



156 S. Broadway, Ste. 270, Turlock, CA 95380

(209) 538-5688 (phone) (209) 538-5788 (fax)

Regular Board Meeting Agenda

June 15, 2023, at 12:00 p.m.

2701 4th Street, Ceres, CA 95307 1st Floor - Ceres Community Center

*Chair, Amy Bublak
Vice Chair, Javier Lopez
Director, Pam Franco
Director, Bret Silveira
Director (alternate), Rosalinda Vierra
Director (alternate), Kevin Bixel*

*General Manager, Robert Granberg
Legal Counsel, Jennifer Buckman
Finance Director, Isaac Moreno
Board Secretary, Angelica Gonsalves*

THIS MEETING WILL BE OPEN TO THE PUBLIC.

OR

JOIN BY CLICKING ON THE MEETING

LINK: <https://us02web.zoom.us/j/95105738084?pwd=RElpd0EyKzMxZiQ4VmVkRExIS1M0Zz09>

Passcode: 9510573808

OR

JOIN BY ACCESSING THE ZOOM WEBSITE: <https://zoom.us/join>

WEBINAR ID: 951 0573 8084 Passcode: 9510573808

OR

JOIN BY TELEPHONE: 669-900-6833

WEBINAR ID: 951 0573 8084 Passcode: 9510573808

NOTICE REGARDING NON-ENGLISH SPEAKERS: The Stanislaus Regional Water Authority (SRWA) meetings are conducted in English and translation to other languages is not provided. Please make arrangements for an interpreter if necessary.

EQUAL ACCESS POLICY: If you have a disability which affects your access to public facilities or services, contact the Board Secretary at the phone number set forth above. The Board is committed to taking all reasonable measures to provide access to its facilities and services. Please allow sufficient time for the Board to process and respond to your request.

NOTICE: Pursuant to California Government Code Section 54954.3, any member of the public may directly address the Board on any item appearing on the agenda, including Consent Calendar and Scheduled Matters, before or during the Board's consideration of the item.

AGENDA PACKETS: Prior to the Stanislaus Regional Water Authority Board meeting, a complete Agenda Packet (excluding any closed session materials) is available for review on the SRWA's website at www.stanrwa.com and in the Board Secretary's Office at 156 S. Broadway, Suite 270, Turlock, during normal business hours. Materials related to an item on this Agenda submitted to the Board after distribution of the Agenda Packet are also available for public inspection in the Board Secretary's Office at the address set forth above. Such documents may be available on the SRWA's website subject to staff's ability to post the documents before the meeting.

1. A. CALL TO ORDER

B. SALUTE TO THE FLAG

C. ROLL CALL

2. RECOGNITION, APPOINTMENTS, ANNOUNCEMENTS & PRESENTATIONS:

-
3. **A. SPECIAL BRIEFINGS:** None
- B. STAFF UPDATES:**
1. General Manager Update (*Granberg*)
 2. Hiring and Operations Update (*Goodman*)
 3. Finance Director Report (*Moreno*)
- C. PUBLIC PARTICIPATION:** This time is set aside for members of the public to address the Board concerning any item that has been described in the notice for the meeting, including Consent Calendar items, before or during consideration of that item. You will be allowed five (5) minutes for your comments. If you wish to speak regarding an item on the agenda, you may be asked to defer your remarks until the Board addresses the matter.
4. **DECLARATION OF CONFLICTS OF INTEREST AND DISQUALIFICATIONS**
5. **CONSENT CALENDAR:** Information concerning the Consent items listed below has been forwarded to each Board member prior to this meeting for study. Unless the Chair, a Board member, or member of the audience has questions concerning the Consent Calendar, the items are approved at one time by the Board. The action taken by the Board in approving the Consent items is set forth in the explanation of the individual items.
- A. *Motion:* Approving minutes of regular meeting of May 18, 2023.
6. **PUBLIC HEARINGS:** None
7. **SCHEDULED MATTERS:**
- A. *Authorize the General Manager to issue a change order in the amount of \$2,371,308.29 to CH2MHILL Engineers Inc. Regional Surface Water Supply Project Design-Build Contract for an Uncontrollable Circumstances Claim for Metals Materials (Granberg)*
 - B. *Resolution 2023-002 Adopting the Annual Budget for the Stanislaus Regional Water Authority for the 2023-24 Fiscal Year and Adopting a minimum reserve target for 2023-24 (Moreno)*
 - C. *Approving Amendment No. 2 to the Agreement with Bartkiewicz, Kronick & Shanahan for ongoing legal services in Phase 3 of the Regional Surface Water Supply Project and Phase 4 Legal Services to the Board of Directors in the amount of \$124,200 and authorizing the General Manager to execute the Amendment (Granberg)*
 - D. *Approving Amendment No. 1 to the Granberg & Associates, Inc. General Manager Special Services Agreement in an amount not to exceed \$200,000 for Fiscal Year 2023-24 (Granberg)*
 - E. *Approving Amendment No. 2 to the Agreement for Special Services with Montrose Environmental for Phase 3 CEQA/NEPA/Permitting Support for the Regional Surface Water Supply Project (Granberg)*

F. *Approving Amendment No. 10 to the Agreement for Special Services with West Yost Associates for Phase 3 Program Management Services for the Regional Surface Water Supply Project (Granberg)*

8. MATTERS TOO LATE FOR THE AGENDA

9. BOARD ITEMS FOR FUTURE CONSIDERATION

10. BOARD COMMENTS: Board members may provide a brief report on notable topics of interest. The Brown Act does not allow discussion or action by the legislative body.

11. NEXT MEETING DATE: July 20, 2023, in Turlock

12. CLOSED SESSION: None

13. ADJOURNMENT

June 15, 2023

To: SRWA Board
From: Isaac Moreno, Finance Director
Subject: Financial Summary as of June 9, 2023

Attached Financial Documents include:

Activity for YTD Fiscal June 30, 2022

- 1 - SRWA financial status as of 06-09-2023 for the 2021-22 fiscal year (Exhibit A):
 - Revenue received from the participating agencies \$75,030,000.00
 - Prop 68 and SRF proceeds \$91,280,426.00
 - Expenses paid total \$186,821,126.01

Activity for YTD Fiscal June 30, 2023

- 1 - SRWA financial status as of 06-09-2023 for the 2022-23 fiscal year (Exhibit B):
 - Revenue received from the participating agencies \$57,341,382.00
 - Integrated Water Management Plan Grant \$3,202,159.64
 - SRF proceeds \$47,358,249.00
 - Expenses paid total \$73,884,027.82

- 2 - SRWA financial status - project-to-date as of 06-09-2023 (Exhibit C):
 - Revenue life to date totals \$341,515,687.96 which is composed of:
 - Contributions from participating agencies \$199,342,682.37
 - Draws on SRF proceeds \$110,888.675.00
 - Prop 68 Grant proceeds \$27,750,000.00
 - Integrated Water Management Plan Grant \$3,202,159.64
 - Interest income \$332,170.95

Expenses project-to-date total \$198,011,499.00 (Removed City reimbursement)
Cumulative unexpended Revenues \$ 22,276,875.77

No further SRF proceeds or grant funds have been received since prior Board meeting.

Stanislaus Regional Water Authority
For FY 2021-22 (Updated 06/9/2023)

Account Name	Original Budget	Amendments	Amended Budget 2021-22	Unaudited Actual 2021-22	Ceres	Turlock	TID	Other Proceeds	Totals for
									2021-22
REVENUES									
Interest Income			0	242,955.35	121,477.68	121,477.68	0.00		242,955.35
34910 Integrated Water Mgmt Grant	1,450,225		1,450,225						
34911 Water Smart Grant	1,478,440		1,478,440						
34900_001 Agency Contribution - City of Turlock	303,100		303,100	48,775,000.00		48,775,000.00			48,775,000.00
34900_002 Agency Contribution - City of Ceres	371,520		371,520	24,795,000.00	24,795,000.00				24,795,000.00
34900_004 Agency Contribution - Turlock Irrigation District	1,000		1,000	1,460,000.00			1,460,000.00		1,460,000.00
34912 Prop 68 Grant for Surface Water Project			0	27,750,000.00				27,750,000.00	27,750,000.00
35440 SRF Funding Proceeds	112,836,795		112,836,795	63,530,426.00				63,530,426.00	63,530,426.00
Total Revenues	116,441,080	0	116,441,080	166,553,381.35	24,916,477.68	48,896,477.68	1,460,000.00	91,280,426.00	166,553,381.35
EXPENSES									
Pre-Treatment Plant Construction Project Expenses (950-53-552)									
43060_012 Contact Services Program Mgmt	277,900		277,900	207,819.24	101,223.87	106,570.62	24.75		207,819.24
43195 Special Legal Counsel	25,000		25,000	15,166.19	7,583.10	7,583.09			15,166.19
43332 Permitting	7,000		7,000	0.00	0.00	0.00			0.00
43332_002 Permitting - Water Rights Acquisition	5,000		5,000	0.00	0.00	0.00			0.00
45002_000 TID - electrical service	452,109		452,109	217.50	72.49	145.01	0.00		217.50
51001 Property Acquisition - facility site			0	0.00	0.00	0.00	0.00		0.00
51001 Property Acquisition - infiltration gallery			0	0.00	0.00	0.00	0.00		0.00
51001 Property Acquisition - Geer Road easement			0	0.00	0.00	0.00	0.00		0.00
51001 Property Acquisition - delivery facilities			0	0.00	0.00	0.00	0.00		0.00
51800_001 Wet Well Design			0	0.00	0.00	0.00	0.00		0.00
			0	0.00	0.00	0.00	0.00		0.00
Wet Well Construction			0	0.00	0.00	0.00	0.00		0.00
51801_001 Construction Contract (Overaa)			0	0.00	0.00	0.00	0.00		0.00
51801_002 Construction Management (Inferrera)			0	0.00	0.00	0.00	0.00		0.00
51801_005 Environmental (Horizon)	2,000		2,000	0.00	0.00	0.00	0.00		0.00
			0	0.00	0.00	0.00	0.00		0.00
Treatment Plant Construction - SRF funding eligible (950-53-553)									
43060_012 Contract Services - Program Mgmt Services	1,425,952		1,425,952	876,930.60	362,807.03	495,271.02	18,852.55		876,930.60
43195 Special Legal Counsel	50,000		50,000	18,736.03	9,183.46	9,183.48	369.09		18,736.03
43329 Environmental Services	66,200		66,200	61,087.10	26,058.83	26,104.15	8,924.12		61,087.10
43332 Permitting	112,000		112,000	5,596.00	0.00	5,596.00	0.00		5,596.00
CDFW LSAA for 3 lateral crossings				0.00	0.00	0.00	0.00		0.00
Stanislaus County - Aldrich Road crossing				0.00	0.00	0.00	0.00		0.00
Stanislaus County - Lateral 2, 2.5 & 3 crossing				0.00	0.00	0.00	0.00		0.00
43332_001 Permitting - Environmental Mitigation			0	0.00	0.00	0.00	0.00		0.00
Transplant credits				0.00	0.00	0.00	0.00		0.00
Mitigation credits				0.00	0.00	0.00	0.00		0.00
51802_001 Regional Trtmt Plant - Design/Build Contract	55,619,985		55,619,985	93,647,395.72	31,651,130.31	60,804,931.62	1,191,333.79		93,647,395.72
51802_002 Regional Trtmt Plant - Contract Management	501,960		501,960	446,525.79	144,451.09	293,278.14	8,796.56		446,525.79
Administrative Expenses (950-53-552)									
43055_002 Consultant Audit	10,000		10,000	4,806.00	2,403.00	2,403.00			4,806.00
43060_021 Contract Services General Manager	300,000		300,000	211,463.31	105,731.66	105,731.65			211,463.31
43060_023 Contract Services Watershed Sanitary Survey			0	1,785.00	892.50	892.50			1,785.00
43105_003 Interdepartmental Admin Support			0	0.00	0.00	0.00	0.00		0.00
Clerical	17,500		17,500	0.00	0.00	0.00	0.00		0.00
Financial/Accounting	25,000		25,000	0.00	0.00	0.00	0.00		0.00
44001_000 Supplies	300		300	0.00	0.00	0.00	0.00		0.00
44035 Photocopies	500		500	0.00	0.00	0.00	0.00		0.00
44040_000 Postage	500		500	0.00	0.00	0.00	0.00		0.00
47010 Bank Charges	700		700	5,238.92	2,619.46	2,619.46			5,238.92
47040_000 Dues	4,500		4,500	4,180.00	2,090.00	2,090.00			4,180.00
47095_000 Training	1,000		1,000	0.00	0.00	0.00			0.00
47091 Reimbursement to Ceres				32,199,620.79	32,199,620.79				32,199,620.79
47092 Reimbursement to Turlock				59,080,805.21		59,080,805.21			59,080,805.21
rational Expenses									
TBD Operations and Maintenance				26,658.40					26,658.40
TBD Agency Administration				0.00					0.00
TBD Operations Contingency				0.00					0.00
53027_001 SRF Loan-Interest	0		0	33,752.61	11,249.74	22,502.87	0.00		33,752.61
Total Expenditures	58,905,106	0	58,905,106	186,847,784.41	64,627,117.33	120,965,707.82	1,228,300.86	0.00	186,821,126.01
Revenues Over (Under) Expenditures	57,535,974	0	57,535,974	(20,294,403.06)	(39,710,639.66)	(72,069,230.15)	231,699.14	91,280,426.00	(20,267,744.66)

EXHIBIT B

3B3

Stanislaus Regional Water Authority
For FY 2022-23 (Updated 06/09/2023)

Account Name		Original Budget	Amendments	Amended Budget 2022-23	Unaudited Actual 2022-23	Ceres	Turlock	TID	Other Proceeds	Totals for 2022-23
REVENUES										
	Interest Income			0	(40,306.08)	(20,153.04)	(20,153.04)	0.00		(40,306.08)
34910	Integrated Water Mgmt Grant			0						
34911	Water Smart Grant			0						
34900_001	Agency Contribution - City of Turlock	39,754,728		39,754,728	36,086,472.00		36,086,472.00			36,086,472.00
34900_002	Agency Contribution - City of Ceres	22,189,606		22,189,606	19,960,420.00	19,960,420.00				19,960,420.00
34900_004	Agency Contribution - Turlock Irrigation District	1,473,907		1,473,907	1,294,490.00			1,294,490.00		1,294,490.00
34910	Integrated Water Mgmt Plan Grant			0	3,202,159.64	1,075,097.42	2,127,062.22			3,202,159.64
34912	Prop 68 Grant for Surface Water Project			0					0.00	0.00
35440	SRF Funding Proceeds			0	47,358,249.00				47,358,249.00	47,358,249.00
	Total Revenues	63,418,241	0	63,418,241	107,861,484.56	21,015,364.38	38,193,381.18	1,294,490.00	47,358,249.00	107,861,484.56
EXPENSES										
Pre-Treatment Plant Construction Project Expenses (950-53-552)										
43060_012	Contact Services Program Mgmt	90,927		90,927	125,891.57	58,159.39	67,732.18	0.00		125,891.57
43195	Special Legal Counsel	50,000		50,000	40,678.51	20,339.25	20,339.26	0.00		40,678.51
43332	Permitting			0		0.00	0.00			0.00
43332_002	Permitting - Water Rights Acquisition			0						0.00
45002_000	TID - electrical service	452,109		452,109		0.00	0.00	0.00		0.00
51001	Property Acquisition - facility site			0		0.00	0.00	0.00		0.00
51001	Property Acquisition - infiltration gallery			0		0.00	0.00	0.00		0.00
51001	Property Acquisition - Geer Road easement			0		0.00				0.00
51001	Property Acquisition - delivery facilities			0		0.00	0.00			0.00
51800_001	Wet Well Design			0						0.00
				0						0.00
	Wet Well Construction			0						0.00
51801_001	Construction Contract (Overaa)			0						0.00
51801_002	Construction Management (Infererra)			0						0.00
51801_005	Environmental (Horizon)	2,000		2,000						0.00
				0						0.00
Treatment Plant Construction - SRF funding eligible (950-53-553)										
43060_012	Contract Services - Program Mgmt Services	1,425,952		1,425,952	526,562.50	203,260.02	313,657.20	9,645.28		526,562.50
43195	Special Legal Counsel	50,000		50,000	7,569.40	3,710.14	3,710.15	149.11		7,569.40
43329	Environmental Services	66,200		66,200	26,206.80	10,991.23	11,617.87	3,597.70		26,206.80
43332	Permitting	112,000		112,000	365.00		365.00			365.00
	CDFW LSAA for 3 lateral crossings					0.00	0.00	0.00		0.00
	Stanislaus County - Aldrich Road crossing					0.00	0.00	0.00		0.00
	Stanislaus County - Lateral 2, 2.5 & 3 crossing					0.00	0.00	0.00		0.00
43332_001	Permitting - Environmental Mitigation			0						0.00
	Transplant credits					0.00	0.00	0.00		0.00
	Mitigation credits					0.00	0.00	0.00		0.00
51802_001	Regional Trtmt Plant - Design/Build Contract	55,619,985		55,619,985	42,072,990.03	13,827,282.75	27,350,928.64	894,778.64		42,072,990.03
51802_002	Regional Trtmt Plant - Contract Management	501,960		501,960	321,582.48	104,031.94	211,215.37	6,335.17		321,582.48
Administrative Expenses (950-53-552)										
43055_002	Consultant Audit	10,000		10,000	720.00	360.00	360.00			720.00
43060_021	Contract Services General Manager	300,000		300,000	166,140.36	83,070.18	83,070.18			166,140.36
43060_023	Contract Services Watershed Sanitary Survey			0		0.00	0.00			0.00
43105_003	Interdepartmental Admin Support			0						0.00
	Clerical	12,500		12,500		0.00	0.00			0.00
	Financial/Accounting	25,000		25,000		0.00	0.00			0.00
44001_000	Supplies	300		300		0.00	0.00			0.00
44035	Photocopies	500		500		0.00	0.00			0.00
44040_000	Postage	500		500	30.32	15.16	15.16			30.32
47010	Bank Charges	700		700		0.00	0.00			0.00
47040_000	Dues	4,500		4,500	4,180.00	2,090.00	2,090.00			4,180.00
47095_000	Training	1,000		1,000		0.00	0.00			0.00
47091	Reimbursement to Ceres				11,046,511.54	11,046,511.54				11,046,511.54
47092	Reimbursement to Turlock				18,900,375.65		18,900,375.65			18,900,375.65
Debt Expenses										
53027_001	SRF Loan-Interest	1,987,719		1,987,719	644,223.66	214,719.75	429,503.91	0.00		644,223.66
Operational Expenses										
TBD	Operations and Maintenance	2,206,419		2,206,419						
TBD	Agency Administration	247,969		247,969						
TBD	Operations Contingency	250,000		250,000						
	Total Expenditures	63,418,240	0	63,418,240	73,884,027.82	25,574,541.35	47,394,980.57	914,505.90	0.00	73,884,027.82
	Revenues Over (Under) Expenditures	1	0	1	33,977,456.74	(4,559,176.97)	(9,201,599.39)	379,984.10	47,358,249.00	33,977,456.74

Stanislaus Regional Water Authority
Project to Date (updated as of 06/09/2023)

