior walls breakout - **\$4,791.00**
 - System 109
 - Ceiling breakout - **\$13,785.00**
 - System 10
 - Surface prep for galvanized steel to be acid etched
 - Sandblasting of decking will cause damage/warping
 - Assuming galvanized decking and galvanized exposed structural steel

Clarifications:

- All work to be performed according to OSHA and site specific safety regulations
- Quote valid for 30 days from date of proposal
- Pay Terms are Net 30 if not specified in a contract
- PPS to supply coating MFG written submittal/recommendation

Excludes:

- Mics Taxes including sales Tax.
- testing or inspection
- Delays in work caused by other trades
- OT/Accelerated schedules
- Bonds and permits
- Hazardous materials
- Electrical building exterior coatings

Sincerely,

Tony Bodzioney

Professional Piping Systems
480-825-2413

ASME CERTIFICATE HOLDERS / S STAMP #52377 -- U STAMP #52378 -- ROC #302839

Page 72 of 81





REVOLUTION INDUSTRIAL COATINGS

www.revolutionindustrial.com

5858 W. Riggs Rd. • Chandler, AZ 85226
P.O. Box 51420 • Phoenix, AZ 85076

P: (480) 993-6699 • F: (480) 718-7656

Proposal #21-1219

Wednesday, November 3, 2021

Revolution Industrial is pleased to present our proposal for:

Client: Hunter Contracting

Client Contact: Suzanne Jung – Suzanne.jung@huntercontracting.com

Project: Tres Rios WRF Pima County - Painting

This scope of work includes The coating and labeling of the new concrete odor control building and CMU electrical building, including the associated steel duct piping.

- Head Works 85' x 57'
 - Concrete floor, ceiling, interior, and exterior walls – 13,098 SF
 - Safety Railing at two staircases and building roof perimeter – 312 LF
 - Blower Stack – 160.14 SF
 - Feeder stacks (3 count) – 65.94 SF each
 - Mechanical piping – 483 LF
- Electrical Building 20' x 20' 8"
 - CMU Walls – 1267 SF
 - Floor and Metal Ceiling – 826 SF

Our price for this scope of work is as follows:

1. Lump Sum Price of - \$132,173.00
 - a. Headworks - \$
 - i. Concrete Structure - \$44,994.74
 - ii. Handrails - \$12,743.64
 - iii. Piping - \$54,144.62
 - b. Electrical BLDG – 20,190.00
2. Add Alternates
 - a. Prime Bond - \$1,931.09
 - b. Second Mobilization - \$1,200.00
3. Taxes Excluded (Taxes to be added if tax exemption not provided)

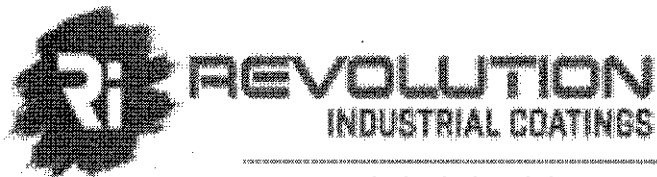
Clarifications:

- All work to be performed according to OSHA/MSHA and site-specific safety regulations.
- Quote valid for 30 days from the date of proposal.
- 30% of the contract value will be billed upon contract award for mobilization and to procure materials.
- Pre-Job Notification:
Owner/Contractor needs to be aware that Revolution Industrial routinely files preliminary notices on projects solely to protect Revolution Industrial's rights in case of dispute or non-payment. This is done to fulfill state requirements allowing us to protect our legal rights

Exclusions:

- Any other item not specifically listed above
- Bonds and Permits
- Testing and Inspection

This proposal is the sole property of Revolution Industrial. The contents herein are strictly confidential and are supplied on the understanding that they will be held confidentially and not disclosed to third parties without the prior written consent of Revolution Industrial. (© 2015)



5858 W. Riggs Rd. • Chandler, AZ 85226
P.O. Box 51420 • Phoenix, AZ 85076
P: (480) 993-6699 • F: (480) 718-7656

www.revolutionindustrial.com

- Professional Engineering services and/or stamps
- Electrical/ Utilities
- Blue stake/utility locating
- Delays in work caused by other trades
- Liquidated damage clauses
- Prevailing Wages
- Removal or disposal of hazardous materials or chemicals.
- Shop prep and Shop primer

Sincerely,

Jarrold Goodman – Pre-Construction Manager
C: 623.980.4180
jarrod@revolutionindustrial.com

Isaac Zornes - Estimator
C: 602.245.2008
izornes@revolutionindustrial.com



RKS PLUMBING & MECHANICAL, INC.