					Project to Date	Actuals Thru	Actuals For	Total
	City of Ceres	City of Turlock	TID	Other Proceeds	Total Since Dec 2015	6/30/2022	2022-23	
Agency Contributions								
Received from Agencies - through 6-30-2022	47,629,297.10	90,086,287.50	4,285,715.77		142,001,300.37	142,001,300.37		142,001,300.37
Received from Agencies - 2022-23	19,960,420.00	36,086,472.00	1,294,490.00		57,341,382.00		57,341,382.00	57,341,382.00
Interest Income	132,857.95	190,941.90	8,371.10		332,170.95	372,477.03	(40,306.08)	332,170.95
Integrated Water Mgmt Plan Grant	1,075,097.42	2,127,062.22		0.00	3,202,159.64		3,202,159.64	3,202,159.64
Prop 68 Grant Proceeds				27,750,000.00	27,750,000.00	27,750,000.00		27,750,000.00
SRF Proceeds				110,888,675.00	110,888,675.00	63,530,426.00	47,358,249.00	110,888,675.00
Total Revenue	68,797,672.47	128,490,763.62	5,588,576.87	138,638,675.00	341,515,687.96	233,654,203.40	107,861,484.56	341,515,687.96
Expenditures								
Pre-Treatment Plant Construction Project Expenses (950-52-553)								
Government Relations	(74,723.55)	(74,723.55)	0.00		(149,447.10)	(149,447.10)	0.00	(149,447.10)
Environmental Services (Phase I)	(250,664.65)	(250,664.65)	(32,520.11)		(533,849.41)	(533,849.41)	0.00	(533,849.41)
Project Management Services	(3,499,159.00)	(3,656,643.91)	(169,093.63)		(7,324,896.54)	(7,199,004.97)	(125,891.57)	(7,324,896.54)
Special Legal Expenses	(243,592.90)	(243,592.91)	(5,302.43)		(492,488.24)	(451,809.73)	(40,678.51)	(492,488.24)
Wet Well Design (West Yost)	(166,904.88)	(206,872.74)	(93,444.40)		(467,222.02)	(467,222.02)	0.00	(467,222.02)
Fees to Stan County-CEQA related to wet well	(1,136.63)	(1,136.62)	0.00		(2,273.25)	(2,273.25)		(2,273.25)
Permitting	(17,768.08)	(17,768.09)	0.00		(35,536.17)	(35,536.17)	0.00	(35,536.17)
Permitting - Water Rights Acquisition	(36,240.88)	(36,240.89)	0.00		(72,481.77)	(72,481.77)	0.00	(72,481.77)
Water Shed Survey	(40,660.67)	(40,660.67)	0.00		(81,321.34)	(81,321.34)	0.00	(81,321.34)
Property Acquisition - facility site	(479,756.19)	(959,656.32)	0.00		(1,439,412.51)	(1,439,412.51)	0.00	(1,439,412.51)
Property Acquisition - infiltration gallery	(246,925.80)	(493,925.69)	0.00		(740,851.49)	(740,851.49)	0.00	(740,851.49)
Property Acquisition - Geer Road easement	(92,272.49)	(145.01)	0.00		(92,417.50)	(92,417.50)	0.00	(92,417.50)
Property Acquisition - delivery facilities	(7,393.88)	(7,393.88)	0.00		(14,787.76)	(14,787.76)	0.00	(14,787.76)
Wet Well Construction								
Construction Contract	(1,888,242.96)	(3,769,413.84)	(1,414,414.20)		(7,072,071.00)	(7,072,071.00)	0.00	(7,072,071.00)
Construction Management	(145,962.80)	(291,378.94)	(109,335.45)		(546,677.19)	(546,677.19)	0.00	(546,677.19)
Environmental (Phase II)	(103,524.75)	(155,193.07)	(47,798.97)		(306,516.79)	(306,516.79)	0.00	(306,516.79)
Contractor Financial Evaluation	(18,944.30)	(18,944.30)	(761.40)		(38,650.00)	(38,650.00)	0.00	(38,650.00)
TID - electrical service	(1,507.99)	(3,016.44)	0.00		(4,524.43)	(4,524.43)	0.00	(4,524.43)
Treatment Plant Construction - SRF funding eligible (950-53-553)								
Contract Services - Program Mgmt Services	(935,248.16)	(1,328,170.98)	(42,201.65)		(2,305,620.79)	(1,779,058.29)	(526,562.50)	(2,305,620.79)
Special Legal Counsel	(30,779.42)	(30,779.45)	(1,237.06)		(62,795.93)	(55,226.53)	(7,569.40)	(62,795.93)
Environmental Services	(89,051.13)	(90,399.24)	(30,239.54)		(209,689.91)	(183,483.11)	(26,206.80)	(209,689.91)
Permitting	(8,605.81)	(52,746.44)	0.00		(61,352.25)	(60,987.25)	(365.00)	(61,352.25)
Permitting - Environmental Mitigation	(47,339.25)	(94,660.75)	(35,500.00)		(177,500.00)	(177,500.00)	0.00	(177,500.00)
Regional Trtmt Plant - Design/Build Contract	(56,957,074.50)	(113,037,546.78)	(2,660,311.41)		(172,654,932.69)	(130,581,942.66)	(42,072,990.03)	(172,654,932.69)
Regional Trtmt Plant - Contract Management	(324,211.71)	(658,244.96)	(19,743.34)		(1,002,200.01)	(680,617.53)	(321,582.48)	(1,002,200.01)
Administrative Support								
Clerical Services	(26,719.28)	(26,719.28)	0.00		(53,438.56)	(53,438.56)	0.00	(53,438.56)
Accounting Services	(30,275.54)	(30,275.52)	0.00		(60,551.06)	(60,551.06)	0.00	(60,551.06)
Interim JPA attorney	(22,662.50)	(22,662.50)	0.00		(45,325.00)	(45,325.00)	0.00	(45,325.00)
Interim General Manager	(121,991.80)	(121,991.80)	0.00		(243,983.60)	(243,983.60)	0.00	(243,983.60)
General Manager	(489,448.64)	(489,448.63)	0.00		(978,897.27)	(812,756.91)	(166,140.36)	(978,897.27)
External Audit	(14,498.00)	(14,498.00)	0.00		(28,996.00)	(28,276.00)	(720.00)	(28,996.00)
Contract Services Watershed Sanitary Survey	(892.50)	(892.50)	0.00		(1,785.00)	(1,785.00)	0.00	(1,785.00)
Supplies and other Miscellaneous Expenses	(15,515.08)	(15,515.07)	0.00		(31,030.15)	(26,819.83)	(4,210.32)	(31,030.15)
Reimbursement to Ceres	(43,246,132.33)				(43,246,132.33)	(32,199,620.79)	(11,046,511.54)	(43,246,132.33)
Reimbursement to Turlock	0.00	(77,981,180.86)	0.00		(77,981,180.86)	(59,080,805.21)	(18,900,375.65)	(77,981,180.86)
Debt Expenses								
SRF Loan-Interest	(225,969.49)	(452,006.78)	0.00		(677,976.27)	(33,752.61)	(644,223.66)	(677,976.27)
Total Expenditures	(109,901,797.54)	(204,675,111.06)	(4,661,903.59)	0.00	(319,238,812.19)	(245,354,784.37)	(73,884,027.82)	(319,238,812.19)
Contributions over (under) Expenditures - project to date	(41,104,125.07)	(76,184,347.44)	926,673.28	138,638,675.00	22,276,875.77	(11,700,580.97)	33,977,456.74	22,276,875.77



1. A. **CALL TO ORDER:** Chair Bublak called the meeting to 12:00 p.m.

B. **SALUTE TO THE FLAG**

C. **ROLL CALL**

PRESENT: Director Bret Silveira, Director Pam Franco, Vice Chair Javier Lopez, Chair Amy Bublak

ABSENT:

2. **RECOGNITION, APPOINTMENTS, ANNOUNCEMENTS & PRESENTATIONS:** None

3. A. **SPECIAL BRIEFINGS:** None

Zoom video technical difficulties for the public. Phone was used to see the board on Zoom.

B. STAFF UPDATES:

1. General Manager Granberg provided a presentation on project updates, design build contract status, environmental clearance/permitting, status, operations agreement, Section 4.2-staffing and pre-acceptance duties, Cities readiness, funding/financing update, public outreach, and project photos.

Chair Bublak opened public participation.

No one spoke from the public.

Chair Bublak closed public participation.

The board requested for the ribbon cutting for the plant to be in November. General Manager Granberg said new dates will be sent out to the board.

2. City of Turlock Municipal Director Dale Goodman provided an update on the City of Turlock staff recruitment effort. All positions but the five senior operators are filled. City of Turlock is working with HR to provide incentives to hire the vacant positions. One incentive is to pay half a bonus when they start and the other half later, and certification pay for those with a T2 and higher. Goodman indicated they are working with the contractor to get a proposal for the support of the senior operators for the short term as they hire those positions.

Chair Bublak opened public participation.

No one from the public spoke.

Chair Bublak closed public participation.

DRAFT

Municipal Director Dale Goodman said it is difficult to hire D4 and T4 operators, but they are working on trying to find ways to hire. Goodman commented on the status of the City of Turlock chlorination and some feedback from their residents. Director Franco asked if City of Turlock will be ready for the surface water as schedule. Municipal Director Goodman indicated they will be ready for the scheduled date of introduction for surface water.

Director Silveira said they are getting close to having to decide what the direction of the plant is going to be without the five senior operator decisions and questioned the rest of the board on when the decision is going to be made. Chair Bublak responded that City of Turlock is waiting for City of Ceres to meet. Municipal Director Goodman said they have reached out to Ted from Jacobs to get a proposal on the five operators, and they are expecting that proposal in the next 15 to 30 days.

- 3. Finance Director Moreno provided an update on financial activities as of May 11, 2023. Revenue and expenses reviewed.

Chair Bublak opened public participation.

No one from the public spoke.

Chair Bublak closed public participation.

C. PUBLIC PARTICIPATION:

Chair Bublak opened public participation.

No one from the public spoke.

Chair Bublak closed public participation.

- 4. **DECLARATION OF CONFLICTS OF INTEREST AND DISQUALIFICATIONS:** None

5. CONSENT CALENDAR:

- A. **Action:** Motion by Director Franco seconded by Director Silveira, to approve the minutes of the special meeting of March 22, 2023. Motion carried 4/0 by the following vote:

Director Franco	Director Silveira	Vice Chair Lopez	Chair Bublak
Yes	Yes	Yes	Yes

- 6. **PUBLIC HEARINGS:** None

7. SCHEDULED MATTERS:

- A. General Manager Granberg presented on metal material costs impacts, cost increase and mitigation efforts for pre-engineered metal buildings, miscellaneous metals, iron fencing, steel, ductile iron piping, joists, and decking.

Chair Bublak opened public participation.

DRAFT

No one from the public spoke.

Chair Bublak closed public participation.

Director Franco asked if the Finance Director Moreno has seen the changer order. Finance Director Moreno responded he has not seen the back up or change order. Director Franco asked what the policy for change order and the board review of it is. General Manager Granberg responded there was a resolution granting the General Manager up to \$600,000 per change order and \$1.5 million accumulative in total but this change order is not close to that amount. Director Franco said the change order detail was to be brought to the board for approval. General Manager Granberg said that is Jacobs’s risk and responsibility and the SRWA reviews if it meets the functionality and need. The board requested the backup to this change order for them to decide on this item. General Granberg said the backup will be sent out in an email after the meeting. Chair Bublak requested the motion to include the total amount of the change order. Vice Chair Lopez asked to table this item until the next meeting.

Action: Motion to authorize the General Manager to issue a changer order to the CH2MHILL Engineers Inc. Regional Surface Water Supply Project Design-Build Contract for an Uncontrollable Circumstances Claim for Metals Materials. *(Action failed due to lack of any motion)*

Action: Motion by Chair Bublak, seconded by Vice Chair Lopez, to table authorization for the General Manager to issue a change order to the CH2MHILL Engineers Inc. Regional Surface Water Supply Project Design-Build Contract for an Uncontrollable Circumstances Claim for Metals Materials and including the dollar amount. Motion carried 3/1 by the following vote:

Director Franco	Director Silveira	Vice Chair Lopez	Chair Bublak
Yes	No	Yes	Yes

- B. Finance Director Moreno presented on the draft SRWA O&M budget for FY 2023-2024. Final budget will be presented in June for adoption.

Chair Bublak opened public participation.

No one from the public spoke.

Chair Bublak closed public participation.

DRAFT

9. **BOARD ITEMS FOR FUTURE CONSIDERATION:** Chair Bublak asked if the SRWA is in violation if zoom is not used for the public to participate.
10. **BOARD COMMENTS:** None
11. **NEXT MEETING DATE:** June 15, 2023, in Turlock
12. **CLOSED SESSION:** None
13. **ADJOURNMENT:** Chair Bublak adjourned the meeting at 12:56 p.m. Motion carried unanimously.

Respectfully submitted,

DRAFT

Angelica Gonsalves, Board Secretary

From: Robert Granberg, General Manager
Lindsay Smith, Program Manager
Prepared by: Robert Granberg, General Manager

1. ACTION RECOMMENDED:

Motion: Authorize the General Manager to Issue a Change Order in the amount of \$2,371,308.29 to CH2MHILL Engineers, Inc. for an Uncontrollable Circumstances Claim - Metals Materials

2. DISCUSSION OF ISSUE:

On October 27, 2022, CH2MHILL Engineers, Inc., a wholly owned subsidiary of Jacobs, submitted a Request for Entitlement to Price Relief Due to Uncontrollable Circumstances for five metals materials procured, fabricated, and installed for the Regional Surface Water Supply Project (Attachment 1) as shown in Table 1. Jacobs attributes the increases in material cost to COVID-19 pandemic impacts affecting raw material supply chains on a local, national, and global level as well as increased fabrication costs due to social distancing requirements, and increased transportation costs (fuel increases and lack of available truck drivers).

Table 1

Item No.	Description	Cost
1	Pre-Engineered Metal Buildings	\$615,433.77
2	Miscellaneous Metals	\$333,213.32
3	Iron Fencing	\$191,144.47
4	Steel & Ductile Iron Piping	\$989,648.20
5	Joists & Decking	\$241,868.53
	Total	\$2,371,308.29

Design-Build Contract Sections 6.2(C)(2), 8.3 and 8.4 entitles Jacobs to claim price relief due to Uncontrollable Circumstances. The Contract defines an Uncontrollable Circumstance to mean any act, event, or condition that (1) is not attributable to the party claiming the occurrence of an Uncontrollable Circumstance, and for which the party did not expressly assume the risk, and (2) materially expands the scope of, materially interferes with, materially delays,

or materially increases the cost of performing the party's obligations under the Contract, to the extent that such act, event or condition is not the result of the willful or negligent act, error or omission, failure to exercise reasonable diligence, or breach of this Contract on the part of the party claiming the occurrence of an Uncontrollable Circumstance. Further, Uncontrollable Circumstances shall include, without limitation, naturally occurring events, epidemics (including expressly, the COVID-19 pandemic), and other acts of God; and other events if it affected Jacobs directly, and Jacobs could not use all reasonable efforts to timely mitigate the impact. The Contract excludes those impacts due to changes in inflation rates, wage rates, commodity prices, or other general economic conditions, and Jacobs bears the burden of proof in establishing the occurrence of an Uncontrollable Circumstance.

In a December 12, 2022, letter (Attachment 2), SRWA informed Jacobs of their failure to adequately substantiate an Uncontrollable Circumstance cost increase based on a COVID-19 pandemic claim. Jacobs responded in a January 19, 2023, letter (Attachment 3) requesting an informal negotiation meeting to review background documentation obtained from material fabricators and suppliers connecting the cost increases to COVID-19 pandemic impacts (Attachment 4). On March 1, 2023, the parties pursued informal negotiations as defined by Contract Section 7.10(B), attended by senior representatives from Jacobs, their subcontractor C.Overaa Construction, ICM, West Yost and the General Manager.

During Design-Build Contract negotiations in early 2020, Jacobs and SRWA were aware that the COVID-19 pandemic would negatively impact the Project, although the nature and extent of these impacts was unknown at the time and difficult to identify and predict with certainty. Not knowing to what extent cost and schedule would be affected, SRWA established a \$4.5M allowance to address COVID-19-related impacts that were projected to be brought about by reduced construction efficiencies to meet social distancing directives and increased cleaning and disinfecting procedures. Neither SRWA nor Jacobs could have reasonably foreseen the occurrence of nationwide supply chain impacts at that early Project stage. After realizing minimal COVID-19 impacts during early Project activities, SRWA withdrew the allowance from the FY 21/22 budget, which was adopted in June 2021. As Jacobs completed design in September 2021, and began to timely place material orders, the availability and cost of raw metals had increased significantly, resulting in what Jacobs identified as an Uncontrollable Circumstance caused by the pandemic's impacts on the supply chain and materials producers. The cost differentials and availability of raw materials and time of fabrication between the negotiated price and price at time of placing orders was significantly higher (orders of magnitude higher than historical material cost increases) for the five metals categories as a direct result of pandemic-related disruptions in the supply chain and other pandemic-caused issues.

SRWA staff, including West Yost and ICM, worked closely with Jacobs to mitigate these impacts through allowing material substitutions, design changes, and early

work package approvals. The Design-Build project delivery method provided the flexibility for the parties to make project delivery modifications that minimized schedule impacts, ultimately avoiding both work stoppage and any resulting extended overhead claims. The material substitutions and design changes avoided between 100 to 365 days of work stoppage which would have amounted to a cost of \$1.6 million to \$5.7 million in addition to the material price increases, respectively.

As previously stated, the Contract defines an Uncontrollable Circumstance to specifically include the COVID-19 pandemic. No one can dispute that the pandemic caused impacts to the Project. Proving cost increases due solely to the pandemic is difficult, however, the General Manager and consultant team reviewed the information provided by Jacobs and believe sufficient documentation has been provided linking the cost increases to legitimate COVID-19 pandemic-related impacts.

It is recommended the Board approve a Contract Change Order in the amount of \$2,371,308.29. The work progressed on schedule and in the most cost-effective manner despite material, fabrication, and transportation impacts brought about directly, and indirectly, by the COVID-19 pandemic.

3. FISCAL IMPACT / BUDGET AMENDMENT:

At present, there have been a total of 33 executed Change Orders resulting in a Contract price reduction of \$2,105,393.63. This Change Order, in the amount of \$2,371,308.29, would increase the Project cost to \$195,666,271.66, a 0.1% overall increase in the Contract price. There are additional project allowances and contingencies that are not anticipated to be used, therefore no budget amendment is required at this time.

4. GENERAL MANAGER'S COMMENTS:

Recommends approval.

5. ENVIRONMENTAL DETERMINATION:

N/A

6. ALTERNATIVES:

The Board could direct the General Manager to reject the Uncontrollable Circumstance claim and direct Jacobs to pursue Contract dispute resolution procedures defined in Contract Section 7.10 Dispute Resolution Procedures beginning with non-binding mediation and potentially leading to filing of a lawsuit. If this alternative were selected, SRWA would incur expenses of an unknown amount for legal fees associated with dispute resolution.



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TRANSMITTED VIA ELECTRONIC MAIL

October 27, 2022

Stanislaus Regional Water Authority (SRWA)
156 S Broadway
Suite 270
Turlock, CA 95380
Attn: Mr. Robert Granberg, P.E., General Manager

Reference: Design-Build Contract for The Regional Surface Water Supply Project dated July 6, 2020 (Contract)

Subject: Request for Entitlement to Time and Price Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

Dear Mr. Robert Granberg,

CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs (Jacobs) is providing this letter and attachments as an update regarding notice of Uncontrollable Circumstance, per the Design-Build Contract Section 8.4 – Uncontrollable Circumstances – Claim Procedures. Over the past year, numerous individual notice letters and updates have been provided to the Agency, for Pre-Engineered Metal Buildings and Joists & Decking. With this letter, Jacobs is collecting all metals materials items meeting the definition of Uncontrollable Circumstance (UC) into a single communication and is reserving our right to entitlement. The last UC update via letter 000101 dated September 15, 2022, had draft costs and backup to substantiate the UC. This letter and subsequent attachments are the final version for formal Agency review. In certain cases, this collective document is seeking relief for costs, when past notices did not; however, each of these metals materials UC impacts meets the following definitions within the Design-Build Contract:

(d) epidemics (including, expressly, the COVID-19 pandemic);

(g) the failure of any Subcontractor to furnish services, materials, chemicals or equipment on the dates agreed to, but only if such failure is the result of an event which would constitute an Uncontrollable Circumstance if it affected the Company directly, and the Company is not able after exercising all reasonable efforts to timely obtain substitutes:

Each of the UC impacts originate due to COVID-19 and the pandemic impact to metals resources and materials supply chain, on a local, national, and global level. For impacts to metals materials, mitigation strategies are centered around alternate design, alternate materials, and alternate suppliers/subcontractors. At this time, Jacobs is communicating the following UC impacts, shown below in Table 1 – UC Impacts Due to Metals Materials. These are considered first submittal values. In certain cases the impact remains dynamic, with entitlement and costs still evolving. Jacobs will provide routine updates on this collective UC document. No further information will be provided under the original notices for Pre-Engineered Metal Buildings and Joists & Decking. Although we are reporting these items collectively, each impact item will advance and may conclude individually. In order to evaluate entitlement, Jacobs prepared an independent assessment of UC costs. Jacobs' assessment is included in Table 1 and attachment documentation.

October 27, 2022

Request for Entitlement to Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

Table 1 – UC Impacts Due to Metals Materials

Impact Item No.	Description	UC Total Costs (Including Jacobs bonds, insurances, and fees)	Jacobs independent assessment of UC Costs
1	Pre-Engineered Metal Buildings	\$615,433.77	Reasonable
2	Miscellaneous Metals	\$333,213.32	Reasonable
3	Iron Fencing	\$191,144.47	Low
4	Steel & Ductile Iron Piping	\$989,648.20	Very Low
5	Joists & Decking	\$241,868.53	High
	Totals	\$2,371,308.29	

Based on Jacobs' independent assessment of UC Costs, Jacobs recommends a reduced value for Impact Item 5. See the attached documents for further information on independent cost estimates. However, numerous items also are lower than previously shared on past UC letters. Jacobs recommends the total impact is reasonable and recommends entering discussion on this metals materials UC topic at the earliest opportunity, to negotiate final impacts.

Jacobs is including the following attachments:

- Attachment 1 – Impact Item No 1 – Pre-Engineered Metal Buildings
- Attachment 2 – Impact Item No 2 – Miscellaneous Metals
- Attachment 3 – Impact Item No 3 – Iron Fencing
- Attachment 4 – Impact Item No 4 – Steel & Ductile Iron Piping
- Attachment 5 – Impact Item No 5 – Joists & Decking

For each of the impacts noted above, Jacobs is including the following documentation within the attachment:

1. UC Written Report – this document describes applicable contract references, UC information and dates, description of impact, mitigation strategy, cost impact, schedule impact, and performance impact.

October 27, 2022

Request for Entitlement to Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

2. UC Cost Estimate – this table includes a cost estimate of impact changes.
3. Cost Fluctuations Analysis – this table studies cost fluctuations over the past 10 years, reasonable assumptions of cost fluctuations that were to be included in the pricing, and actual cost fluctuations. Also, this document includes graphics of actual cost fluctuations.
4. Quotes – this attachment includes the original quote utilized before contract signing and the final eventual quote.
5. Cost Records – this attachment includes actual documentation of procurement, including contracts, purchase orders, and changes.

Jacobs certifies that this submittal is made in good faith; that the supporting data are complete and accurate at the time of the submittal to the best knowledge of the Design-Builder; and that the requested relief accurately reflects the relief to which the Design-Builder reasonably believes we are entitled. Jacobs submits this documentation as representation of requirements from Design-Build Contract Section 10.8 – Cost Substantiation Certificate.

Jacobs will continue to seek opportunities to mitigate further impacts and provide updates.

Should you have any questions, please do not hesitate to contact me via phone at 480.909.7864 or email at Ted.Michaelidis@jacobs.com.

Regards,

Jacobs



Theodoros (Ted) Michaelidis, STSC, DBIA
Design-Build Manager

Copies to:

Lindsay Smith, P.E.- West Yost Associates

Jeff Inferrera- ICM

Joe Broughton- Jacobs

Kelly Vorenkamp- Jacobs

Project File- SRWA2019@Jacobs.com



Stanislaus Regional Water Authority

156 S. Broadway, Ste. 270

Turlock, CA 95380

P: 209-668-4142 F: 209-668-5695

www.stanrwa.com

December 12, 2022

Theodoros (Ted) Michaelidis, STSC, DBIA
Jacobs/CH2M HILL Engineers, Inc.
2485 Natomas Park Drive, Suite 600
Sacramento, CA 95833

Sent Via Email

SUBJECT: REQUEST FOR ENTITLEMENT TO TIME AND PRICE RELIEF DUE TO UNCONTROLLABLE CIRCUMSTANCES – METALS MATERIALS

This letter is in response to your October 27, 2022, request for entitlement for time and price relief due to uncontrollable circumstances in accordance with Contract Section 8.4 – Uncontrollable Circumstances – Claim Procedures. Your letter is seeking relief for metals material impacts due expressly to the COVID-19 pandemic. The following response satisfies Design-Build Contract Section 8.4(F).

Jacobs has met the noticing requirements in accordance with Design-Build Contract Section 8.4 (A-C), however, has failed to meet the requirements of Section 8.4 (E) based on the assertion of an Uncontrollable Circumstance. Your request specifically cites the Design-Build Contract definition of an Uncontrollable Circumstance in Section 1.1 and the part (sec. (1)(d)) of that definition that refers to epidemics (including, expressly, the COVID-19 pandemic). Jacobs will need to provide further evidence to support a COVID-19 Uncontrollable Circumstance claim based on that particular event or condition. Jacobs may be entitled to a price increase to the extent it experienced cost increases due to COVID-19; however, Jacobs is not entitled to price adjustments to the extent cost increases resulted from inflation, commodity price increases, or adverse economic conditions as included in Section (2)(b)(c) of the Uncontrollable Circumstance definition.

Jacobs must demonstrate and prove (with supporting evidence) that 1) there was an Uncontrollable Circumstance within the scope of the Design-Build Contract definition, and 2) the Uncontrollable Circumstance materially increased Jacobs' cost of performing its contractual obligation. This means proof as to the cause being COVID-19, not from or by any act, event, or circumstance listed in the exclusions part of the definition.

There is an exception to the Uncontrollable Circumstance exclusion for commodity price increases in Design-Build Contract Section 6.2(D) which allows for an adjustment to the design-build price based on cost fluctuations for certain raw materials listed in Table 6-2. Jacobs chose to opt out of the price adjustments for these cost fluctuations, therefore, Table 6-2 and calculations in Section 6.2(D) shall not apply to this design-build price adjustment. Jacobs' decision to opt out indicates a recognition of assumed risk of commodity price increases.

In summary, SRWA does not concur with the request for Entitlement to Time and Price Relief Due to Uncontrollable Circumstances – Metals Materials due to COVID-19. Attachments 1-5 to Jacob's October 27, 2022, letter appear to support other non-COVID-19 causes and do not substantiate an Uncontrollable Circumstance claim for cost increases caused by COVID-19.

Theodoros (Ted) Michaelidis, STSC, DBIA
December 12, 2022
Page 2

If you disagree or dispute SRWA's response to this claim, Jacobs is directed to Design-Build Contract Section 7.10 RESOLUTION OF DISPUTES and Design-Build Contract Appendix 14 (Resolution of Company Claims). Note the 15-day claim filing deadline in App. 14, section 14.4.

Sincerely,

A handwritten signature in black ink that reads "Robert L. Granberg". The signature is written in a cursive, flowing style.

Robert L. Granberg, P.E., DBIA
General Manager

cc: Joe Broughton, Jacobs
Kelly Vorenkamp, Jacobs
Lindsay Smith, P.E., West Yost Associates
Jeff Inferrera, P.E., ICM



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TRANSMITTED VIA ELECTRONIC MAIL

January 19, 2023

Stanislaus Regional Water Authority (SRWA)
156 S Broadway
Suite 270
Turlock, CA 95380
Attn: Mr. Robert Granberg, P.E., General Manager

Reference: Design-Build Contract for The Regional Surface Water Supply Project dated July 6, 2020 (Contract)

Subject: Request for Entitlement to Time and Price Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000128

Dear Mr. Robert Granberg,

CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs (Jacobs) is working on coordinating some tentative dates and times in February 2023 for the informal negotiations with the Agency. We appreciate the Agency allowing several more weeks for Jacobs and Overaa (Jacobs subcontractor) to prepare background material to assist in the negotiations. We look forward to discussing all the items in Table 1 next month.

Table 1 – UC Impacts Due to Metals Materials

Impact Item No.	Description	UC Total Costs (Including Jacobs bonds, insurances, and fees)	Jacobs independent assessment of UC Costs
1	Pre-Engineered Metal Buildings	\$615,433.77	Reasonable
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	Totals	\$2,371,308.29	

Should you have any questions, please do not hesitate to contact me via phone at 480.909.7864 or email at Ted.Michaelidis@jacobs.com.

Regards,

Jacobs

Theodoros (Ted) Michaelidis, STSC, DBIA



January 19, 2023

Request for Entitlement to Time and Price Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000128

Design-Build Manager

Copies to:

Lindsay Smith, P.E.- West Yost Associates

Jeff Inferrera- ICM

Joe Broughton- Jacobs

Kelly Vorenkamp- Jacobs

Project File- SRWA2019@Jacobs.com



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TRANSMITTED VIA ELECTRONIC MAIL

October 27, 2022

Stanislaus Regional Water Authority (SRWA)
156 S Broadway
Suite 270
Turlock, CA 95380
Attn: Mr. Robert Granberg, P.E., General Manager

Reference: Design-Build Contract for The Regional Surface Water Supply Project dated July 6, 2020 (Contract)

Subject: Request for Entitlement to Time and Price Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

Dear Mr. Robert Granberg,

CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs (Jacobs) is providing this letter and attachments as an update regarding notice of Uncontrollable Circumstance, per the Design-Build Contract Section 8.4 – Uncontrollable Circumstances – Claim Procedures. Over the past year, numerous individual notice letters and updates have been provided to the Agency, for Pre-Engineered Metal Buildings and Joists & Decking. With this letter, Jacobs is collecting all metals materials items meeting the definition of Uncontrollable Circumstance (UC) into a single communication and is reserving our right to entitlement. The last UC update via letter 000101 dated September 15, 2022, had draft costs and backup to substantiate the UC. This letter and subsequent attachments are the final version for formal Agency review. In certain cases, this collective document is seeking relief for costs, when past notices did not; however, each of these metals materials UC impacts meets the following definitions within the Design-Build Contract:

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(g) the failure of any Subcontractor to furnish services, materials, chemicals or equipment on the dates agreed to, but only if such failure is the result of an event which would constitute an Uncontrollable Circumstance if it affected the Company directly, and the Company is not able after exercising all reasonable efforts to timely obtain substitutes:

Each of the UC impacts originate due to COVID-19 and the pandemic impact to metals resources and materials supply chain, on a local, national, and global level. For impacts to metals materials, mitigation strategies are centered around alternate design, alternate materials, and alternate suppliers/subcontractors. At this time, Jacobs is communicating the following UC impacts, shown below in Table 1 – UC Impacts Due to Metals Materials. These are considered first submittal values. In certain cases the impact remains dynamic, with entitlement and costs still evolving. Jacobs will provide routine updates on this collective UC document. No further information will be provided under the original notices for Pre-Engineered Metal Buildings and Joists & Decking. Although we are reporting these items collectively, each impact item will advance and may conclude individually. In order to evaluate entitlement, Jacobs prepared an independent assessment of UC costs. Jacobs' assessment is included in Table 1 and attachment documentation.

October 27, 2022

Request for Entitlement to Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

Table 1 – UC Impacts Due to Metals Materials

Impact Item No.	Description	UC Total Costs (Including Jacobs bonds, insurances, and fees)	Jacobs independent assessment of UC Costs
1	Pre-Engineered Metal Buildings	\$615,433.77	Reasonable
2	Miscellaneous Metals	\$333,213.32	Reasonable
3	Iron Fencing	\$191,144.47	Low
4	Steel & Ductile Iron Piping	\$989,648.20	Very Low
5	Joists & Decking	\$241,868.53	High
	Totals	\$2,371,308.29	

Based on Jacobs' independent assessment of UC Costs, Jacobs recommends a reduced value for Impact Item 5. See the attached documents for further information on independent cost estimates. However, numerous items also are lower than previously shared on past UC letters. Jacobs recommends the total impact is reasonable and recommends entering discussion on this metals materials UC topic at the earliest opportunity, to negotiate final impacts.

Jacobs is including the following attachments:

- Attachment 1 – Impact Item No 1 – Pre-Engineered Metal Buildings
- Attachment 2 – Impact Item No 2 – Miscellaneous Metals
- Attachment 3 – Impact Item No 3 – Iron Fencing
- Attachment 4 – Impact Item No 4 – Steel & Ductile Iron Piping
- Attachment 5 – Impact Item No 5 – Joists & Decking

For each of the impacts noted above, Jacobs is including the following documentation within the attachment:

1. UC Written Report – this document describes applicable contract references, UC information and dates, description of impact, mitigation strategy, cost impact, schedule impact, and performance impact.

Jacobs

October 27, 2022

Request for Entitlement to Relief Due to Uncontrollable Circumstances – Metals Materials, LTR# JEG-PM-LTR-000108

2. UC Cost Estimate – this table includes a cost estimate of impact changes.
3. Cost Fluctuations Analysis – this table studies cost fluctuations over the past 10 years, reasonable assumptions of cost fluctuations that were to be included in the pricing, and actual cost fluctuations. Also, this document includes graphics of actual cost fluctuations.
4. Quotes – this attachment includes the original quote utilized before contract signing and the final eventual quote.
5. Cost Records – this attachment includes actual documentation of procurement, including contracts, purchase orders, and changes.

Jacobs certifies that this submittal is made in good faith; that the supporting data are complete and accurate at the time of the submittal to the best knowledge of the Design-Builder; and that the requested relief accurately reflects the relief to which the Design-Builder reasonably believes we are entitled. Jacobs submits this documentation as representation of requirements from Design-Build Contract Section 10.8 – Cost Substantiation Certificate.

Jacobs will continue to seek opportunities to mitigate further impacts and provide updates.

Should you have any questions, please do not hesitate to contact me via phone at 480.909.7864 or email at Ted.Michaelidis@jacobs.com.

Regards,

Jacobs



Theodoros (Ted) Michaelidis, STSC, DBIA
Design-Build Manager

Copies to:

Lindsay Smith, P.E.- West Yost Associates

Jeff Inferrera- ICM

Joe Broughton- Jacobs

Kelly Vorenkamp- Jacobs

Project File- SRWA2019@Jacobs.com

**SRWA
Uncontrollable Circumstance
Written Report**

Topic	Written Report Information
Impact Item No.:	1
Brief Description:	Pre-Engineered Metal Buildings (PEMB)
Date Written Report Prepared or Updated:	10/27/22
Revision:	0
Change Type:	Change Due to Uncontrollable Circumstance
Contract References:	Definition of Uncontrollable Circumstance Article 6.2.C – Design-Build Price Adjustments Article 8.3 – Uncontrollable Circumstances – Entitlement to Relief Article 8.4 – Uncontrollable Circumstances – Claims Procedures Article 10.8 Cost Substantiation of Cost Already Performed
Applicable Uncontrollable Circumstance (UC) Definition:	Inclusion 1.d naturally occurring events (except weather conditions normal for the Sites) such as landslides, underground movement, earthquakes, fires, tornadoes, hurricanes, floods, lightning, epidemics (including, expressly, the COVID-19 pandemic), and other acts of God;
Event Which Constitutes UC:	COVID-19 shutdowns, work from home orders
Date Impact First Identified:	11/30/2021
Date Company has knowledge UC Metals Materials is likely to cause entitlement:	7/13/2022
Date UC Metals Materials letter provided to Agency:	7/19/2022
Version of Submittal of Specific Relief Request:	First Submittal of UC Written Report, not Final
Detailed UC Description:	<p>As the project advanced from 60% Design to 90% Design, the team was notified that QEC, the original PEMB subcontractor, will not honor their bid, due to impacts from COVID-19. They informed the team the price will be much more significant and were required to submit a much higher price due to limited workforce and material shortages.</p> <p>To mitigate project delay, the team elected to explore all mitigation strategies. First the Jacobs' design team re-evaluated PEMB layouts to consider all optimization. Additionally, Overaa</p>

Topic	Written Report Information
	notified the original PEMB subcontractor that the scope must be re-bid to other potential subcontractors and metal building materials suppliers.
Final Mitigation Strategy:	Overaa approached multiple other bidders to provide bids. These additional subcontractors have ability to purchase metal materials from different manufacturers. In the re-bid activities, QEC, original low responsive bidder, was significantly higher. Overaa contracted with Panelized, as an alternate PEMB subcontractor and alternate materials provider.
Applicable DB Contract Article 6.2.C – Base Design-Build Price Adjustments:	<ol style="list-style-type: none"> 1. Adjustment for Change Order: No 2. Adjustment for Uncontrollable Circumstance: Yes 3. Adjustment for Certain Raw Materials Cost Fluctuations: No
UC Costs (\$):	<p>\$488,084.83 (direct cost delta to Overaa)</p> <p>\$547,423.74 (total cost for Overaa)</p> <p>When evaluating recent historical data, Jacobs assessment of costs due to UC are \$713,275.32, excluding cost fluctuations. See attached Cost Fluctuation Analysis documentation. Therefore, the above UC costs of \$547,348.75 are deemed reasonable.</p>
UC Total Costs (\$), including bonds, insurances, and fees:	\$615,413.77
UC Time Extension to Schedule (days):	<p>76 days impact to critical path</p> <p>Note this impact delayed delivery of the PEMB materials and impacted the project critical path by 76 days.</p>
UC Change to Performance Obligations:	N/A

JACOBS

UC Cost Estimate

SRWA Project
Project No. SRWA2019

UC Impact No. 1
Pre-Engineered Metal Buildings

UC COST ESTIMATE SUMMARY PAGE				
Description	Qty	Unit	Unit Cost	Total Cost
Direct Costs				
Jacobs Self-Performance	-	ls	\$ -	\$0.00
Process Equipment	-	ls	\$ -	\$0.00
Subcontractors				
General Contractor	1.00	ls	\$ 547,423.74	\$547,423.74
Subtotal Direct Costs				\$547,423.74
Indirect Costs				
General Conditions	-	ls	\$ -	\$0.00
Other Costs	1.00	ls	\$ 5,474.24	\$5,474.24
Bonds & Insurances	1.00	ls	\$ 6,569.08	\$6,569.08
Subtotal Indirect Costs				\$12,043.32
Subtotal Direct & Indirect Costs				\$559,467.06
Fee (Overhead & Profit)	10.0%	%	\$ 559,467.06	\$55,946.71
Design-Builder Contingency	0%	%	\$ 559,467.06	\$0.00
Total Contract Adjustment				\$615,413.77

Item No. 1, Attachment 2
UC Cost Estimate

Project: SRWA
COR Number: UC Impact No. 1
COR Description: Pre-Engineered Metal Buildings

Item No.	Item Description	Assumption	Takeoff Quantity	Labor Productivity	Labor Cost/Unit	Labor Quantity	Labor Price	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Cost/Unit	Total Amount
01	Direct Costs																	\$ 547,423.74
01.01	Jacobs Self-Performance																	\$ -
	Testing & Special Inspection	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Confined Space Rescue Team	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr Professional, Lead	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 141.39 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.03	Process Equipment																	\$ -
01.03.01	Process Equipment																	\$ -
		None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.02	Subcontractors																	\$ 547,423.74
01.02.01	General Contractor - Overaa																	\$ 547,423.74
	Credit Original Bid Price		-1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 2,315,828.96 /ls	\$ (2,315,828.96)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ (2,315,828.96) /ls
	Credit Original Cost Fluctuation Inclusion	Assume materials are 70% of quote. Include 4% escalation on materials.	-1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 64,843.21 /ls	\$ (64,843.21)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ (64,843.21) /ls
	Final Bid Price		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 2,868,757.00 /ls	\$ 2,868,757.00	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ 2,868,757.00 /ls
	Overaa Bonds & Ins		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 7,321.27 /ls	\$ 7,321.27	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ 7,321.27 /ls
	Overaa Fee		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 52,017.64 /ls	\$ 52,017.64	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ 52,017.64 /ls
02	Indirect Costs																	\$ 12,043.32
02.01	General Conditions																	\$ -
	Project Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Commercial Manager / Procurement	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Project Engineer	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Scheduler	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Accountant	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Superintendent	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Quality Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 100.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Safety Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 95.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	General Conditions Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.02	Other Costs																	\$ 5,474.24
	Building Permits and Expenses		0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Subcontractor Bonds and Insurances	1.0% of Subcontractor Costs	1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 5,474.24 /ls	\$ 5,474.24	\$ 5,474.24 /ls	\$ 5,474.24 /ls
	Other Costs		0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.03	Bonds & Insurances																	\$ 6,569.08
	Bonds & Insurances	1.2% of Direct Costs	1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 6,569.08 /ls	\$ 6,569.08	\$ 6,569.08 /ls	\$ 6,569.08 /ls

**SRWA
 Cost Fluctuation Analysis**

Scope	Pre-Engineered Metal Building	
PPI Code	WPU1074	
Description	Date	Data
Historical over Past 10 Years		
First Data Point	May-12	213.000
Pre-COVID-19 Data Point	Mar-20	231.300
Percentage Increase		8.59%
Number of Months in Analysis		95
Monthly Increase (Historical Cost Fluctuation)		0.09%
Cost Fluctuation Duration (months)		18
Total Anticipated Cost Fluctuation		1.63%
Assumed Cost Fluctuation used in SRWA Pricing (Forward Looking)		
		4.00%
SRWA Post Analysis (Rear Looking)		
Quote Time	May-20	229.000
Buyout Time	Oct-21	338.779
Percentage Increase Due to Uncontrollable Circumstance		48.00%
Additional PPI Analysis		
PPI long term analysis (annual average from 1961 to 2000)		9.00%
PPI Hurricane Katrina, Building Boom (9/2005 to 2/2007)		3.50%
PPI Summary		
Using past 10-years suggested this increase		1.63%
Team utilized this increase within SRWA pricing		4.00%
Increase after UC event for Hurricane Katrina and building boom		3.50%
Increase due to COVID-19 UC		48.00%
Original Bid Amount		\$ 2,315,828.96
Furnish Only %		70.00%
Original Bid Material Amount		\$ 1,621,080.27
Bid Time Assumed Cost Fluctuation	4.00%	\$ 64,843.21
Actual Cost Fluctuation - Calculated	48.00%	\$ 778,118.53
Impact due to Uncontrollable Circumstance - Reasonable Assessment	44.00%	\$ 713,275.32

Item No. 1, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Commodity Based > Metals and Metal Products

☆ Producer Price Index by Commodity: Metals and Metal Products: Structural, Architectural, and Pre-Engineered Metal Products (WPU1074)

DOWNLOAD

Observation:

May 2022: **386.193** (+ more)

Updated: Jun 14, 2022

Units:

Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Commodity: Metals and Metal Products: Structural, Architectural, and Pre-Engineered Metal Products



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org



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Item No. 1, Attachment 3
Cost Fluctuation Analysis

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Item No. 1, Attachment 3
Cost Fluctuation Analysis

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☆ Producer Price Index by Commodity: Metals and Metal Products: Structural, Architectural, and Pre-Engineered Metal Products (WPU1074)

DOWNLOAD

Observation:

May 2022: **386.193** (+ more)

Updated: Jun 14, 2022

Units:

Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Commodity: Metals and Metal Products: Structural, Architectural, and Pre-Engineered Metal Products



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

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Item No. 1, Attachment 4
Quotes

SRWA
Quote History - Pre-Engineered Metal Buildings

2020 Proposal						2021 Proposal					
Description	Qty	Unit	Unit Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Total Value	Notes
QEC						Panelized					
10 - Administration Building	1.00	ls	\$ 320,000.00	\$ 320,000.00	Based on ls email quote	10 - Administration Building	1.00	ls	\$ 543,212.00	\$ 543,212.00	
15 - Maintenance & Repair Building	3,648.00	sf	\$ 90.72	\$ 330,946.56	Based on \$/sf email quote	15 - Maintenance & Repair Building	1.00	ls	\$ 506,392.00	\$ 506,392.00	
20 - Raw Water Pump Station	4,087.00	sf	\$ 90.72	\$ 370,772.64	Based on \$/sf email quote	20 - Raw Water Pump Station	1.00	ls	\$ 499,389.00	\$ 499,389.00	
40 - Ozone Building	2,241.00	sf	\$ 90.72	\$ 203,303.52	Based on \$/sf email quote	40 - Ozone Building	1.00	ls	\$ 229,770.00	\$ 229,770.00	
45 - Ozone Contactors & Filters	4,310.00	sf	\$ 60.72	\$ 261,703.20	Based on \$/sf email quote	45 - Ozone Contactors & Filters	1.00	ls	\$ 229,946.00	\$ 229,946.00	
55 - Chemical Storage & Feed Building	5,860.00	sf	\$ 90.72	\$ 531,619.20	Based on \$/sf email quote	55 - Chemical Storage & Feed Building	1.00	ls	\$ 511,051.00	\$ 511,051.00	
55a - Chemical Tank Farm	2,700.00	sf	\$ 60.72	\$ 163,944.00	Based on \$/sf email quote	55a - Chemical Tank Farm	-	ls	\$ -	\$ -	Included with item #55
75 - Finished Water Pump Station	1,472.00	sf	\$ 90.72	\$ 133,539.84	Based on \$/sf email quote	75 - Finished Water Pump Station	1.00	ls	\$ 160,964.00	\$ 160,964.00	
Tax				Included		Tax				Included	
Freight				Included		Freight				Included	
Install				Included		Install				Included	
Total QEC Quote				\$ 2,315,828.96		Total Panelized Quote				\$ 2,680,724.00	In 2021 QEC increased pricing to \$4,404,661. Use Panelized.
Updated Pricing & Other Scope						Updated Pricing & Other Scope					
						6/28/2022 - Galvanizing				\$ 83,044.00	
						6/28/2022 - Nucor				\$ 48,521.00	
						6/28/2022 - Jacobs				\$ -	Remove \$18,205. Assume design/scope evolution.
						6/28/2022 - McElroy				\$ 23,716.00	
						6/28/2022 - AWIP				\$ 32,752.00	
Total Updated Pricing & Other Scope				\$ -		Total Updated Pricing & Other Scope				\$ 188,033.00	
2020 Total				\$ 2,315,828.96		2021 Total				\$ 2,868,757.00	

Ryan James

From: Ethan Law <EthanLaw@qec-inc.com>
Sent: Thursday, May 14, 2020 3:12 PM
To: Danny Holdren
Subject: RE: Budget Request for Design-Build SRWA - Stanislaus Regional Water Treatment Plant

Use \$91/sf

Use \$61/sf

Danny,

From a budget standpoint, with the square footages below being so much smaller this is actually going to run the price up a bit. Figure \$88/Bldg and \$58/Canopy. Now we also need to include a design build cost if this is going to involve a lot of back and forth which it sounds like it is, this is going to run \$120,000 inclusive of all buildings.