23659 N. 35th Dr. – Glendale, Arizona 85310

Commercial License #096652 L-37

Residential License #109582 C-37R

Offices – (602) 996-1866

Fax – (602) 996-1816

Attn: Suzanne Jung - Hunter

Date: 11-01-2021

Subject – Tres Rios Plumbing Estimate

Our base bid estimate for the above referenced project is: \$97,700.00

This base bid estimate includes marked up drawings sent to RKS on 7-6-2021

- Furnish and install new underground drain system. Pipe to be SCH 40 PVC-DWV with solvent weld fittings. Page 30-M-150. Connect to Biofilter Sump pit connection. After biofilter sump- pipe is by others as noted on plans (Civil drawings)
- Furnish and install new Service Water per plan page 30-M-401. Pipe and fittings to be SCH 40 PVC with solvent weld fittings. Exposed pipe to be insulated. Pipe stops at Biofilter area. Per plans civil to continue to main.
- Furnish and install condensate drains at 2 headworks exhaust fans, drain at bottom of 60" pipe, and the drains at 3 Dimesters. Pipe to be insulated.

Exclusions:

- No engineering, fees, taxes, permit, or bonds
- No dumpsters or trash containers for construction waste
- No seismic engineering, bracing, or supports
- No fire protection
- No Davis Bacon wages
- No hard dig or removal of excess spoils
- No roof drains
- No painting of pipes
- No heat trace
- No Biofilter Irrigation box or sump or pump
- No Buy America

Should you have any questions, please call or email me.

Sincerely,

Matt Fallon

mfallon@rksplumbing.com

602-996-1866

CMT ENGINEERING LABORATORIES

Construction • Materials • Technologies
Geotechnical, Environmental, & Materials Engineering/Testing/Research

November 3, 2021

Brian Janski
Hunter Contracting
701 N Cooper Road
Gilbert, AZ 85233

**Re: Quality Control Materials Testing & Inspection
Tres Rios WRF Project
CMT Proposal No. 621790**

Dear Brian:

CMT is pleased to present the following proposal to provide Quality Control Materials Testing & Inspection services for the Tres Rios WRF Project. CMT will provide the quality control for the materials testing and inspection, to include compaction testing for density, of subgrade & aggregate base materials. Perform concrete and masonry testing on the concrete & grout placements. Also, the laboratory testing as needed for gradations, pl's, proctors and any other required lab testing.

This bid is based on an estimate of individual call-outs for the testing required on materials such as concrete, soils, and asphalt. At the completion of each call-out or at the end of each inspection, the technician or inspector will provide worksheet results for the tests and/or inspections performed that day. A formal QC Report will be generated daily and e-mailed to you. You will be informed by phone, e-mail, fax or all three ways if any test, field or laboratory, does not conform to specification requirements. The approximate duration of this project is several months.

Additional information:

- Tucson laboratory is an AASHTO and ADOT Accredited Laboratory.
- All CMT Technicians typically hold multiple ATTI and ACI certifications.
- All CMT Special Inspectors hold ICC Certifications as well as others

The time and cost required for quality control testing and inspection during the construction of this project will be directly related to the contractor's scheduling and production. CMT fees for construction materials testing and inspection services will be based upon applicable unit prices. All lab testing will be performed during regular working hours unless otherwise requested in writing by the Contractor.

The attached Fee Derivation provides unit prices, hourly rates, and estimates of each phase of work for the project. We do not have your work schedule, so CMT has based the number of hours for each task on our estimate of your production rates. Other information such as whether the manholes and catch basin are precast were also unavailable. This would affect the concrete testing values. If your approach is different, please advise and we will adjust the estimate accordingly. Incidental to our estimate, is attendance at Pre-construction and Pre-Event meetings, the latter recommended for the beginning of construction of certain phases of work, such as the asphaltic concrete paving.