For the ops building wall panels we are looking at closer to \$320,000 with the way the panel suppliers are right now and the delay for the install on this one.

If you want the Ops Building done with a PEMB with IMP's provided and the bldg. steel and cladding envelope by QEC figure we are looking at \$1.25MM for a budget. Thank you!

Ethan Law
Chief Executive Officer
Quality Erectors & Construction Co., Inc.
3130 Bayshore Road
Benicia, CA 94510
☎: (707) 746-1233 Ext. 103 📠: (707) 751-3962



From: Danny Holdren <dannyh@overaa.com>
Sent: Thursday, May 14, 2020 2:42 PM
To: Ethan Law <EthanLaw@qec-inc.com>
Subject: RE: Budget Request for Design-Build SRWA - Stanislaus Regional Water Treatment Plant
Importance: High

Hey Ethan,

Can you please verify the pricing on this job below today like we talked about? Per this email below you were originally quoted at \$70/sf for the buildings and \$50/sf for the canopies. Need confirmation ASAP so we can finalize our price with the owner. Per the new drawings we sent you I'm seeing sf around this, not much really change from the original design we quoted.

Facility	Type	X	Y	SF
Maint. Building	Building	64	57	3648
RWPS	Building	67	61	4087



DIR# 1000000408 - CA Lic# 652369 - Type B

Price is valid for 15 days from the date listed on this quote

August 11, 2021

To: Mr. Ryan James

Project: SRWA

Location: Hughson, CA

PEMB SYSTEMS SUPPLIERS HAVE INCREASED THEIR PRICES EVERY MONTH SINCE DECEMBER 2020 AND THESE INCREASES HAVE BEEN ANYWHERE BETWEEN 4% AND 12%, AND THEY HAVE ANTICIPATED THESE INCREASES WILL CONTINUE THROUGH THE END OF THE YEAR.

DUE TO THE CURRENT VOLATILITY OF MATERIAL PRICES THESE PRICES CAN ONLY BE HELD FOR 15 DAYS FROM THE DATE ON THIS QUOTE. AFTER 15 DAYS WE RESERVE THE RIGHT TO REVIEW ALL PRICING AND UPDATE AS NECESSARY

The only way the PEMB prices can be price protected is if the following is adhered to:

If the PEMB Structures are ordered as fabrication projects it will be price protected throughout the process, including shipment. But if any changes are made that require a redesign at any time during the process the pricing will be adjusted to current price model at the time of the change. Current deliveries for fabricated buildings ranges from March to April and this is subject to change at any time.

There are no price protections on buildings if the buildings are ordered as a Permit or Approval hold, which means once the permit or approvals are produced the building supplier will wait for a release to proceed is requested and then shipment will be scheduled, and pricing will be adjusted to the current model when released.

IP Panel Suppliers

IP supplier's written standard terms is that pricing is good for 30 days and shipment within 90 days, but they are 16 weeks from shipment and they will not hold any pricing past 120 days in total. Unpredictability of raw materials have been their issue.

Since January 2021 they have increased pricing at a higher rate than PEMB suppliers. Most of theirs have been double digits with the latest one being 14% on July 19, 2021 which has been incorporated into this quote. According to AWIP they do expect and anticipate increases at least through end of 2021. This pricing is for the IP is current.

AEP Span (Administration Materials quoted)

Over the past 7 months AEP has increased prices monthly and continue to do so and expect a September increase and the fall/winter months expect even more monthly increases. These increases range in size from 5% to 15%. Expired quotes will be reviewed for price adjustments as these dynamic market conditions evolve

The documents used for pricing are 90% drawings, dated June 2021

Site Work & Concrete Foundation: None

Design Criteria:

- 2019 CBC (California Building Code)
- 20 PSF Live Load, reducible per code
- Wind speed: 115 MPH, Exp. C
- 6 PSF Collateral Load and 4 PSF load for future solar load
- Occupancy Classification: III, Seismic Importance factor ($I_e = 1.5$)
- Standard PEMB Deflections for Ozone Building, Ozone Contactors & Fillers, Chemical Storage & Feed and Finished Water Pump Station Building
- L/360 held for roof framing members for the Maintenance & Repair and the Raw Water Pump Station Buildings

10 – Administration Building ----- \$543,212

Roof, Wall & Soffit panels and trims per the drawings

- Engineering for panel attachment to sub-framing
- Pricing is protected to 9/1/21
- Exclusions:
 - Framing and underlayment
 - Steel erection
 - Misc. Steel
 - Fire caulking, insulation, bent plates, barriers, Spray foams, underlayment flashings

All PEMB buildings below have the same roof and walls panel systems, and trims

Roof Sheeting: 5" SR2 IP by AWIP, 24ga exterior, 26ga interior, NATURAL GREEN

Upper Wall Sheeting: 2.5" ST40 IP by AWIP, 24ga exterior, 26ga. interior, WEATHERED COPPER

Lower Wall Sheeting: 2.5" ST40 IP by AWIP, 24ga exterior, 26ga interior, SANDSTONE

Trims: NATURAL GREEN and the profiles will not match that of the 3-D drawings. The trim profiles will be the standard product offering from the manufacturer

Warranty: 20 YEAR Roof and Wall Weathertightness

- ❖ All Structural Framing is primed gray and primer cannot be considered a finish paint
- ❖ All Secondary Framing is G90 galvanized
- ❖ All Design and Fabrication is standard industry practices
- ❖ All columns set on 1.5" of non-shrink grout
- ❖ Buildings were priced around the clear heights listed in the drawings
- ❖ Except for the Maintenance & Repair Building, Raw Water Pump Station Buildings all deflections were held to standard PEMB criteria

15 – Maintenance & Repair Building ----- \$506,392

- Monorail Crane full length
 - 2 ton, Qty. 1
 - Standard Connection, designed for crane loads only (no runway beam)
 - CMAA Service Duty Class C
 - Pendant Operation
 - 63'-0" long
 - Crane End Stop Force: TBD
 - Max Point load applied to frame: TBD
 - Wheel Spacing: TBD
 - 14'-10" clear from bottom of beam
 - 10'-8" center of beam to steel line
- Canopy over door at South elevation
- Trimmed Framed openings for all wall openings

20 – Raw Water Pump Station -----	\$499,389
<ul style="list-style-type: none">• Top Running Bridge Crane<ul style="list-style-type: none">○ 2 ton, Top Running Single Girder, Qty. 1○ Provided: Brackets, Crane Runway Beam & Crane Stops○ CMAA Service Duty Class A○ Pendant Operation○ Hoist & Trolley weight: 1350 LBS○ Bridge Weight: 2750 LBS○ (P) Maximum Wheel Load w/o Impact: 3100 LBS○ Crane End Stop Force: 2500 LBS○ Length: 69'-0"○ 2 Wheels per end truck○ Crane Rail Size: 30 (per ASCE)○ Wheel Spacing: 6'-6"○ Min. clear distance from top of rail: 1'-9"○ Minimum Side Clear Distance: 0'-9 ¼"○ Top of Rail to finished floor: 15'-0"○ Top of Bracket to Finished floor: 13'-8 ½"○ Center to center of rail: 34'-10"• (6) 4'x6' insulated roof curbs, panel skylights not by PSI• (1) 3'x6' insulated roof curb, vent not by PSI	
40 – Ozone Building -----	\$229,770
<ul style="list-style-type: none">• (1) Roof curb, Vent not by PSI	
45 – Ozone Contactors & Filters -----	\$229,946
<ul style="list-style-type: none">• Accessories: (1) 5x5 roof curb only as shown on 45-S-1021• Columns for the longer building are stair-stepped• Connection to masonry will be by PEMB supplier	
55 – Chemical Storage & Feed Building -----	\$511,051
75 – Finished Water Pump Station -----	\$160,964
<ul style="list-style-type: none">• (3) roof curbs, vents not by PSI	

Option 1: Deduct \$18,122 to use a 4" roof panel (R32)

Fiberglass Insulation: None

Engineering:

- ❖ (3) sets of engineered and stamped building design drawings and calculations for permit submittal

Includes all freight and sales tax on material

Currently Estimated Project document and Material deliveries are as follows:

- ❖ Anchor Rod/Bolt drawings – 10 weeks
- ❖ Permit Drawings and Calculation – 2 weeks after anchor bolt
- ❖ Deliveries – 20 weeks after release from hold

Project Notes:

- A. The quote is based on compliance with FED/State OSHA regulations. Additional safety requirements beyond these standards, not specifically noted in the bid documents, may cause a price or scope of work revision.
- B. Contractor to provide access to complete slab and to building perimeter so standard erection equipment can access foundation/slab

Exclusions:

- 1) Testing and inspections
- 2) Finish paint of steel, equipment screens, galvanized primary framing
- 3) All permit fees
- 4) Interior TI
- 5) Misc. steel, louvers, mezzanines, exhaust fans, door, windows, translucent panel, transoms, Splash blocks, future loading for any roof mounted or interior mounted units not listed in this quote
- 6) Disconnecting, de-energizing and/or removing any work done by other trades
- 7) Bonds, PLA Agreements
- 8) Erecting by Crane
- 9) Grouting of columns, leveling nuts, setting leveling nuts to proper elevation

Qualifications:

- a) Panelized will be responsible to keep site clean and pick-up all debris and waste generated from our work.

Ryan James

From: Ed Hass <EHass@panelized.com>
Sent: Tuesday, June 28, 2022 3:34 PM
To: Ryan James
Cc: Isaias Valdez; Bright Ezeoma; Dundee Yasana
Subject: Galvanizing, Price Escalations and Owner Changes

Below are price increases that Panelized will be billed related to galvanizing, price increase and owner changes. There were also price increases on the cladding for building 10 and an increase for all the IP.

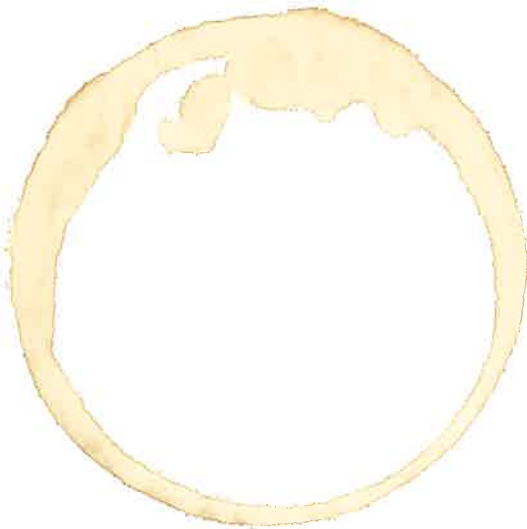
The Jacobs portion include the following:

Building 15 – Deleted the CFR roof paneling and trims that the drawings called for. This change required an engineer to review design

Building 20 – Skylight dimension changes, adjusted purlins and bracing to avoid skylight. Design review, detailing and drawing time

Building 40, 45A & 75 – Change anchor rod pattern from 6x9 to 4x4

Building 45B – Adjust purlins, move bracing to clear roof opening, change roof opening location a second time



Bldg.	Galvanizing	Nucor Material Increase	Jacob's Changes	
15	15,313	12,698	1,294	
20	14,521	9,496	5,623	
40	5,785	3,450	1,557	
45A	2,926	1,641	1,557	
45B	7,155	2,789	4,887	
55A	17,563	7,875	0	
55B	7,767	3,192	0	
75	4,123	2,769	1,557	
	75,153	43,910	16,475	135,538
10.5% OH&P	7,891	4,611	1,730	14,232
			Change Order Total	149,770

Bldg.	McElroy Material Increase	
10	21,191	
10.5% OH&P	2,525	
	Total	23,716
	AWIP (IP) Material Increase	

149,770
23,716

Please contact me with any questions regarding this information.

Thanks,

Ed Hass

Metal Building Manager



5731 Stoddard Road | Modesto, CA 95356

Direct Line: (209) 343-8651 | Cell: (916) 870-2325

Visit our **NEW** website at www.panelized.com

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.

Item No. 1, Attachment 4
Quotes

Bldg.	Galvanizing	Nucor Material Increase	Jacob's Changes	
15	15,313	12,698	1,294	
20	14,521	9,496	5,623	
40	5,785	3,450	1,557	
45A	2,926	1,641	1,557	
45B	7,155	2,789	4,887	
55A	17,563	7,875	0	
55B	7,767	3,192	0	
75	4,123	2,769	1,557	
	75,153	43,910	16,475	135,538
10.5% OH&P	7,891	4,611	1,730	14,232
			Change Order Total	149,770
Bldg.		McElroy Material Increase		
10		21,191		
10.5% OH&P		2,525		
	Total	23,716		
		AWIP (IP) Material Increase		
All Buildings		29,640		
10.5% OH&P		3,112		
		32,752		

149,770
 23,716
 32,752

 total 206,238

Ed Hass

From: Nucor Building Systems <nbsmarketing@nucorbuildingsystems.com>
Sent: Friday, August 27, 2021 11:59 AM
To: Ed Hass
Subject: NBSUT Steel Pricing Update

[View this email in your browser](#)



PRICING UPDATE

August 27, 2021

Dear Nucor Building Systems – Utah Builder

Demand remains exceptionally strong, while supply remains tight, for most steel and steel products – particularly those related to construction. As a result, input costs continue to increase and lead times remain extended. In an attempt to stay current with these upward trends, Nucor Buildings Group will be implementing a **5.0% price increase** (+/-), across all of our brands, effective on all building orders **quoted on or after September 9, 2021**.

We understand that you need a predictable supplier in these markets and that is why we will continue our commitment of honoring ***all quotes for a period of 30 days*** provided there are no changes to scope or schedule. Additionally, ***we honor all prices on building orders that ship within 20 weeks*** from the initial date of quotation

and fall within our “must ship by date” parameters.

We will continue to closely monitor the market and will make every attempt to keep you informed as things progress.

We appreciate your continued business and your partnership in these unprecedented times. Our commitment at Nucor Buildings Systems is to work relentlessly to earn your business by executing on what’s most important to you on each and every job we do.

Fit, On time delivery, Competitive pricing, Unbeatable service, Solutions that work...FOCUS.

Respectfully,



Alan Johnson
General Manager
Nucor Building Systems - Utah

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Nucor Building Systems

<https://www.nucorbuildingsystems.com/>

Our mailing address for marketing communications is: 305 Industrial Parkway, Waterloo, IN 46793
You are receiving this email because you are an Authorized NBS Builder. If you no longer wish to receive these emails, you can [**unsubscribe from this list**](#).

NUCOR[®]

BUILDINGS GROUP

October 28, 2021

Re: *Steel Costs*

To our Valued Nucor Buildings Group Builders,

Nucor Buildings Group will increase pricing, **effective November 9th**, by approximately **7% +/-**. Projects with buyout items such as IMP, joists, etc., will likely increase by more.

This price increase reflects strong market dynamics and increased costs. From Nucor's perspective, non-residential construction demand remains strong, supported by record level backlogs, solid order entry rates, and extended industry lead times in the metal building business as well as in most of our downstream construction product businesses. As noted in Nucor's recent earnings press release, demand remains robust across most of Nucor's end-use markets, a trend we expect will continue well into 2022.

To be timelier and more transparent in our metal building pricing, **future pricing adjustments will go into effect the next business day after the announcement**. As always, **any quotes which are changed or updated after the effective date of increase will be priced at the new level**. We will continue to abide by our long-standing practice of honoring quotes for 30 days, and we will continue to honor our pricing through shipment provided the scope and schedule do not change and the project ships before our pre-determined Must Ship By date.

I thank you for your business and our ongoing partnership. Our commitment remains to work relentlessly to earn your business by executing on what's most important to you on each and every project we do.

Fit, On time delivery, Competitive pricing, Unbeatable service, Solutions that work...
FOCUS.

Sincerely,



Ed Aller
President, Nucor Buildings Group

December 8, 2021

To our Valued Nucor Buildings Group (Division) Builders,

Effective Thursday December 9th, Nucor Buildings Group will increase our pricing by approximately 11 (or 10) % +/-.

This price increase reflects the continuation of a strong demand across most markets in North America. We continue to see record level backlogs, extended lead times, solid order entry rates, and inflationary aspects influencing some non-material input cost. As we mentioned in our previous announcements, Nucor expects this trend to continue well into 2022.

We will continue to honor our long-standing practice of quotes being valid for 30 days, and honor our pricing through shipment provided the scope and schedule do not change and the project ships before our pre-determined Must Ship by date.

Now more than ever our team's commitment is to work relentlessly to earn your business by executing on what's most important to you on each and every project we do.

We are grateful for your business and our ongoing partnership, thank you.

Fit, On time delivery, Competitive pricing, Unbeatable service, Solutions that work...FOCUS.

Sincerely,

GM Name

General Manager, Nucor Buildings Group Division



NUCOR BUILDING SYSTEMS
1050 N. Watery Lane
Brigham City, UT 84302
435.919.3100

April 4, 2022

To Our Valued Nucor Builder,

Our industry continues to see strong demand across most of our markets in the US and Canada. Demand coupled with rising input cost for raw materials, steel, and consumables due to several external factors are impacting all of us. To account for these factors, Nucor Buildings Group will be implementing a **4.0% price increase (+/-)**, across all our brands, effective on building orders **quoted on or after April 5th, 2022.**

Our continued covenant to you:

- ***We will honor all quotes for a period of 30 days***
- ***We honor all prices on building orders that ship within 20 weeks***

We have all navigated through the challenges over the last couple of years by working together and I am confident we will continue to build on that as we move further into 2022.

At Nucor Building Systems we want to be your supplier and partner of choice by working relentlessly to earn your business through executing on what's most important to you on each and every job we do.

Fit, On time delivery, Competitive pricing, Unbeatable service, Solutions that work... FOCUS.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan Johnson".

Alan Johnson
General Manager
Nucor Buildings Group – Utah



MCELROY METAL
1500 HAMILTON RD. • BOSSIER CITY, LA 71111
Ph: (800) 562-3576 • Fax: (318) 747-8029

TO: All Valued McElroy Metal Customers
FROM: Mark Lawson
Vice President – Sales
DATE: April 5, 2022
RE: McElroy Metal Pricing

World-wide events are causing disruptions in the domestic steel market. Ukraine is the largest supplier of iron ore to European steel producers and Russia is the world's 5th largest producer of steel. The war, and subsequent sanctions against Russia are causing raw materials for steel production to have disruptions and cost increases. As a result, Steel Mills have announced price increases. We have also received increases from our paint and accessory suppliers.

McElroy Metal will be implementing a price increase that will take effect for all orders placed after 5:00 p.m. on May 3, 2022 and any orders shipped after May 20, 2022.

Your McElroy Metal pricing will increase as follows:

Painted Panels, Slit Coil and Flat Sheets: 8%
Bare Panels, Slit Coil and Flat Sheets: 9%
All Trim: 4%
All Substructural Products: 10%
All Metal Accessories and Clips: 5%
All other Accessories: 6%

Please note: To receive current pricing, orders must be entered by 5:00 p.m. on May 3rd and shipped on or before May 20th. To ensure service to all customers, McElroy Metal reserves the right to limit order quantities to match historical usage.