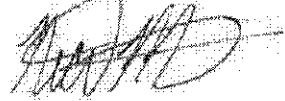
The details of the following estimate are included in the attached Fee Derivation. The CMT estimate for Contractor Quality control for the Tres Rios WRF Project is:

Project Total for Quality Control: \$10,530.00

Exclusions: Materials warranties, liquidated damages, pay retention, field laboratory, taxes, and bond.

Please contact Nick Moore at (520) 975-8458 if you have further questions. CMT appreciates the opportunity to provide you with quality service.

Very truly yours,



Nick Moore
Southern Arizona
Project Manager

CMT ENGINEERING LABORATORIES

Name of Project: **Quality Control Materials Testing & Inspection
Tres Rios WRF
Pima County**

Date Estimated: 11/3/2021

Estimator: Nick Moore

Description: CMT is pleased to present the following proposal to provide Quality Control Materials Testing & Inspection services for the Tres Rios WRF Project. CMT will provide the quality control for the materials testing and inspection, to include compaction testing for density, of subgrade & aggregate base materials. Perform concrete and masonry testing on the concrete & grout placements. Also the laboratory testing as needed for gradations, pl's, proctors and any other required lab testing.

CMT Proposal #: 621790

ADMINISTRATIVE COSTS

Description	Quantity	Rate			TOTAL
Data Entry	8	\$55.00			\$440.00
Project Manager	16	\$95.00			\$1,520.00
Total					\$1,960.00

TECHNICIAN COSTS

Description	Hours	Hr. Rate			TOTAL
Technician (Tech 3)	100	\$65.00			\$6,500.00
					\$0.00
					\$6,500.00

LABORATORY COSTS

Description	Each	Unit Rate	TOTAL
Proctor	2	\$150.00	\$300.00
Gradation	2	\$135.00	\$270.00
PI	2	\$90.00	\$180.00
Grout Prisms Sets of 4	4	\$100.00	\$400.00
Concrete Cylinders Sets of 4	10	\$70.00	\$700.00
Ph & Resistivity	2	\$110.00	\$220.00
Total			\$2,070.00

EQUIPMENT COSTS

Description	Quantity	Unit Rate	TOTAL
Nuke Density Gage	NC	NC	NC
Total			\$0.00

ESTIMATED PROJECT COST

\$10,530.00
USE \$10,530.00

November 4, 2021

Suzanne Jung
Hunter Contracting
701 N. Cooper Road
Gilbert, AZ 85233

To Whom It May Concern:

Unfortunately we will not be able to team up for this project. Our volume of work will not let us service your project accordingly.

If you have any questions or need additional assistance, please do not hesitate to call.

Respectfully submitted,

SPEEDIE & ASSOCIATES



Diego Ruiz
Southern Arizona Lab Manager



Date: 12/9/2021
To: Prospective Bidders
Attention: Estimating
Re: Tres Rios WRF Odor Control
7101 N. Casa Grande Hgwy
Tucson, AZ 85741

Bid Prices	\$13,086.00	TPO Single Ply Roofing
	\$7,290.00	Roof Related Metals
	<u>\$20,376.00</u>	Total

Inclusions: TPO Single Ply Roofing
Provide R-25 average flat and tapered polyiso insulation system mechanically attached into flat steel deck (decking by others).
Fully adhere white 60 mil TPO membrane in field and up and over parapet walls.
Provide wood nailer atop parapet walls.
Provide term bar and sealants.
Seal all penetrations and provide TPO clad scuppers.
Two Year contractor warranty
20 Year Manufacturer NDL warranty.