We do anticipate additional increases. We will keep you apprised as information becomes available.

We very much appreciate your support and business.

MANUFACTURING LOCATIONS

ADELANTO, CA	ASHBURN, GA	BOSSIER CITY, LA	CLINTON, IL	DIAMOND, MO	HOUSTON, TX	LEWISPORT, KY
MARSHALL, MI	MAUSTON, WI	MERKEL, TX	PEACHTREE CITY, GA	SUNNYVALE, TX	WINCHESTER, VA	



MCELROY METAL
1500 HAMILTON RD. • BOSSIER CITY, LA 71111
Ph: (800) 562-3576 • Fax: (318) 747-8029

TO: All Valued McElroy Metal Customers
FROM: Mark Lawson
Vice President – Sales
DATE: May 6, 2022
RE: McElroy Metal Pricing

World-wide events continue to cause disruptions in the domestic commodities and steel markets. As a result, Steel Mills and other suppliers have announced price increases.

McElroy Metal will be implementing a price increase that will take effect for all orders placed after Noon on June 2, 2022 and any orders shipped after June 17, 2022.

Your McElroy Metal pricing will increase as follows:

Painted Panels, Slit Coil and Flat Sheets: 6%
Bare Panels, Slit Coil and Flat Sheets: 7%
All Trim: 3%
All Substructural Products: 7%
All Accessories and Clips: 3.5%

Please note: To receive current pricing, orders must be entered by Noon on June 2 and shipped on or before June 17. To ensure service to all customers, McElroy Metal reserves the right to limit order quantities to match historical usage.

We will keep you apprised as information becomes available regarding future pricing.

We appreciate your support and business.

MANUFACTURING LOCATIONS

ADELANTO, CA	ASHBURN, GA	BOSSIER CITY, LA	CLINTON, IL	DIAMOND, MO	HOUSTON, TX	LEWISPORT, KY
MARSHALL, MI	MAUSTON, WI	MERKEL, TX	PEACHTREE CITY, GA	SUNNYVALE, TX	WINCHESTER, VA	



929 Aldridge Road
Vacaville, CA 95688
Phone 707-359-2280
www.awipanel.com

3/23/2022

To our valued customers,

Global demand, supply chain shortages and the war in the Ukraine have resulted in rising costs for raw materials that makeup our products including steel, chemical components, accessories, and freight. Due to these circumstances, we must pass a portion of these rising costs to the market. Effective 4/6/2022, AWIP will be implementing a price increase of approximately 8% on panels and accessories.

Projects quoted within 30 days and ordered prior to April 6, 2022 will be honored at the quoted price and terms. All orders placed on or after April 6, 2022 will be subject to the price increase. Orders currently in house will be honored per the terms and conditions included on the order acknowledgement.

AWIP remains committed to providing quality products at market competitive pricing and reserves the ability to review project pricing based on specific product and volume requirements. Please continue to work closely with your AWIP Territory Manager and / or Customer Service Team if you have any specific concerns regarding pricing or lead time for your projects.

Thank you for providing us the opportunity to service your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Lusty". The signature is stylized with a long horizontal stroke at the end.

Greg Lusty
Vice President, Sales
724.601.3923
glusty@awipanel.com



**ALL WEATHER
INSULATED PANELS**

929 Aldridge Road
Vacaville, CA 95688
Phone 707-359-2280
www.awipanel.com

7/9/2021

To our valued customers,

Steel, chemicals, packaging, freight and accessories costs have continued to increase at unprecedented rates. All Weather Insulated Panels is working closely with our supply chain to minimize price impacts to the market, but due to the significance of these cost increases we are forced to extend an increase to the market. Effective 7/19/2021 AWIP will be implementing a price increase of approximately 14%.

Projects quoted within 30 days and ordered prior to July 19, 2021 will be honored at the quoted price and terms. All orders placed on or after 7/19/2021 will be subject to the price increase. Orders currently in house will be honored per the terms and conditions included on the order acknowledgement.

AWIP remains committed to providing quality products at market competitive pricing and reserves the ability to review project pricing based on specific product and volume requirements. Please continue to work closely with your AWIP Territory Manager and / or Customer Service Team if you have any specific concerns regarding pricing or lead time for your projects.

Thank you for providing us the opportunity to service your business.

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Lusty', with a stylized flourish at the end.

Greg Lusty
Vice President, Sales
724.601.3923
glusty@awipanel.com



**ALL WEATHER
INSULATED PANELS**

929 Aldridge Road
Vacaville, CA 95688
Phone 707-359-2280
www.awipanel.com

November 11, 2020

To our valued customers,

Over the past few months, costs for the raw materials used to manufacture our products have sharply increased. These increases have been reflected in the various indices reported in the steel and chemical marketplace. Unfortunately, we are now in a position where we need to pass these increases along to the market.

As a result, effective Monday November 30 we will be implementing a price increase on quotations of approximately 6%.

- Any order in our current backlog will be honored at the pricing and terms within the acknowledgement.
- Any order booked before December 15th will be honored at pre-increase quoted pricing.
- Any change order placed after December 15th will be subject to increases.

We expect there may be additional raw material cost increases over the next several months and will continue to work to minimize any impact to the market. However, additional price increases may become necessary. We will communicate any future changes in pricing to our customer base.

AWIP is committed to keeping our customers competitive in the marketplace and reserves the ability to review project pricing based on product and volume requirements.

If you have any additional questions, please contact your All Weather Insulated Panels Territory Manager or me directly.

Thank you for your continued partnership.

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Lusty', with a stylized flourish at the end.

Greg Lusty
Vice President, Sales
724.601.3923
glusty@awipanel.com



SUBCONTRACT AGREEMENT

Subcontractor **Panelized Structures, Inc.**

Contact Person **Ed Hass**

Address **5731 Stoddard Road, Modesto, CA 95356**

Project **3474- SRWA Water Treatment Plant**

Project Location **1235 Aldrich Rd., Hughson, CA 95326**

Owner **Stanislaus Regional Water Authority, 156 South Broadway ,Turlock, CA 95380**



Phone No. **209-343-8600**

Fax No. **209-343-8650**

Subcontract No. **3474-016**

(Phase Code: 051200-000-000)

Date of this Agreement: **08/26/2021**

Subcontractor and Contractor, for the consideration hereinafter named, agree that this Subcontract Agreement ("Agreement") shall be effective on the date specified above, or the date the Prime Contract between Overaa and Owner is executed, whichever occurs first; except, however, if this Agreement is executed before Contractor and Owner enter into the Prime Contract, and Contractor and Owner fail to enter into the Prime Contract, Subcontractor shall perform no work in connection with the Project and this Agreement shall have no force or effect. Subcontractor assumes all obligations set forth herein on behalf of itself, its heirs, successors, assigns, and any of its agents and independent contractors.

Section 1 - Entire Contract. Subcontractor represents and certifies that it has had an adequate opportunity to inspect the Project site, that it assumes the risk of everything that a diligent inspection would disclose, and that it enters into this Agreement based upon its own investigation and evaluation and is in no way relying upon any investigation, statement or representation by Contractor or any of Contractor's officers, agents, employees or representatives. Subcontractor represents and certifies that it has carefully and thoroughly reviewed all of the Contract Documents and that it is fully familiar with and understands the Contract Documents. This Agreement includes the Subcontract General Conditions, and all of the other Contract Documents. This Agreement represents the entire and only agreement between Contractor and Subcontractor in connection with the Project, and supersedes any earlier oral or written agreements.

Section 2 - Scope of the Work and Description. Subcontractor shall well and sufficiently perform and furnish, in accordance with the highest standards, all work necessary to complete the following part or parts of the work of the Prime Contract in all respects as therein required of Contractor, and all work incidental thereto, all in accordance with the terms and conditions of the Contract Documents: Pre-Engineered Metal Buildings including all labor, services, materials, submittals, supervision, coordination, administration, fees, taxes, design, layout, cleanup, installation, cartage, hoisting, supplies, insurance, equipment, scaffolding, utilities, tools, facilities and things of every kind and description required for or in connection with the work. Subcontractor's work is generally, though not exclusively, further described and/or specified as follows:

Design Criteria:

2019 CBC (California Building Code)

20 PSF Live Load, reducible per code

Wind speed: 115 MPH, Exp. C

6 PSF Collateral Load and 4 PSF load for future solar load

Occupancy Classification: Ill, Seismic Importance factor (Ie = 1.5)

Standard PEMB Deflections for Ozone Building, Ozone Contactors & Fillers, Chemical Storage & Feed and Finished Water Pump Station Building

L/360 held for roof framing members for the Maintenance & Repair and the Raw Water Pump Station Buildings

10 - Administration Building ----- \$543,212

Roof, Wall & Soffit panels and trims per the drawings

Engineering for panel attachment to sub-framing

Exclusions:

o Framing and underlayment

o Steel erection

o Misc. Steel

o Fire caulking, insulation, bent plates, barriers, Spray foams, underlayment flashings

All PEMB buildings below have the same roof and walls panel systems, and trims

Roof Sheeting: 5" SR2 IP by AWIP, 24ga exterior, 26ga interior, NATURAL GREEN

Upper Wall Sheeting: 2.5" ST40 IP by AWIP, 24ga exterior, 26ga. interior, WEATHERED COPPER

Lower Wall Sheeting: 2.5" ST40 IP by AWIP, 24ga exterior, 26ga interior, SANDSTONE

Trims: NATURAL GREEN and the profiles will not match that of the 3-D drawings. The trim profiles will be the standard product offering from the manufacturer

Warranty: 20 YEAR Roof and Wall Weathertightness

- ❖ **All Structural Framing is primed gray and primer cannot be considered a finish paint**
- ❖ **All Secondary Framing is G90 galvanized**
- ❖ **All Design and Fabrication is standard industry practices**
- ❖ **All columns set on 1.5" of non-shrink grout**
- ❖ **Buildings were priced around the clear heights listed in the drawings**
- ❖ **Except for the Maintenance & Repair Building, Raw Water Pump Station Buildings all deflections were held to standard PEMB criteria**

15 - Maintenance & Repair Building -----	\$506,392
Monorail Crane full length <ul style="list-style-type: none"> o 2 ton, Qty.1 o Standard Connection, designed for crane loads only (no runway beam) o CMAA Service Duty Class C o Pendant Operation o 63'-0" long o Crane End Stop Force: TBD o Max Point load applied to frame: TBD o Wheel Spacing: TBD o 14'-10" clear from bottom of beam o 10'-8" center of beam to steel line Canopy over door at South elevation Trimmed Framed openings for all wall openings	
20 - Raw Water Pump Station -----	\$499,389
Top Running Bridge Crane <ul style="list-style-type: none"> o 2 ton, Top Running Single Girder, Qty.1 o Provided: Brackets, Crane Runway Beam & Crane Stops o CMAA Service Duty Class A o Pendant Operation o Hoist & Trolley weight: 1350 LBS o Bridge Weight: 2750 LBS o (P) Maximum Wheel Load w/o Impact: 3100 LBS o Crane End Stop Force: 2500 LBS o Length: 69'-0" o 2 Wheels per end truck o Crane Rail Size: 30 (per ASCE) o Wheel Spacing: 6'-6" o Min. clear distance from top of rail: 1'-9" o Minimum Side Clear Distance: 0'-9 1/4" o Top of Rail to finished floor: 15'-0" o Top of Bracket to Finished floor: 13'-8 1/2" o Center to center of rail: 34'-10" (6) 4'x6' insulated roof curbs, panel skylights not by PSI (1) 3'x6' insulated roof curb, vent not by PSI	
40 - Ozone Building -----	\$229,770
(1) Roof curb, Vent not by PSI	
45 - Ozone Contactors & Filters -----	\$229,946
Accessories: (1) 5x5 roof curb only as shown on 45-S-1021 Columns for the longer building are stair-stepped Connection to masonry will be by PEMB supplier	
55 - Chemical Storage & Feed Building -----	\$511,051
75 - Finished Water Pump Station -----	\$160,964
(3) roof curbs, vents not by PSI	

Option 1: Deduct \$18,122 to use a 4" roof panel (R32)

Fiberglass Insulation: None

Engineering:

- ❖ (3) sets of engineered and stamped building design drawings and calculations for permit submittal

Includes all freight and sales tax on material

Project document and Material deliveries are as follows:

- ❖ Anchor Rod/Bolt drawings - 10 weeks
- ❖ Permit Drawings and Calculation - 2 weeks after anchor bolt
- ❖ Deliveries - 20 weeks after release from hold

Exclusions:

- 1) Testing and inspections
- 2) Finish paint of steel, equipment screens, galvanized primary framing
- 3) All permit fees
- 4) Interior TI
- 5) Misc. steel, louvers, mezzanines, exhaust fans, door, windows, translucent panel, transoms, Splash blocks, future loading for any roof mounted or interior mounted units not listed in this quote
- 6) Disconnecting, de-energizing and/or removing any work done by other trades
- 7) Bonds, PLA Agreements
- 8) Erecting by Crane
- 9) Grouting of columns, leveling nuts, setting leveling nuts to proper elevation

Qualifications:

- a) Panelized will be responsible to keep site clean and pick-up all debris and waste generated from the work.
- b) Contractor to provide access to complete slab and to building perimeter so standard erection equipment can access foundation/slab

Except as explicitly excluded in this Agreement, Subcontractor shall perform all work coming within the general description of the designated sections, divisions, parts and portions of the Contract Documents, and Subcontractor's scope of work shall also include all work normally performed by Subcontractor's trade that is called for in the Contract Documents and all work that is incidental to complete the work of this Agreement.

Section 3 - Contract Documents. The "Contract Documents" include this Subcontract Agreement, the Subcontract General Conditions, the exhibits and addenda hereto, the Prime Contract and the following:

Whenever reference is made in this Agreement to the "Prime Contract," that reference shall be construed to include the prime contract between Contractor and Owner, its special, general, supplementary and other conditions and provisions, plans, specifications, addenda and modifications, the documents which are included or incorporated into the Prime Contract, and all other documents forming a part of the Prime Contract. All of the Contract Documents, including the Prime Contract, are fully incorporated into this Agreement with the same force and effect as though fully set forth. To the extent that the Prime Contract applies either directly or indirectly to the work to be performed by Subcontractor under this Agreement, Subcontractor agrees to be bound to Contractor in the same manner and to the same extent as Contractor is bound to Owner under the Prime Contract and, in that regard, where reference is made to Contractor in the Prime Contract, such reference shall be interpreted to apply to Subcontractor instead of Contractor. In the event of a conflict between the Subcontract General Conditions and the Prime Contract, the Subcontract General Conditions shall govern; except, however, in no event shall Subcontractor have any less of an obligation to Contractor with respect to its work than Contractor has to Owner.

Section 4 – Compensation. Contractor agrees to pay Subcontractor the sum of:

TWO MILLION SIX HUNDRED EIGHTY THOUSAND SEVEN HUNDRED TWENTY-FOUR DOLLARS **\$ 2,680,724.00 Dollars**
Taxes and Insurance Included.

for the satisfactory performance and completion of the work and all duties, obligations, and responsibilities of Subcontractor under this Agreement.

Section 5 - Special Provisions.

- **Work as scheduled by C. Overaa & Co.**
- **Certified Payroll to be submitted on a weekly basis.**
- **Contract for stated scope of work is based upon 90% proposal drawings and specifications (Dated June 2021) for this design-build project. It is expected that the scope of work may be subject to refinements through the issuance of 100% design documents. Subcontractor shall promptly notify Contractor of design changes impacting the cost or duration of subcontractors work in accordance with subsequent sections of this agreement. Subcontractor agrees to coordinate directly with the project architect, engineers, and contractors to ensure the design and its details can be constructed within subcontractor's price. In the event that there are significant changes to scope that cannot be mitigated in an acceptable fashion; such changes shall be evaluated individually through the change order process.**

Panelized Structures, Inc.

C. OVERAA & CO.

SUBCONTRACTOR

CONTRACTOR

By: **Ed Hass**
Digital Signature by Ed Hass
DN: C=US, E=ehass@panelized.com, CN=Ed Hass
Reason: I agree to the terms defined by the placement
of my signature on this document
Date: 2021.09.30 10:10:28-07'00'

By: **Nicholas Kebbas**
Digital Signature signed by Nicholas Kebbas
DN: cn=Nicholas Kebbas, o=C. Overaa &
Co., ou, email=nickk@overaa.com, c=US
Date: 2021.10.01 08:21:12 -07'00'

[signature]

[signature]

Contractor's License No. 652369

Contractor's License No. 106793 RJ

Subcontractor's Federal Taxpayer I.D. No. 68-0276615

PLEASE SIGN AND RETURN A COPY OF THIS CONTRACT.

SUBCONTRACT GENERAL CONDITIONS

1. PAYMENTS. Invoices for work completed during the preceding month shall be delivered to Contractor by the twentieth (20th) day of each month for submission to Owner. Progress payments will be made to Subcontractor with funds received from Owner on account of work performed by Subcontractor, as such funds are received from Owner. Progress payments will not exceed 90% of the value of Subcontractor's work in place as of the date of each invoice. Final payment to Subcontractor will be payable after the entire work required by the Prime Contract has been completed and accepted by Owner and Owner has made final payment to Contractor. Submittal and acceptance of required closeout documentation including, but not limited to, as-built drawings, releases of claims, warranties, and operating and maintenance manuals, is an integral part of the work to be performed by Subcontractor and is a condition precedent to final payment. If Owner, or other responsible party, delays in making final payment to Contractor or any other payment to Contractor from which payment to Subcontractor is to be made, then the time for payment to Subcontractor will be deferred for a reasonable amount of time. Contractor has the right to make any payment to Subcontractor by joint check to Subcontractor and any of Subcontractor's suppliers, materialmen, vendors or subcontractors or any person or entity who may have a right of action against Contractor or its surety under any law, or by direct check to any such supplier, materialman, vendor, subcontractor, person or entity. No such payment shall create any contractual relationship between Contractor and any person or entity.

Subcontractor agrees to furnish, if and when required by Contractor, a list of lower tier subcontractors, materialmen, manufacturers, vendors and suppliers, insurance certificates and insurance policies, complete documentation and copies of purchase orders for all major suppliers, materialmen, manufacturers and vendors, as-built drawings, all required warranties and manufacturer literature, certified payrolls, evidence that Subcontractor is current with union trust fund payments, receipts, vouchers, and releases of claims for itself and all lower tier subcontractors, suppliers, materialmen and



200 Parr Boulevard, Richmond, CA 94801

p 510-234-0926 f 510-237-2435 www.overaa.com

To: Panelized Structures, Inc.
5731 Stoddard Road
Modesto, CA 95356

Date: 08/02/2022

Job No.: 3474-SRWA Water Treatment Plant

Contact: Ed Hass
Phone: 209-343-8600
Fax: 209-343-8650
Email: EHass@panelized.com

1235 Aldrich Rd.
Hughson, CA 95326

We hereby agree to make the change(s) specified below:

Description	ACO	PCO	Amount
Nucor building material cost increases including galvanizing and design: Add \$149,770.00.	ICO.40	INT 42	\$206,238.00
McElroy wall and roof panel material cost increases: Add \$23,716.00.			
AWIP insulated panel material cost increase: Add \$32,752.00.			

Pending Change Order

WE AGREE hereby to make the change(s) specified above at this price:

\$206,238.00

ACCEPTED - The prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated. Subcontractor waives any claim for further adjustments in the Contract Sum and Contract Time related to the above described change in the Work.

SUBCONTRACTOR

C. Overaa & Co.

ACCEPTED _____

SIGNATURE _____

Please sign and return within 7 days.