Roof Related Metals:
Provide .032" standard color shop fabricated conductor boxes and downspouts. (2 each).
Provide manufactured standard color .050" parapet wall coping in manufacturer's standard color.
2 Year Contractor Warranty.

continued on page 2

Progressive Services, Inc. d.b.a. Progressive Roofing

HOME OFFICE 23 N. 35th Avenue Phoenix, AZ 85009 (602) 278-4900 fax (602) 278-6896 estimating fax (602) 278-8014	4222 W. Jeremy Place Tucson, AZ 85741 (520) 744-6707 fax (520) 744-3770 estimating fax (602) 844-8321	13195 Townsend-Winona Rd Flagstaff, AZ 86004 (520) 714-0888 fax (520) 714-0677 estimating fax (602) 844-8321	3953 W. Oquendo Rd Las Vegas, NV 89118 (702) 798-3973 fax (702) 798-3954 estimating fax (602) 844-8321	919 Incline Way, Ste 10 Incline Village, NV 89450 (702) 831-0588 fax (702) 831-0599 estimating fax (602) 844-8321
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047555 C-42 (AZ) 073961 L-42 (AZ) 082788 C-05 (AZ) 082792 BE (AZ) 082793 AE (AZ) 577294 C-39 (CA) 034331 GS-21 (NM) 22525 C-15A (NV)

Exclusions:

All general sheet metal and lead products not listed above.
All wood nailers, plywood, blocking, and insulation stops no listed on page 1.
Equipment and mechanical curbs and supports, pipe supports, and pipe portals.
Insulation on prefabricated mechanical curbs.
Sealants contacting any surface other than new roof membranes or sheet metal.
Concrete splash pads at downspouts.
Metalic, premium, or custom prefinished colors.
Finished roof protection.
Temporary roofing.
Eifs, CMU, window, thru-wall, and any other misc flashing not listed on page 1.
Finished roof protection.
Bonds, permits, and taxes.
Unforeseen occurrences.

All work and items not included in above inclusions.

Hourly Wage Rates: See attached wage rate

Equipment Rates: Equipment and tools will be included at the rates listed in the Roofing Contractors Equipment Cost Schedule published by the NCRA.

Change Order Rates: Subtotal of materials at manufacture's or distributors published list prices plus Labor plus Equipment and Tools will be multiplied by 15% for Overhead; the resulting subtotal will have 5% added for profit.

Notes: Proposal valid for 30 days.
This proposal to become an addenda of any contract tenured.

Contacts: Nick Gardner at 520-427-8108
Nick.Gardner@ProgressiveUS.com

Page 2 of 2

Progressive Services, Inc. d.b.a. Progressive Roofing

HOME OFFICE 23 N. 35th Avenue Phoenix, AZ 85009 (602) 278-4900 fax (602) 278-6896 estimating fax (602) 278-8014	4222 W. Jeremy Place Tucson, AZ 85741 (520) 744-6707 fax (520) 744-3770 estimating fax (800) 844-8321	13195 Townsend-Winona Rd Flagstaff, AZ 86004 (520) 714-0688 fax (520) 714-0677 estimating fax (800) 844-8321	3953 W. Oquendo Rd Las Vegas, NV 89118 (702) 798-3973 fax (702) 798-3954 estimating fax (800) 844-8321	919 Incline Way, Ste 10 Incline Village, NV 89450 (702) 831-0588 fax (702) 831-0599 estimating fax (800) 844-8321
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047565 C-42 (AZ) 073961 L-42 (AZ) 082788 C-06 (AZ) 082792 BE (AZ) 082793 AE (AZ) 577294 C-39 (CA) 034331 GS-21 (NM) 22525 C-16 A (NM)

End of Appendix F

APPENDIX "G" – SMALL BUSINESS ENTERPRISE REQUIREMENTS
(2 pages)

1. **Goal Setting Meeting:** The CMAR, based on information provided by DP and OWNER and prior to preparing each GMP Proposal, will meet with Owner's Vendor Relations & SBE Division to obtain Small Business Enterprise goals. The CMAR will make a presentation to the Vendor Relations & SBE Division to identify the estimated value of Work to be performed by each Subcontractor/ Supplier. The Vendor Relations & SBE Division will establish the minimum goals for Work to be performed during the construction phase by Owner-certified SBE firms, expressed as a percentage of estimated construction costs for the Project. The CMAR shall meet or exceed the minimum goals set for each phase of the Project.
2. **Documentation:** The CMAR 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 CMAR will submit these documents before the selected SBE subcontractor commences onsite construction operations.
 - a) SBE Utilization Form. The Owner will provide the Form to the CMAR as required. The CMAR shall list all proposed certified SBE subcontractors who will be performing work under the respective GMP Proposal package. On the form the CMAR 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 Owner, these Utilization forms will be sent to Vendor Relations & SBE Division to verify that the firms are properly certified within the Owner'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 CMAR'S Utilization form for the indicated price.
3. **Goal:** The Agreed SBE goal for this Project is as follows:

SBE = Three (3%)
4. **SBE Utilization:**
 - 4.1 CMAR 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 <http://www.pima.gov/procure/sbe/SBEDir.pdf>
5. **Compliance:** Submittal of the GMP to Owner shall constitute an agreement by the CMAR to comply with the SBE utilization requirements of this Section. This includes, but is not limited to, the following compliance activities:
 - 5.1 CMAR 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 Owner changes a scope of work in a GMP that would reduce the available Work in the Subcontractor's area of performance.
 - 5.2 CMAR shall notify the Vendor Relations/SBE Division 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 CMAR 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 Owner.

5.4 CMAR shall participate in compliance reviews as determined necessary by Owner. 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 CMAR 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 CMAR is in compliance;
- b) Withholding of all future payments under the involved project until it is determined that the CMAR is in compliance;
- c) Consideration for suspension or debarment under Chapters 11.28 and 11.32 of the Pima County Procurement Code.

7. **Waiver:** CMAR 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 Owner. Good faith efforts to meet a goal will not be recognized if CMAR failed to contact the County SBE Program Coordinator to request assistance at (520) 724-8260

End of Appendix "G" – Small Business Enterprises Requirements

RIDER

Travelers Casualty and Surety Company of America
One Tower Square 3PB, Hartford, CT 06183

To be attached to and form a part of:

Bond No. 107453456

Type of Bond: PERFORMANCE & PAYMENT BONDS

Executed by HUNTER CONTRACTING CO, as Principal, and by Travelers Casualty and Surety Company of America, as Surety, in favor of PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPT and dated 10/8/2021.

In consideration of the premium charged for the attached bond, it is hereby agreed to change:

PROJECT NAME: TRES RIOS HEADWORKS BIOFILTER ODOR CONTROL (3THBOC) - INCREASING BOND LIMIT

From:
\$2,835,982.38

To:
\$8,708,392.85

This rider is effective 2/18/2022.

This rider is executed upon the express condition that the surety's liability under said bond shall not be cumulative and shall in no event exceed the amount specifically set forth in said bond or any existing certificate changing the amount of said bond. The referenced bond shall be subject to all its agreements, limitations and conditions except as herein expressly modified.

SIGNED, SEALED AND DATED this 18TH day of FEBRUARY, 2022.

HUNTER CONTRACTING CO

By:

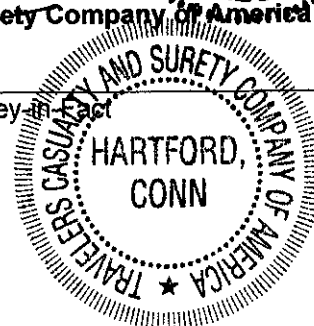
Charles English

Charles English President

Travelers Casualty and Surety Company of America

By:

WILLIAM J. PASSEY Attorney in Fact



*RIDER ACCEPTED BY:

(Obligee)

Date

*If Obligee signature required, please sign duplicate and return to Surety.



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That 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 that the Companies do hereby make, constitute and appoint **WILLIAM J PASSEY** of Mesa

Arizona, their true and lawful Attorney-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 3rd day of February, 2017.



State of Connecticut

City of Hartford ss.

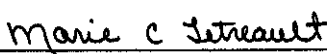
By: 
Robert L. Raney, Senior Vice President

On this the 3rd day of February, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations 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, 2021




Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, 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

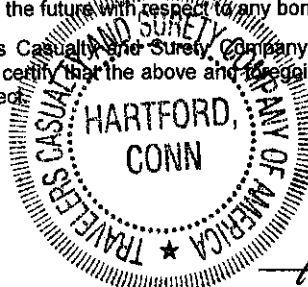
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

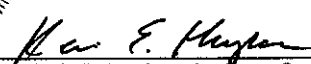
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice 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 Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, 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 18TH day of FEBRUARY, 2022




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-in-Fact and the details of the bond to which the power is attached.**