**SRWA
Uncontrollable Circumstance
Written Report**

Topic	Written Report Information
Impact Item No.:	2
Brief Description:	Miscellaneous Metals
Date Written Report Prepared or Updated:	10/27/22
Revision:	0
Change Type:	Change Due to Uncontrollable Circumstance
Contract References:	Definition of Uncontrollable Circumstance Article 6.2.C – Design-Build Price Adjustments Article 8.3 – Uncontrollable Circumstances – Entitlement to Relief Article 8.4 – Uncontrollable Circumstances – Claims Procedures Article 10.8 Cost Substantiation of Cost Already Performed
Applicable Uncontrollable Circumstance (UC) Definition:	Inclusion 1.d naturally occurring events (except weather conditions normal for the Sites) such as landslides, underground movement, earthquakes, fires, tornadoes, hurricanes, floods, lightning, epidemics (including, expressly, the COVID-19 pandemic), and other acts of God;
Event Which Constitutes UC:	COVID-19 shutdowns, work from home orders
Date Impact First Identified:	2/1/2022
Date Company has knowledge UC is likely to cause entitlement:	7/13/2022
Version of Submittal of Specific Relief Request:	First Submittal of Written Report, not Final
Detailed UC Description:	As the project advanced from 60% Design to 90% Design, the team was notified that costs were increasing on miscellaneous metals, due to impacts from COVID-19. Tri Star Metals informed the team the price will be increasing. To mitigate project impacts, the team elected to explore design options that allowed Overaa to procure materials early, without compromise to final design. Jacobs' design team worked with Overaa to evaluate locations, sizing, material types and shapes and depths of members.
Final Mitigation Strategy:	Overaa executed early purchase orders to procure raw materials before final layout and dimensioning was complete. This helped reduce the impact of surging material costs and protected the

Topic	Written Report Information
	schedule from long-lead procurement delays. Jacobs and Overaa optimized sizing, shapes, and depths in final design.
Applicable DB Contract Article 6.2.C – Base Design-Build Price Adjustments:	1. Adjustment for Change Order: No 2. Adjustment for Uncontrollable Circumstance: Yes 3. Adjustment for Certain Raw Materials Cost Fluctuations: No
UC Costs (\$):	\$264,271.57 (cost delta as quoted) \$296,400.39 (total cost for Overaa) Note the cost assessment for costs due to UC are \$383,722.83. See attached Cost Fluctuation Analysis documentation. The above UC costs of \$296,400.39 are deemed reasonable.
UC Total Costs (\$), including bonds, insurances, and fees:	\$333,213.32
UC Time Extension to Schedule (days):	0 days impact to critical path
UC Change to Performance Obligations:	N/A

JACOBS

UC Cost Estimate

SRWA Project
Project No. SRWA2019

UC Impact No. 2
Miscellaneous Metals

UC COST ESTIMATE SUMMARY PAGE				
Description	Qty	Unit	Unit Cost	Total Cost
Direct Costs				
Jacobs Self-Performance	-	ls	\$ -	\$0.00
Process Equipment	-	ls	\$ -	\$0.00
Subcontractors				
General Contractor	1.00	ls	\$ 296,400.39	\$296,400.39
Subtotal Direct Costs				\$296,400.39
Indirect Costs				
General Conditions	-	ls	\$ -	\$0.00
Other Costs	1.00	ls	\$ 2,964.00	\$2,964.00
Bonds & Insurances	1.00	ls	\$ 3,556.80	\$3,556.80
Subtotal Indirect Costs				\$6,520.81
Subtotal Direct & Indirect Costs				\$302,921.20
Fee (Overhead & Profit)	10.0%	%	\$ 302,921.20	\$30,292.12
Design-Builder Contingency	0%	%	\$ 302,921.20	\$0.00
Total Contract Adjustment				\$333,213.32

Item No. 2, Attachment 2
UC Cost Estimate

Project: SRWA
COR Number: UC Impact No. 2
COR Description: Miscellaneous Metals

Item No.	Item Description	Assumption	Takeoff Quantity		Labor Productivity		Labor Cost/Unit		Labor Quantity		Labor Price		Labor Amount	Material Price		Material Amount		Sub Price		Sub Amount	Equip Price		Equip Amount		Other Price		Other Amount	Total Cost/Unit	Total Amount	
01	Direct Costs																												\$ 296,400.39	
01.01	Jacobs Self-Performance																												\$ -	
	Testing & Special Inspection	None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	\$ -
	Confined Space Rescue Team	None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	\$ -
	Engineering Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Engineering Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Engineering Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Engineering Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	SDC Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	SDC Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	SDC Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	SDC Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	I&C Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	I&C Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	I&C Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	I&C Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Startup & Commissioning Labor - Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 257.15	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Startup & Commissioning Labor - Engr Professional, Lead	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 257.15	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Startup & Commissioning Labor - Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 141.39	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
	Startup & Commissioning Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
01.03	Process Equipment																												\$ -	
01.03.01	Process Equipment																												\$ -	
		None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	\$ -
01.02	Subcontractors																												\$ 296,400.39	
01.02.01	General Contractor - Overaa																												\$ 296,400.39	
	Credit Original Bid Price		-1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 709,940.48	/ls	\$ (709,940.48)	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 709,940.48	\$ (709,940.48)
	Credit Original Cost Fluctuation Inclusion	Assume materials are 100% of quote. Include 4% escalation on materials.	-1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 28,397.62	/ls	\$ (28,397.62)	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 28,397.62	\$ (28,397.62)
	Final Bid Price		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 1,002,609.67	/ls	\$ 1,002,609.67	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 1,002,609.67	\$ 1,002,609.67
	Overaa Bonds & Ins		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 3,964.07	/ls	\$ 3,964.07	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 3,964.07	\$ 3,964.07
	Overaa Fee		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 28,164.74	/ls	\$ 28,164.74	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 28,164.74	\$ 28,164.74
02	Indirect Costs																												\$ 6,520.81	
02.01	General Conditions																												\$ -	
	Project Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 145.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Commercial Manager / Procurement	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Construction Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 145.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Construction Project Engineer	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 90.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Scheduler	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Accountant	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 90.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Superintendent	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Quality Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 100.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	Safety Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 95.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -
	General Conditions Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	/ls	\$ -	/hr	\$ -	\$ -
02.02	Other Costs																												\$ 2,964.00	
	Building Permits and Expenses		0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	\$ -
	Subcontractor Bonds and Insurances	1.0% of Subcontractor Costs	1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ 2,964.00	/ls	\$ 2,964.00	\$ 2,964.00
	Other Costs		0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	\$ -
02.03	Bonds & Insurances																												\$ 3,556.80	
	Bonds & Insurances	1.2% of Direct Costs	1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ 3,556.80	/ls	\$ 3,556.80	\$ 3,556.80

**SRWA
 Cost Fluctuation Analysis**

Scope	Miscellaneous Metals Products (Aluminum)	
PPI Code	WPU10250162	
Description	Date	Data
Historical over Past 10 Years		
First Data Point	May-12	110.200
Pre-COVID-19 Data Point	Mar-20	113.000
Percentage Increase		2.54%
Number of Months in Analysis		95
Monthly Increase (Historical Cost Fluctuation)		0.03%
Cost Fluctuation Duration (months)		18
Total Anticipated Cost Fluctuation		0.48%
Assumed Cost Fluctuation used in SRWA Pricing (Forward Looking)		
		4.00%
SRWA Post Analysis (Rear Looking)		
Quote Time	May-20	104.100
Buyout Time	Oct-21	164.535
Percentage Increase Due to Uncontrollable Circumstance		58.05%
Additional PPI Analysis		
PPI long term analysis (annual average from xxxx to 2000)		N/A
PPI Hurricane Katrina, Building Boom (9/2005 to 2/2007)		17.40%
PPI Summary		
Using past 10-years suggested this increase		0.48%
Team utilized this increase within SRWA pricing		4.00%
Increase after UC event for Hurricane Katrina and building boom		17.40%
Increase due to COVID-19 UC		58.05%
Original Bid Amount		\$ 709,940.48
Furnish Only %		100.00%
Original Bid Material Amount		\$ 709,940.48
Bid Time Assumed Cost Fluctuation	4.00%	\$ 28,397.62
Actual Cost Fluctuation - Calculated	58.05%	\$ 412,120.45
Impact due to Uncontrollable Circumstance - Reasonable Assessment	54.05%	\$ 383,722.83

Item No. 2, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Commodity Based > Metals and Metal Products

☆ Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products (WPU108)

DOWNLOAD

Observation:

May 2022: **217.449** (+ more)
Updated: Jun 14, 2022

Units:

Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

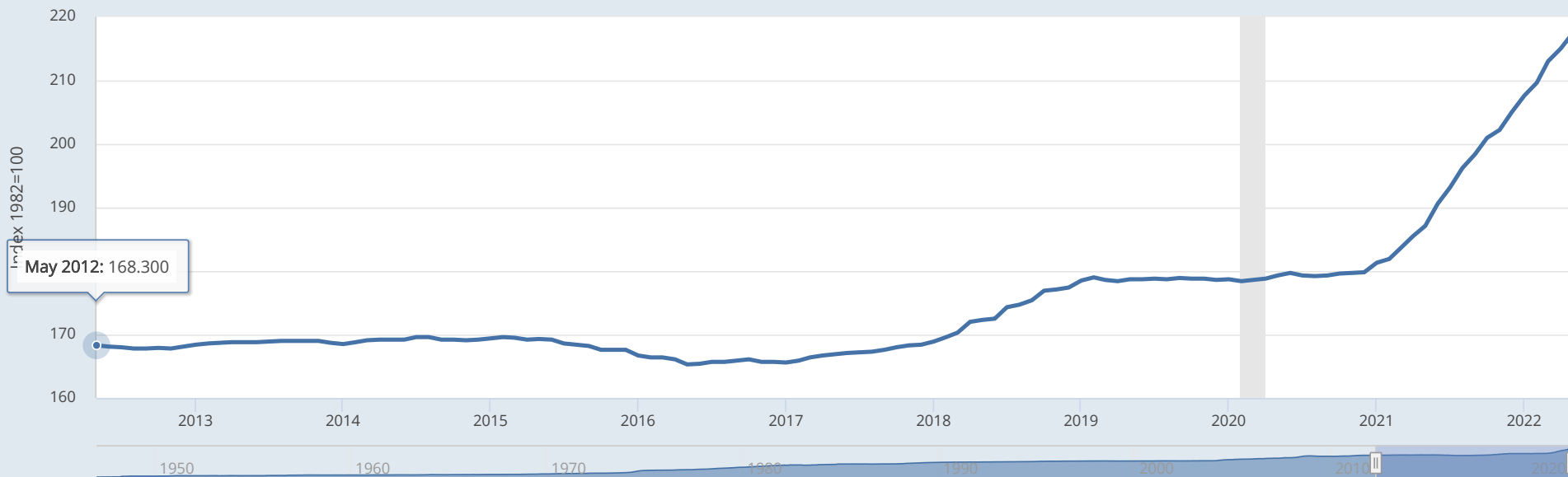
EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org



Share Links

Account Tools



NOTES

Item No. 2, Attachment 3
Cost Fluctuation Analysis

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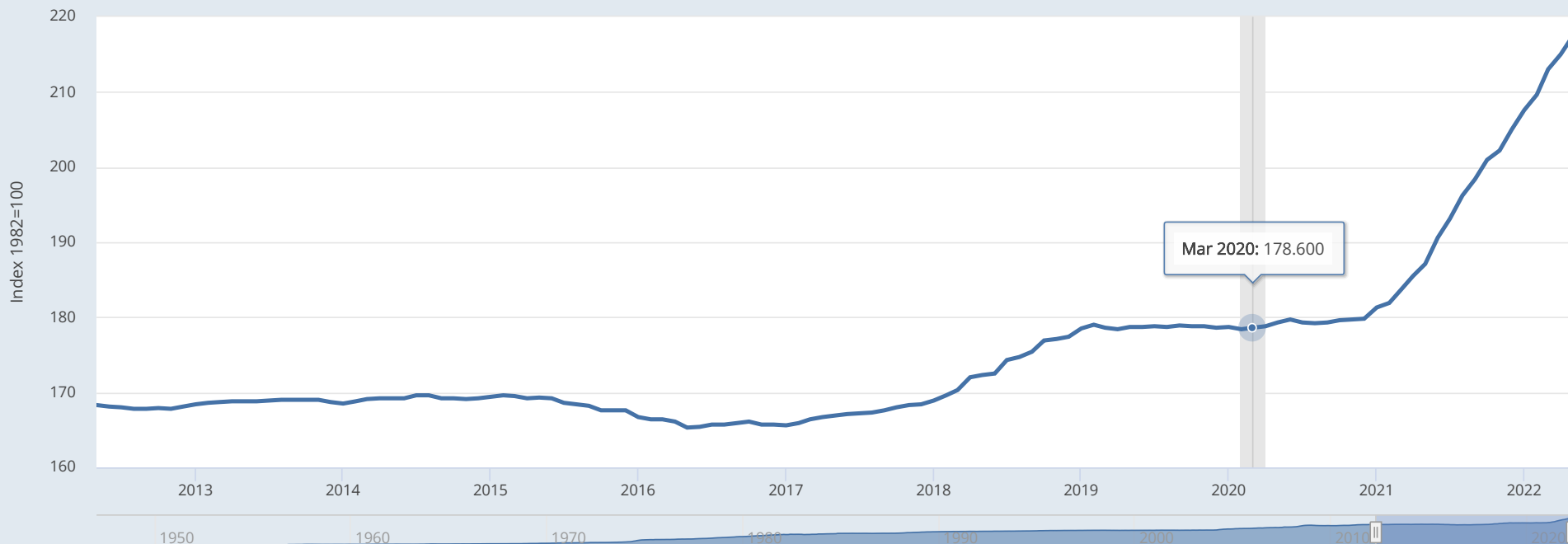
EDIT GRAPH

2012-05-01

2022-05-01



— Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products



Shaded areas indicate U.S. recessions.

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Cost Fluctuation Analysis

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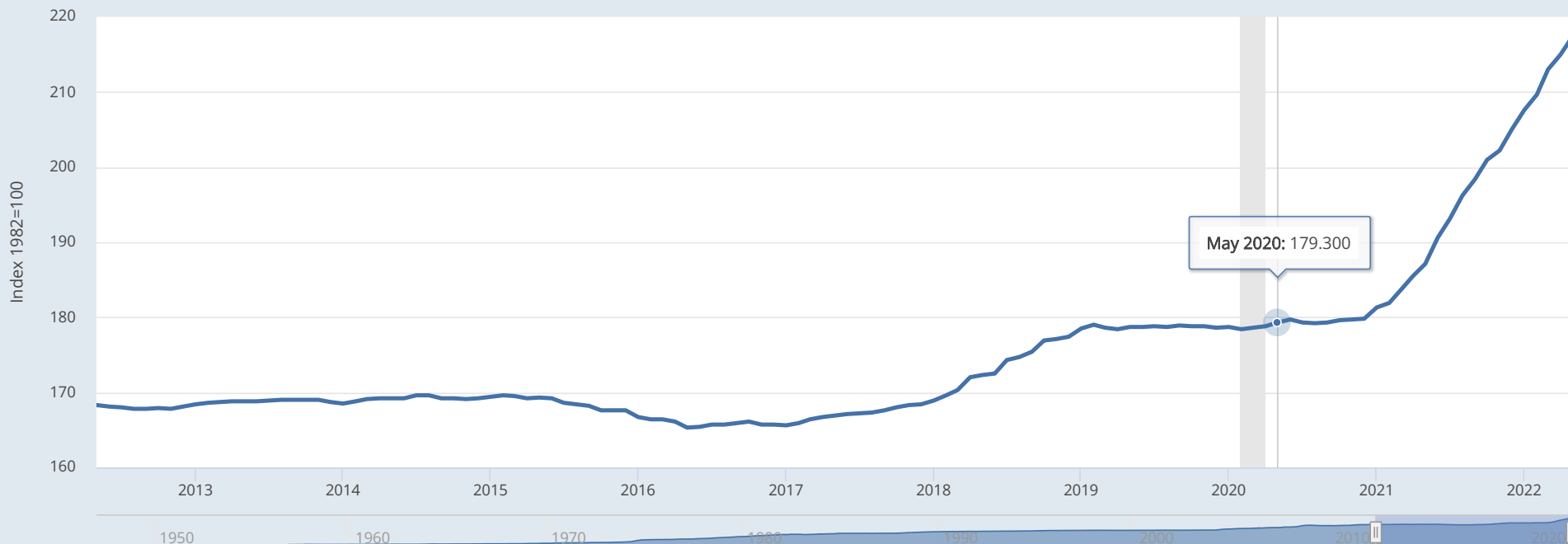
EDIT GRAPH

2012-05-01

2022-05-01



— Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products



Shaded areas indicate U.S. recessions.

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Share Links Account Tools



Item No. 2, Attachment 3
Cost Fluctuation Analysis

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Categories > Prices > Producer Price Indexes (PPI) > Commodity Based > Metals and Metal Products

☆ Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products (WPU108)

DOWNLOAD

Observation:

May 2022: **217.449** (+ more)
Updated: Jun 14, 2022

Units:

Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01



— Producer Price Index by Commodity: Metals and Metal Products: Miscellaneous Metal Products



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

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Share Links Account Tools



NOTES

Item No. 2, Attachment 4
Quotes

SRWA
Quote History - Miscellaneous Metals

2020 Proposal							2021 Proposal									
Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Remove Scope Evolution Items	Notes
Tri Star Metals								Tri Star Metals								
05 - Yard Work				\$ 7,383.00	\$ 24,750.00	\$ 32,133.00		05 - Yard Work				\$ 42,756.00	\$ -	\$ 42,756.00	\$ 37,414.00	
Quote Items				\$ 7,383.00		\$ 7,383.00		Quote Items								
Safety Yellow fixed 4" Sch. 40 Bollard @ 7'-0" tall	15.00	ea						H.D.G. Removable 6" bollard and 8" sleeve	6.00	ea	\$ 1,630.33	\$ 9,782.00	\$ -	\$ 9,782.00	\$ 9,782.00	
								Painted 6" Fixed bollards for fire hydrant protection.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
								Painted 6" Fixed bollards for fire hydrant protection.	8.00	ea	\$ 628.00	\$ 5,024.00	\$ -	\$ 5,024.00	\$ 5,024.00	
								Painted 6" Fixed bollards for fire department protection.	4.00	ea	\$ 628.00	\$ 2,512.00	\$ -	\$ 2,512.00	\$ 2,512.00	
								Painted 5" Fixed bollard for ozone building protection.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
								Painted 6" Fixed bollards for fire hydrant protection.	6.00	ea	\$ 628.00	\$ 3,768.00	\$ -	\$ 3,768.00	\$ 3,768.00	
								Painted 6" Fixed bollards for fire hydrant protection.	4.00	ea	\$ 628.00	\$ 2,512.00	\$ -	\$ 2,512.00	\$ 2,512.00	
								Painted 6" Fixed bollards for fire department protection.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
								2" Square tube rolled powder coated bike rack.	2.00	ea	\$ 1,200.00	\$ 2,400.00	\$ -	\$ 2,400.00		Assume design/scope evolution.
								Painted 6" Fixed bollards for fire hydrant protection.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
								Painted 6" Fixed bollard for building protection.	3.00	ea	\$ 628.00	\$ 1,884.00	\$ -	\$ 1,884.00	\$ 1,884.00	
								Painted 6" Fixed bollard for building protection.	6.00	ea	\$ 628.00	\$ 3,768.00	\$ -	\$ 3,768.00	\$ 3,768.00	
								Painted 6" Fixed bollard for building protection.	1.00	ea	\$ 628.00	\$ 628.00	\$ -	\$ 628.00	\$ 628.00	
								Freestanding handrail @ 9'-0" long. Calcs excluded.	1.00	ea	\$ 2,942.00	\$ 2,942.00	\$ -	\$ 2,942.00		Assume design/scope evolution.
								Painted 6" Fixed bollard for security box.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
								Painted 6" Fixed bollard for security box.	2.00	ea	\$ 628.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00	
Estimator Assumption Items																
Bollards - Generator	10.00	ea	\$ 500.00		\$ 5,000.00	\$ 5,000.00										
Bollards - CO2 Tank	2.00	ea	\$ 500.00		\$ 1,000.00	\$ 1,000.00										
Bollards - rapid mix pad	2.00	ea	\$ 500.00		\$ 1,000.00	\$ 1,000.00										
Bollards - fire hydrants (2each)	18.00	ea	\$ 500.00		\$ 9,000.00	\$ 9,000.00										
Bollards - Civil TM (not all shown)	12.00	ea	\$ 500.00		\$ 6,000.00	\$ 6,000.00										
Hose Bibs Racks	10.00	ea	\$ 275.00		\$ 2,750.00	\$ 2,750.00										
15 - Maintenance & Repair Building								15 - Maintenance & Repair Building				\$ 6,887.00	\$ -	\$ 6,887.00	\$ 6,887.00	
Quote Items								Quote Items								
								Painted 8" Sch. 40 surface mounted bollard	2.00	ea	\$ 1,873.50	\$ 3,747.00	\$ -	\$ 3,747.00	\$ 3,747.00	
								Painted 6" Sch. 40 fixed bollard.	5.00	ea	\$ 628.00	\$ 3,140.00	\$ -	\$ 3,140.00	\$ 3,140.00	
20 - RWPS				\$ 23,287.00	\$ (21,367.00)	\$ 1,920.00		20 - RWPS				\$ 38,878.00	\$ -	\$ 38,878.00	\$ 32,536.00	
Quote Items				\$ 23,287.00	\$ (23,287.00)	\$ -	Quote included \$23,287 but this was removed by estimator and assumed to be part of PEMB.	Quote Items								
Galvanized Bridge crane approx. 37'-0" long.	1.00	ea														
Galvanized pipe strap for a 48" pipe.	13.00	ea														
								Alum 2 line sub-assembled handrail along 2 stairs.	30.00	lf	\$ 241.93	\$ 7,258.00	\$ -	\$ 7,258.00	\$ 7,258.00	
								H.D.G. Equipment screen 24'-9" x 18'-0" L-Shape.	1.00	ea	\$ 24,022.00	\$ 24,022.00	\$ -	\$ 24,022.00	\$ 24,022.00	
								Painted 6" Sch. 40 fixed bollard.	1.00	\$ 1,256.00	\$ 1,256.00	\$ -	\$ 1,256.00	\$ 1,256.00		
								Aluminum hose rack with galvanized stanchion.	2.00	\$ 724.50	\$ 1,449.00	\$ -	\$ 1,449.00		Assume design/scope evolution.	
								H.D.G. Pipe support for a 24" diameter pipe.	1.00	\$ 2,134.00	\$ 2,134.00	\$ -	\$ 2,134.00		Assume design/scope evolution.	
								304 SST 1/2" thick orifice plate with 12" diameter hole.	1.00	\$ 2,759.00	\$ 2,759.00	\$ -	\$ 2,759.00		Assume design/scope evolution.	
Estimator Assumption Items																
Handrail at site stairs	32.00	lf	\$ 60.00		\$ 1,920.00	\$ 1,920.00										
25 - Flow Split				\$ 5,542.00	\$ (5,542.00)	\$ -		25 - Flow Split				\$ -	\$ -	\$ -	\$ -	
Quote Items				\$ 5,542.00	\$ (5,542.00)	\$ -	Quote included \$5,542 but this was removed by estimator and assumed in piping estimate.	Quote Items								
Galvanized pipe strap for a 36" pipe.	7.00															
Galvanized pipe strap for a 48" pipe.	11.00															
26 - RW Outfall Structure				\$ 7,982.00	\$ 2,100.00	\$ 10,082.00		26 - RW Outfall Structure				\$ 45,466.00	\$ -	\$ 45,466.00	\$ 23,205.00	
Quote Items				\$ 7,982.00		\$ 7,982.00		Quote Items								
Aluminum ladder approx. 14' tall	1.00	ea														
H.D.G. grating @ 3'x6' opening	1.00	ea														
								Aluminum grating & support beams at 8' 0"x25'-0" opening.	1.00	ea	\$18,036.00	\$ 18,036.00	\$ -	\$ 18,036.00		Assume design/scope evolution.
								316 SST rebate for grating at 8'-0"x25'-0" opening	1.00	ea	\$4,225.00	\$ 4,225.00	\$ -	\$ 4,225.00		Assume design/scope evolution.
								Aluminum grating at 2'-0"x2'-0" sump opening	1.00	ea	\$652.00	\$ 652.00	\$ -	\$ 652.00	\$ 652.00	
								316 SST rebate for grating at 2'-0"x2'-0" sump opening	1.00	ea	\$1,492.00	\$ 1,492.00	\$ -	\$ 1,492.00	\$ 1,492.00	

Item No. 2, Attachment 4
Quotes

SRWA
Quote History - Miscellaneous Metals

2020 Proposal							2021 Proposal									
Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Remove Scope Evolution Items	Notes
								316 SST ladder approx. 12'-6" tall with 304 SST LadderUp.	1.00	ea	\$8,177.00	\$ 8,177.00	\$ -	\$ 8,177.00	\$ 8,177.00	
								Alum ladder approx. 5'-0" tall.	1.00		\$3,414.00	\$ 3,414.00	\$ -	\$ 3,414.00	\$ 3,414.00	
								Alum 2 line sub-assembled handrail.	86.00	lf		\$ 9,470.00	\$ -	\$ 9,470.00	\$ 9,470.00	
Estimator Assumption Items																
Handrail	35.00	lf	\$ 60.00		\$ 2,100.00	\$ 2,100.00										
28 - Rapid Mix								28 - Rapid Mix				\$ 2,249.00	\$ -	\$ 2,249.00	\$ 2,249.00	
Quote Items							Included in Facility 30	Quote Items								
								H.D.G. Pipe strap for a 24" pipe.	4.00	ea	\$ 281.13	\$ 1,124.50	\$ -	\$ 1,124.50	\$ 1,124.50	
								H.D.G. Pipe strap for a 16" pipe.	4.00	ea	\$ 281.13	\$ 1,124.50	\$ -	\$ 1,124.50	\$ 1,124.50	
30 - Flocculation & Sedimentation				\$ 166,450.00	\$ 20,000.00	\$ 186,450.00		30 - Flocculation & Sedimentation				\$ 277,495.00	\$ -	\$ 277,495.00	\$ 264,211.00	
Quote Items				\$ 166,450.00		\$ 166,450.00		Quote Items								
Aluminum 3 line sub assembled handrail	1,400.00	lf						H.D.G. Stair and landings approx. 18'-0" tall.	3.00	ea		\$ 85,728.00	\$ -	\$ 85,728.00	\$ 85,728.00	
Alum grtg & 316 SST Rebate @ 5'-0" x 18'-0" opening.	1.00	ea						316 SST Ladder approx. 20'-0" tall without SAF-T-Climb.	2.00	ea		\$ 14,844.00	\$ -	\$ 14,844.00	\$ 14,844.00	
Alum grtg & 316 SST Rebate @ 5'-0" x 8'-0" opening.	2.00	ea						316 SST rebate for grating at 6'-0" x 50'-0" opening.	2.00	ea		\$ 26,378.00	\$ -	\$ 26,378.00	\$ 26,378.00	
Alum grtg & 316 SST Rebate @ 5'-0" x 47'-0" opening.	2.00	ea						Alum grating @ 6'-0" x 50'-0" opening. No supports included.	2.00	ea		\$ 49,576.00	\$ -	\$ 49,576.00	\$ 49,576.00	
Alum stair approx. 15'-2" Tall	3.00	ea						Alum 2 line sub-assembled handrail	1,241.00	lf		\$ 87,685.00	\$ -	\$ 87,685.00	\$ 87,685.00	
Galvanized pipe strap for a 24" pipe.	7.00	ea						Alum rail mounted hose rack.	5.00	ea		\$ 2,448.00	\$ -	\$ 2,448.00		Assume design/scope evolution.
Galvanized pipe strap for a 16" pipe.	4.00	ea						316 SST Baffle plate assembly.	2.00	ea		\$ 10,836.00	\$ -	\$ 10,836.00		Assume design/scope evolution.
Estimator Assumptions Items																
S.S. Ladders	4.00	ea	\$ 5,000.00		\$ 20,000.00	\$ 20,000.00										
40 - Ozone Building								40 - Ozone Building				\$ 921.00	\$ -	\$ 921.00	\$ -	
Quote Items								Quote Items								
								Aluminum hose rack with galvanized stanchion.	1.00	ea		\$ 921.00	\$ -	\$ 921.00		Assume design/scope evolution.
45 - Filters				\$ 215,838.00	\$ 39,000.00	\$ 254,838.00		45 - Filters				\$ 456,072.00	\$ -	\$ 456,072.00	\$ 360,997.00	
Quote Items				\$ 215,838.00		\$ 215,838.00		Quote Items								
Alum stair approx. 7'-0" tall.	2	Ea						H.D.G. Switchback stair and landing 20'-10" tall.	1	Ea						
Alum stair double switch back stair approx. 22'-0" tall.	1	Ea						H.D.G. Stair and landing 8'-5" tall.	1	Ea		\$ 127,574.00		\$ 127,574.00	\$ 127,574.00	
Alum stair double switch back stair approx. 27'-0" tall.	1	Ea						H.D.G. Stair and landing 11'-9" tall.	1	Ea						
Alum stair approx. 4'-0" tall.	1	Ea						H.D.G. Switchback stair and landings 20'-6 3/4" tall.	1	Ea						
Alum 3 line sub assembled handrail.	1042	lf.						H.D.G. Pipe strap for a 16" pipe.	8	Ea						
Alum grtg & 316 SST Rebate @ 5'-0" x 13'-0" opening.	1	Ea						H.D.G. Pipe strap for a 20" pipe.	4	Ea		\$ 5,083.00		\$ 5,083.00		
Alum grtg & 316 SST Rebate @ 5'-0" x 125'-0" opening.	1	Ea						H.D.G. Pipe strap for a 30" pipe.	4	Ea						
316 SST 1/4" thick 17" O.D. plate with screen.	16	Ea						H.D.G. Pipe strap for a 36" pipe.	4	Ea						Assume design/scope evolution.
Alum rail mounted hose rack.	8	Ea						Alum grating at T-Shaped trench and sump.	1	Ea	Breakout=	\$ 20,175.00		\$ 20,175.00	\$ 20,175.00	
								316 SST rebate for T-Shaped trench grating and sump.	1	Ea	Breakout=	\$ 16,603.00		\$ 16,603.00	\$ 16,603.00	
								316 SST Ladder approx. 8'-0" tall with 304 SST LadderUP	2	Ea	Breakout=	\$ 12,536.00		\$ 12,536.00	\$ 12,536.00	
								316 SST grating with chk'r plate top @ 4' 0" x 8'-0" opening.	2	Ea		\$ 28,862.00		\$ 28,862.00	\$ 28,862.00	
								316 SST shelf angles for grating @ 4'-0" x 8'-0" opening.	2	Ea						
								Alum Sub-Assembled handrail	1,276	lf.	Breakout=	\$ 75,998.00		\$ 75,998.00	\$ 75,998.00	
								Alum Stair 1'-9" tall.	3	Ea	Breakout=	\$ 10,795.00		\$ 10,795.00	\$ 10,795.00	
								Alum Checker plate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$ 6,191.00		\$ 6,191.00	\$ 6,191.00	
								316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$ 4,614.00		\$ 4,614.00	\$ 4,614.00	
								Alum Checker plate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$ 3,311.00		\$ 3,311.00	\$ 3,311.00	
								316 SST rebate for chk'r plate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$ 2,808.00		\$ 2,808.00	\$ 2,808.00	
								Alum Checker plate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$ 12,898.00		\$ 12,898.00	\$ 12,898.00	
								316 SST rebate for chk'r plate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$ 9,696.00		\$ 9,696.00	\$ 9,696.00	
								Alum Checker plate @ 4'-0" x 8'-1" opening.	1	Ea						
								316 SST Shelf angles for chk'r plate @ 4'-0" x 8'-1" opening.	1	Ea		\$ 16,305.00		\$ 16,305.00		
								Alum Checker plate @ 4'-0" x 6'-6" opening.	1	Ea						
								316 SST Shelf angles for chk'r plate @ 4'-0" x 6'-6" opening.	1	Ea						Assume design/scope evolution.
								316 SST 3/4"x15"x24" Embed plate with welded studs	10	Ea	Breakout=	\$ 7,594.00		\$ 7,594.00	\$ 7,594.00	Assume design/scope evolution.

Item No. 2, Attachment 4
Quotes

SRWA
Quote History - Miscellaneous Metals

2020 Proposal							2021 Proposal									
Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Remove Scope Evolution Items	Notes
								H.D.G. 3/8" Bent plate decking support @ 126'-2" long.								
								provided in 8'-0" long maximum lengths	1	Ea		\$ 18,170.00		\$ 18,170.00	\$ 18,170.00	
								H.D.G. 3/8" Bent plate decking support @ 44'-9" long.								
								provided in 8'-0" long maximum lengths	1	Ea						
								Alum grating @ 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$ 1,903.00		\$ 1,903.00		Assume design/scope evolution.
								316 SST rebate & shelf angle for 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$ 2,444.00		\$ 2,444.00		Assume design/scope evolution.
								316 SST Overflow box 14'-0" long, 2'-0" wide, 4'-0" tall.	1	Ea	Breakout=	\$ 61,746.00		\$ 61,746.00		Originally concrete. Assume design/scope evolution.
								316 SST 1/4" x 17" OD x 8" ID pair of plates with a woven wire mesh sandwiched in between	8	Ea	Breakout=	\$ 9,965.00		\$ 9,965.00	\$ 9,965.00	
								H.D.G. Pipe strap for a 24" pipe.	1	Ea	Breakout=	\$ 801.00		\$ 801.00	\$ 801.00	
Estimator Assumption Items																
Gallery Trench Grating	140.00	sf	\$ 50.00		\$ 7,000.00	\$ 7,000.00										
Ladders	4.00	ea	\$ 5,000.00		\$ 20,000.00	\$ 20,000.00										
Hand Rail at Retaining Wall	160.00	lf	\$ 75.00		\$ 12,000.00	\$ 12,000.00										
55- Chemical Storage & Feed Facility				\$ 39,830.00	\$ 4,000.00	\$ 43,830.00		55- Chemical Storage & Feed Facility				\$ 92,012.00	\$ -	\$ 92,012.00	\$ 75,135.00	
Quote Items							Quote Items									
				\$ 39,830.00		\$ 39,830.00										
								H.D.G. L-Shaped stair, landings, and handrail 10'-10 1/2" tall.	1	Ea	Breakout=	\$ 44,298.00		\$ 44,298.00	\$ 44,298.00	
								Aluminum grating at 2'-0"x2'-0" sump opening. Trench excluded.	1	Ea	Breakout=	\$ 652.00		\$ 652.00	\$ 652.00	
								316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$ 1,492.00		\$ 1,492.00	\$ 1,492.00	
								Aluminum grating at 2'-0"x2'-0" sump opening.	1	Ea	Breakout=	\$ 652.00		\$ 652.00	\$ 652.00	
								316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$ 1,492.00		\$ 1,492.00	\$ 1,492.00	
								H.D.G. Stair, landing, and handrail 3'-0" tall.	1	Ea	Breakout=	\$ 13,169.00		\$ 13,169.00		Assume design/scope evolution.
								Aluminum grating at 4'-0"x3'-0" opening.	1	Ea	Breakout=	\$ 14,776.00		\$ 14,776.00	\$ 14,776.00	
								316 SST rebate for grating at 4'-0"x3'-0" opening	1	Ea	Breakout=	\$ 5,244.00		\$ 5,244.00	\$ 5,244.00	
								H.D.G. heavy duty grating at 3'-0"x3'-0" opening.	1	Ea	Breakout=	\$ 3,418.00		\$ 3,418.00	\$ 3,418.00	
								316 SST rebate for grating at 3'-0"x3'-0" opening	1	Ea	Breakout=	\$ 3,111.00		\$ 3,111.00	\$ 3,111.00	
								Aluminum hose rack with galvanized stanchion.	4	Ea		\$ 3,708.00		\$ 3,708.00		
								Alum Wall mounted hose rack.	2	Ea						Assume design/scope evolution.
Estimator Assumption Items																
Bollards at Chem	5.00	ea	\$ 500.00		\$ 2,500.00	\$ 2,500.00										
Grating at Tote Storage	6.00	ea	\$ 250.00		\$ 1,500.00	\$ 1,500.00										
60- BWEQ				\$ 105,361.00	\$ 10,000.00	\$ 115,361.00		60- BWEQ				\$ 163,343.00	\$ -	\$ 163,343.00	\$ 126,784.00	
Quote Items							Quote Items									
				\$ 105,361.00		\$ 105,361.00										
								316 SST Ladder 27'-0" tall with SAF-T-Climb.	2	Ea	Breakout =	\$ 29,085.00		\$ 29,085.00	\$ 29,085.00	
								Alum Checker plate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$ 2,087.00		\$ 2,087.00	\$ 2,087.00	
								316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$ 1,656.00		\$ 1,656.00	\$ 1,656.00	
								Alum walkway with grating top at 5'-0" wide by 25'-0" long.	2	Ea	Breakout =	\$ 32,132.00		\$ 32,132.00	\$ 32,132.00	
								Aluminum stair & landing approx. 5.17' tall.	1	Ea						
								Aluminum stair & landing approx. 3.00' tall.	1	Ea						
								Aluminum stair & landing approx. 3.00' tall.	1	Ea		\$ 26,970.00		\$ 26,970.00	\$ 26,970.00	
								Alum alternating tread stair approx. 5.00' tall.	1	Ea						
								Embedded plate for Alum alternating tread stair approx. 5.00' tall.	1	Ea	Breakout =	\$ 761.00		\$ 761.00	\$ 761.00	
								Alum 2 line sub-assembled handrail.	511	lf.	Breakout =	\$ 31,171.00		\$ 31,171.00	\$ 31,171.00	
								Alum grating, & support beams at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$ 29,805.00		\$ 29,805.00		Assume design/scope evolution.
								316 SST rebate for grating at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$ 6,754.00		\$ 6,754.00		Assume design/scope evolution.
								Alum Wall mounted hose rack.	3	Ea		\$ 2,922.00		\$ 2,922.00	\$ 2,922.00	
								Alum Rail mounted hose rack.	1	Ea						
Estimator Assumption Items																
Ladders	2.00	ea	\$ 5,000.00		\$ 10,000.00	\$ 10,000.00										
65- Drying Beds				\$ 9,753.00	\$ (9,753.00)	\$ -		65- Drying Beds								

Item No. 2, Attachment 4
Quotes

SRWA
Quote History - Miscellaneous Metals

2020 Proposal							2021 Proposal								
Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Description	Qty	Unit	Unit Value	Quote Value	Estimator Assumptions Value	Total Value	Remove Scope Evolution Items	Notes
Quote Items				\$ 9,753.00	\$ (9,753.00)	\$ -	Quote included \$9,753 but removed in this analysis. This has been reconciled in previous Drying Bed Modifications.	Quote Items							
Alum grating and 316 SST rebate for 4'-0" x 4'-0" opening.	4	Ea													
Alum 2 line sub assembled handrail.	40	Lf.													
70 - Clearwell							70 - Clearwell				\$ 17,619.00	\$ -	\$ 17,619.00	\$ -	
Quote Items							Quote Items								
							SST Vortex Breaker	1	ea	\$ 16,425.00	\$ 16,425.00		\$ 16,425.00		Assume design/scope evolution.
							Bug Screen at Overflow	1	ea	\$ 1,194.00	\$ 1,194.00		\$ 1,194.00		Assume design/scope evolution.
75 - FWPS (Basins, Clearwells, & FWPS)				\$ 3,104.00	\$ (3,104.00)	\$ -	75 - FWPS				\$ 7,827.00	\$ -	\$ 7,827.00	\$ -	
Quote Items				\$ 3,104.00	\$ (3,104.00)	\$ -	Quote included \$3,104 but this was removed by estimator and assumed in piping estimate.	Quote Items							
Galvanized pipe strap for a 36" pipe	4.00	ea					Aluminum grating at sump and trench opening.	1.00	ea	\$ 3,540.00	\$ 3,540.00		\$ 3,540.00		Assume design/scope evolution.
Galvanized pipe strap for a 24" pipe	5.00	ea					316 SST rebate for grating at 3'-0"x3'-0" sump and trench.	1.00	ea	\$ 4,287.00	\$ 4,287.00		\$ 4,287.00		Assume design/scope evolution.
Galvanized pipe strap for a 18" pipe	4.00	ea													
Galvanized pipe strap for a 10" pipe	3.00	ea													
Decant Vault				\$ 9,753.00	\$ (9,753.00)	\$ -	Decant Vault				\$ -	\$ -	\$ -	\$ -	
Quote Items				\$ 9,753.00	\$ (9,753.00)	\$ -	Quote included \$9,753 but removed by estimator because this was a duplicate.	Quote Items							
Alum grating and 316 SST rebate for 4'-0" x 4'-0" opening.	1.00	Ea													
Alum 2 line sub assembled handrail.	1.00	Ea													
Screen Walls				\$ 26,990.00	\$ (13,490.00)	\$ -	Screen Walls				\$ -	\$ -	\$ -	\$ -	
Quote Items				\$ 26,990.00	\$ (26,990.00)	\$ -	Quote included \$26,990 but removed by estimator and plug price used below.	Quote Items							
H.D.G. Screen wall support consisting of (8) 11# posts at 8'-0" o.c. and (3) horizontal Cs#6.7# between posts	200.00	If													
Estimator Assumption Items															
Screen Walls	100.00	If	\$ 135.00		\$ 13,500.00										
Subtotal				\$ 621,273.00	\$ 36,841.00	\$ 658,114.00	Subtotal				\$ 1,151,525.00	\$ -	\$ 1,151,525.00	\$ 929,418.00	
Tax				\$ 48,925.25	\$ 2,901.23	\$ 51,826.48	Tax				\$ 90,682.59	\$ -	\$ 90,682.59	\$ 73,191.67	
Freight				Included		Included	Freight				Included				
Install				Excluded		Excluded	Install				Excluded				
Total Tri Star Metals Quote				\$ 670,198.25	\$ 39,742.23	\$ 709,940.48	Total Tri Star Metals Quote				\$ 1,242,207.59	\$ -	\$ 1,242,207.59	\$ 1,002,609.67	Furnish only
Updated Pricing & Other Scope							Updated Pricing & Other Scope								
Total Updated Pricing & Other Scope				\$ -	\$ -	\$ -	Total Updated Pricing & Other Scope				\$ -	\$ -	\$ -	\$ -	
2020 Total				\$ 670,198.25	\$ 39,742.23	\$ 709,940.48	2021 Total				\$ 1,242,207.59	\$ -	\$ 1,242,207.59	\$ 1,002,609.67	

Tri Star Metals

Rev 2 (05/14/20)

8749 Pedrick Rd
Dixon, Ca 95620-9604

Aaron Moynihan Ext. 104

Phone (707) 678-1140
Fax (707) 678-1689

Project Name Stanislaus Water Treatment Plant
Stanislaus, CA

Bid Date March 15, 2019
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M	
<u>05 SITE CIVIL DRAWINGS</u>					
1	05-C-102	Safety Yellow fixed 4" Sch. 40 Bollard @ 7'-0" tall	15	Ea	
					Lump Sum Price For Items Listed Above
					\$ 7,383.00
					Sales Tax Not Included. Needs to be added
<u>20 RAW WATER PS</u>					
2	20-D-200	Galvanized Bridge crane approx 37'-0" long.	1	Ea	
3	20-D-200	Galvanized pipe strap for a 48" pipe.	13	Ea	
					Lump Sum Price For Items Listed Above
					\$ 23,287.00
					Sales Tax Not Included. Needs to be added
<u>25 FLOW SPLIT (OLD DESIGN)</u>					
4	C06	Alum ladder approx 17' 0" tall with LadderUP.	3	Ea	
5	C06	Alum grating and 316 SST Rebate @ 23' 0" x 43' 0" opening with aluminum support beams.	1	Ea	
6	C06	Alum grating and 316 SST Sump rebate @ 24"x24" opening.	1	Ea	
7	25-D-200	Galvanized pipe strap for a 48" pipe.	4	Ea	
					Lump Sum Price For Items Listed Above
					\$ 88,175.00
					Sales Tax Not Included. Needs to be added
<u>25 FLOW SPLIT (NEW DESIGN)</u>					
7a	25-D-200	Galvanized pipe strap for a 36" pipe.	7	Ea	
7b	25-D-200	Galvanized pipe strap for a 48" pipe.	11	Ea	
					Lump Sum Price For Items Listed Above
					\$ 5,542.00
					Sales Tax Not Included. Needs to be added

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Stanislaus, CA

Bid Date March 15, 2019
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M	
<u>30 FLOCCULATION & SEDIMENTATION</u>					
8	30-R-002	Aluminum 3 line sub assembled handrail	1400	l.f.	
9	30-S-2010	Alum grtg & 316 SST Rebate @ 5'-0" x 18'-0" opening.	1	Ea	
10	30-S-2010	Alum grtg & 316 SST Rebate @ 5'-0" x 8'-0" opening.	2	Ea	
11	30-S-2010	Alum grtg & 316 SST Rebate @ 5'-0" x 47'-0" opening.	2	Ea	
12	30-D-2010	Alum stair approx 15'-2" Tall	3	Ea	
12a	30-D-2010	Galvanized pipe strap for a 24" pipe.	7	Ea	added
12b	30-D-2010	Galvanized pipe strap for a 16" pipe.	4	Ea	added

Lump Sum Price For Items Listed Above \$ 166,450.00
Sales Tax Not Included. Needs to be added

<u>45 FILTERS</u>					
13	45-R-002	Alum stair approx 7'-0" tall.	2	Ea	
14	45-R-002	Alum stair double switch back stair approx 22'-0" tall.	1	Ea	
15	45-R-002	Alum stair double switch back stair approx 27'-0" tall.	1	Ea	
16	45-R-002	Alum stair approx 4'-0" tall.	1	Ea	
17	45-R-002	Alum 3 line sub assembled handrail.	1042	l.f.	
18	45-R-002	Alum grtg & 316 SST Rebate @ 5'-0" x 13'-0" opening.	1	Ea	
19	45-R-002	Alum grtg & 316 SST Rebate @ 5'-0" x 125'-0" opening.	1	Ea	
20	45-D-3006	316 SST 1/4" thick 17" O.D. plate with screen.	16	Ea	
21	45-D-3006	Alum rail mounted hose rack.	8	Ea	

Lump Sum Price For Items Listed Above \$ 215,838.00
Sales Tax Not Included. Needs to be added

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Ln	Sht. No.	Description	Qty.	U/M
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CHEMICAL FACILITY (ADDED)

21a	55-D-200	H.D.G. Access platform and stair with handrail to second floor level to lime storage silo.	1	Ea
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Lump Sum Price For Items Listed Above \$ 39,830.00
Sales Tax Not Included. Needs to be added

50-75 CONTACT BASINS CLEARWELLS FINISHED WATER

22	50-D-2010	Alum weir plate approx 2' 0" x 12' 0".	2	Ea
23	75-D-2000	Galvanized pipe strap for a 36" pipe.	4	Ea
23a	75-D-2000	Galvanized pipe strap for a 24" pipe.	5	Ea
24	75-D-2000	Galvanized pipe strap for a 18" pipe.	4	Ea
24a	75-D-2000	Galvanized pipe strap for a 10" pipe.	3	Ea
25	55-S-5001	304 SST 4' 0" x 4' 0" Roof vent	6	Ea

Lump Sum Price For Items Listed Above \$ 3,104.00
Sales Tax Not Included. Needs to be added

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Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M
<u>60 BACKWASH EQ</u>				
26	60-R-001	Galv stair approx 8'-0" tall.	1	Ea
27	60-R-001	Galv stair approx 3'-6" tall.	1	Ea
28	60-R-001	Galv stair approx 5'-6" tall.	2	Ea
29	60-R-001	Alum platform approx 4'-0" x 42'-3".	2	Ea
30	60-R-001	Alum grtg & 316 SST Rebate @ 7'-0" 20'-0" opening.	1	Ea
31	60-R-002	Alum ladder approx 27'-0" tall with SAF-T-Climb	2	Ea
32	60-S-02	Galv saddle style support for a 18" dia pipe.	2	Ea
33	60-R-002	Alum 2 line sub assembled handrail.	490	l.f.
			Lump Sum Price For Items Listed Above	
			\$ 105,361.00	
Sales Tax Not Included. Needs to be added				
<u>65 DRYING BEDS (4 TOTAL)</u>				
34	440-S-2001	Alum grating and 316 SST rebate for 4'-0" x 4'-0" opening.	4	Ea
35	440-S-2001	Alum 2 line sub assembled handrail.	40	l.f.
			Lump Sum Price For Items Listed Above	
			\$ 9,753.00	
Sales Tax Not Included. Needs to be added				
<u>62 GRAVITY THICKENERS</u>				
36	62-S-01	Alum 2 line sub assembled handrail. Bridge rail excludes.	53	l.f.
37	62-S-03	Galv stair and landing approx 14'-0" tall.	1	Ea
38	62-S-05	Galv walkway between tanks approx 3'-0" x 11'-0".	1	Ea
			Lump Sum Price For Items Listed Above	
			\$ 27,068.00	
Sales Tax Not Included. Needs to be added				

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Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M
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OUTFALL DISCHARGE STRUCTURE

39	RV1	Aluminum ladder approx 14'-0" tall with alum LadderUP.	1	Ea
40	RV1	Galv H-20 grating and galv rebate @ 3'-0" x 6'-0" opening.	1	Ea

Lump Sum Price For Items Listed Above \$ 7,982.00
Sales Tax Not Included. Needs to be added

DECANT VAULT

41	440-S-2001	Alum grating and 316 SST rebate for 4'-0" x 4'-0" opening.	1	Ea
42	440-S-2001	Alum 2 line sub assembled handrail.	10	l.f.

Lump Sum Price For Items Listed Above \$ 9,753.00
Sales Tax Not Included. Needs to be added

RWPS PIGGING STATION

43	C10	Safety Yellow fixed 4" Sch. 40 Bollard @ 7'-0" tall	14	Ea
44	C10	Alum 2 line guardrail.	155	l.f.

Lump Sum Price For Items Listed Above \$ 16,188.00
Sales Tax Not Included. Needs to be added

Tri Star Metals

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Rev 2 (05/14/20)

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Stanislaus, CA

Bid Date March 15, 2019
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M
<u>ISOLATION VALVE/PIGGING STRUCTURE</u>				
45	SM-1	316 SST Platform 6'-0" wide by 24'-0" long by 9'-4" tall with SST grating, (3) SST ladders, 24 l.f. of 3 line SST welded handrail with (3) SST swing gates.	1	Ea
46	SM-1	316 SST grating and 316 SST Sump rebate @ 18"x18" opening.	1	Ea
47	SM-1	316 SST Saddle style pipe support for a 66" pipe.	1	Ea
48	SM-1	316 SST Saddle style pipe support for a 60" pipe.	1	Ea
49	SM-1	316 SST Saddle style pipe support for a 24" pipe.	2	Ea
50	SM-1 & SM-2	316 SST Ladder approx 9'-0" tall with LadderUP.	1	Ea
51	SM-2	316 SST checkerplate & rebate for 5'-0" x 5'-0" opening.	1	Ea
52	SM-2	316 SST checkerplate & rebate for 4'-6" x 9'-6" opening.	1	Ea
53	SM-2	316 SST checkerplate & rebate for 5'-0" x 12'-6" opening.	1	Ea
54	SM-2	316 SST checkerplate & rebate for 8'-0" x 12'-6" opening.	1	Ea

Lump Sum Price For Items Listed Above \$ 179,931.00
Sales Tax Not Included. Needs to be added

SCREEN WALL SUPPORTS

55	Sketch A	H.D.G. Screen wall support consisting of C8x11.5# posts at 8'-0" o.c. and (3) horizontal C5x6.7# between posts.	200	l.f.
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Lump Sum Price For Items Listed Above \$ 26,990.00
Sales Tax Not Included. Needs to be added

Job Total = **\$ 621,273.00**

Does not include items that are crossed out above

Tri Star Metals

Rev 2 (05/14/20)

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Stanislaus, CA

Bid Date March 15, 2019
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M
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Due to manufacturing and fabrication processes used to produce stainless steel a mill finish (as produced) product will have inherit iron contamination as well as discoloration and heat staining. If an iron free uniform appearance is desired we recommend an abrasive blast cleaning, followed by pickling and passivation or an electropolish finish. Mill finish is standard for all stainless steel product orders.

STATE OF CALIFORNIA SMALL BUSINESS CERTIFIED MANUFACTURER NO. 0027190

Included: Shop Drawings and submittal data (Electronic only, hard copies extra)
Hardware which attaches our product only.
Adhesive anchor epoxy (Simpson Set XP)
Delivery to jobsite (12) truckload deliveries, additional loads due to rush orders, early or split deliveries will be billed as extras to the order.
AIS Compliance

Exclusions: Field installation, field measurements, field welding or touch up of coatings
Painting or coatings unless specifically called out above.
Costs of inspection, testing, & preparation.
Engineering or engineers stamped drawings.
Pickling and or passivation of stainless steel if required.
Post cans for aluminum handrail
Stripping on bollards.

Tri Star Metals Standard Terms and Conditions Apply.

Tri Star Metals

8749 Pedrick Rd
Dixon, Ca 95620-9604

Aaron Moynihan Ext. 104

Rev 5 (06/28/21)

Phone (707) 678-1140

Fax (707) 678-1689

Project Name SRWA Regional Surface Water Supply Project
Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M		
<u>05 YARD WORK</u>						
05.1	05-C-2104	3305-955 H.D.G. Removable 6" bollard and 8" sleeve	6	Ea	Breakout=	\$9,782.00
05.2	05-C-2105	3305-954 Painted 6" Fixed bollards for fire hydrant protection.	2	Ea	Breakout=	\$1,256.00
05.3	05-C-2107	3305-954 Painted 6" Fixed bollards for fire hydrant protection.	8	Ea	Breakout=	\$5,024.00
05.4	05-C-2107	3305-954 Painted 6" Fixed bollards for fire department protection.	4	Ea	Breakout=	\$2,512.00
05.5	05-C-2107	3305-954 Painted 6" Fixed bollard for ozone building protection.	2	Ea	Breakout=	\$1,256.00
05.6	05-C-2108	3305-954 Painted 6" Fixed bollards for fire hydrant protection.	6	Ea	Breakout=	\$3,768.00
05.7	05-C-2110	3305-954 Painted 6" Fixed bollards for fire hydrant protection.	4	Ea	Breakout=	\$2,512.00
05.8	05-C-2110	3305-954 Painted 6" Fixed bollards for fire department protection.	2	Ea	Breakout=	\$1,256.00
05.9	05-C-2110	1/05-C-2503 2" Square tube rolled powder coated bike rack.	2	Ea	Breakout=	\$2,400.00
05.10	05-C-2114	3305-954 Painted 6" Fixed bollards for fire hydrant protection.	2	Ea	Breakout=	\$1,256.00
05.11	05-C-2114	3305-954 Painted 6" Fixed bollard for building protection.	3	Ea	Breakout=	\$1,884.00
05.12	05-C-2210	3305-954 Painted 6" Fixed bollard for building protection.	6	Ea	Breakout=	\$3,768.00
05.13	05-C-2211	3305-954 Painted 6" Fixed bollard for building protection.	1	Ea	Breakout=	\$628.00
05.14	05-C-2211	3/05-C-2503 Freestanding handrail @ 9'-0" long. Calcs excluded	1	Ea	Breakout=	\$2,942.00
05.15	05-C-2501	3305-954 Painted 6" Fixed bollard for security box.	2	Ea	Breakout=	\$1,256.00
05.16	05-C-2506	3305-954 Painted 6" Fixed bollard for security box.	2	Ea	Breakout=	\$1,256.00

Lump Sum Price For Item Numbers 05 Listed Above **\$42,756.00**

Sales Tax Not Included. Needs to be added

Tri Star Metals

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Dixon, Ca 95620-9604

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Rev 5 (06/28/21)

Project Name SRWA Regional Surface Water Supply Project
Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M		
<u>15 MAINTENANCE AND REPAIR BUILDING</u>						
15.1	15-S-3001	0559-027 Painted 8" Sch. 40 surface mounted bollard	2	Ea	Breakout=	\$3,747.00
15.2	15-A-1010	3471-810 Painted 6" Sch. 40 fixed bollard.	5	Ea	Breakout=	\$3,140.00
Lump Sum Price For Item Numbers 15 Listed Above						\$6,887.00
Sales Tax Not Included. Needs to be added						
<u>20 RAW WATER PUMP STATION</u>						
20.1	20-S-1010	0552-001 Alum 2 line sub-assembled handrail along 2 stairs.	30	l.f.	Breakout=	\$7,258.00
20.2	20-S-1010	1/20-S-5003 H.D.G. Equipment screen 24'-9" x 18'-0" L-Shape. This is too large to ship in one piece. Field welding or a design change will need to take place. Decking shipped loose.	1	Ea	Breakout=	\$24,022.00
20.3	20-A-1010	3471-810 Painted 6" Sch. 40 fixed bollard.	2	Ea	Breakout=	\$1,256.00
20.4	20-D-1020	2210-720 Aluminum hose rack with galvanized stanchion.	2	Ea	Breakout=	\$1,449.00
20.5	20-D-1020	1/20-D-5001 H.D.G. Pipe support for a 24" diameter pipe.	1	Ea	Breakout=	\$2,134.00
20.6	20-D-1021	None 304 SST 1/2" thick orifice plate with 12" diameter hole.	1	Ea	Breakout=	\$2,759.00

Lump Sum Price For Item Numbers 15 Listed Above **\$38,878.00**

Sales Tax Not Included. Needs to be added

Tri Star Metals

8749 Pedrick Rd
Dixon, Ca 95620-9604

Aaron Moynihan Ext. 104

Phone (707) 678-1140

Fax (707) 678-1689

Rev 5 (06/28/21)

Project Name SRWA Regional Surface Water Supply Project
Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M		
<u>26 RW OUTFALL STRUCTURE (Quoted 8/11/21)</u>						
26.1a	26-S-1010	Various 0514 Aluminum grating & support beams at 8'-0"x25'-0" opening.	1	Ea	Breakout=	\$18,036.00
26.1b	26-S-1010	Various 0514 316 SST rebate for grating at 8'-0"x25'-0" opening	1	Ea	Breakout=	\$4,225.00
26.2a	26-S-1010	Various 0514 Aluminum grating at 2'-0"x2'-0" sump opening.	1	Ea	Breakout=	\$652.00
26.2b	26-S-1010	Various 0514 316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$1,492.00
26.3	26-S-1010	0551-142 316 SST ladder approx 12'-6" tall with 304 SST LadderUp.	1	Ea	Breakout=	\$8,177.00
*26.4	26-S-1010	0551-142 Alum ladder approx 5'-0" tall.	1	Ea	Breakout=	\$3,414.00
26.5	26-S-1010	0552-001 Alum 2 line sub-assembled handrail.	86	l.f.	Breakout=	\$9,470.00

Lump Sum Price For Item Numbers 26 Listed Above **\$45,466.00**

Sales Tax Not Included. Needs to be added

28 RAPID MIX

28.1	28-S-1010	0330-061 H.D.G. Pipe strap for a 24" pipe.	4	Ea	}	\$2,249.00
28.2	28-S-1010	0330-061 H.D.G. Pipe strap for a 16" pipe.	4	Ea		

Lump Sum Price For Item Numbers 28 Listed Above **\$2,249.00**

Sales Tax Not Included. Needs to be added

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Bid Date December 14, 2021
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Ln	Sht. No.	Description	Qty.	U/M		
<u>30 FLOCCULATION SEDIMENTATION BASINS</u>						
30.1	30-S-1010	0551-041 H.D.G. Stair and landings approx 18'-0" tall.	3	Ea	Breakout=	\$85,728.00
30.2	30-S-1010	0551-142 316 SST Ladder approx 20'-0" tall without SAF-T-Climb.	2	Ea	Breakout=	\$14,844.00
30.3a	30-S-1020	0553-001 316 SST rebate for grating at 6'-0" x 50'-0" opening.	2	Ea	Breakout=	\$26,378.00
30.3b	30-S-1020	0553-001 Alum grating @ 6'-0" x 50'-0" opening. No supports included.	2	Ea	Breakout=	\$49,576.00
30.4	30-S-1020	0552-001 Alum 2 line sub-assembled handrail	1241	l.f.	Breakout=	\$87,685.00
30.5	30-P-1020	2210-720 Alum rail mounted hose rack.	5	Ea	Breakout=	\$2,448.00
30.6	30-D-1010	1/30-D-3001 316 SST Baffle plate assembly.	2	Ea	Breakout=	\$10,836.00

Lump Sum Price For Item Numbers 30 Listed Above **\$277,495.00**

Sales Tax Not Included. Needs to be added

40 OZONE BUILDING

40.1	40-P-1010	2210-720 Aluminum hose rack with galvanized stanchion.	1	Ea	Breakout=	\$921.00
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Lump Sum Price For Item Numbers 40 Listed Above **\$921.00**

Sales Tax Not Included. Needs to be added

Tri Star Metals

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Bid Date December 14, 2021
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Ln	Sht. No.	Description	Qty.	U/M		
<u>45 OZONE CONTACTORS AND FILTERS</u>						
45.1	45-S-1010	3/45-S-4002 H.D.G. Switchback stair and landing 20'-10" tall.	1	Ea	}	\$127,574.00
45.2	45-S-1010	1/45-S-4002 H.D.G. Stair and landing 8'-5" tall.	1	Ea		
45.3	45-S-1010	2/45-S-4002 H.D.G. Stair and landing 11'-9" tall.	1	Ea		
45.4	45-S-1010	1/45-S-4003 H.D.G. Switchback stair and landings 20'-6 3/4" tall.	1	Ea	}	\$5,083.00
45.5	45-S-1010	0330-061 H.D.G. Pipe strap for a 16" pipe.	8	Ea		
45.6	45-S-1010	0330-061 H.D.G. Pipe strap for a 20" pipe.	4	Ea		
45.7	45-S-1010	0330-061 H.D.G. Pipe strap for a 30" pipe.	4	Ea	}	\$20,175.00
45.8	45-S-1010	0330-061 H.D.G. Pipe strap for a 36" pipe.	4	Ea		
45.9a	45-S-1010	05533-001 Alum grating at T-Shaped trench and sump.	1	Ea		
45.9b	45-S-1010	05533-001 316 SST rebate for T-Shaped trench grating and sump.	1	Ea	Breakout=	\$16,603.00
45.10	45-S-1012	0551-142 316 SST Ladder approx 8'-0" tall with 304 SST LadderUP.	2	Ea	Breakout=	\$12,536.00
45.11a	45-S-1012	6/45-S-5002 316 SST grating with chk'r plate top @ 4'-0" x 8'-0" opening.	2	Ea	}	\$28,862.00
45.11b	45-S-1012	05533-001 316 SST shelf angles for grating @ 4'-0" x 8'-0" opening.	2	Ea		
45.12	45-S-1012	0552-001 Alum Sub-Assembled handrail	1,276	l.f.	Breakout=	\$75,998.00
45.13	45-S-1020	4/45-S-4002 Alum Stair 1'-9" tall.	3	Ea	Breakout=	\$10,795.00
45.14a	45-S-1020	0554-001 Alum Checkerplate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$6,191.00
45.14b	45-S-1020	0554-001 316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$4,614.00
45.15a	45-S-1020	0554-001 Alum Checkerplate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$3,311.00
45.15b	45-S-1020	0554-001 316 SST rebate for chk'r plate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$2,808.00
45.16a	45-S-1020	0554-001 Alum Checkerplate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$12,898.00
45.16b	45-S-1020	0554-001 316 SST rebate for chk'r plate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$9,696.00
45.17a	45-S-1020	12/45-S-5001 Alum Checkerplate @ 4'-0" x 8'-1" opening.	1	Ea	}	\$16,305.00
45.17b	45-S-1020	12/45-S-5001 316 SST Shelf angles for chk'r plate @ 4'-0" x 8'-1" opening.	1	Ea		
45.18a	45-S-1020	12/45-S-5001 Alum Checkerplate @ 4'-0" x 6'-6" opening.	1	Ea		

Tri Star Metals

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Project Name SRWA Regional Surface Water Supply Project
Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M		
45.18b	45-S-1020	12/45-S-5001 316 SST Shelf angles for chk'r plate @ 4'-0" x 6'-6" opening.	1	Ea		
45.19	45-S-1020	10/45-S-5001 316 SST 3/4"x15"x24" Embed plate with welded studs	10	Ea	Breakout=	\$7,594.00
45.20	45-S-1020	9/45-S-5001 H.D.G. 3/8" Bent plate decking support @ 126'-2" long, provided in 8'-0" long maximum lengths	1	Ea	}	\$18,170.00
45.21	45-S-1020	9/45-S-5001 H.D.G. 3/8" Bent plate decking support @ 44'-9" long, provided in 8'-0" long maximum lengths	1	Ea		
45.22	45-S-1022	05533-001 Alum grating @ 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$1,903.00
45.23	45-S-1022	05533-001 316 SST rebate & shelf angle for 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$2,444.00
45.24	45-S-1022	1/45-S-4001 316 SST Overflow box 14'-0" long, 2'-0" wide, 4'-0" tall.	1	Ea	Breakout=	\$61,746.00
45.25	45-D-1021	1/45-D-1021 316 SST 1/4" x 17" OD x 8" ID pair of plates with a woven wire mesh sandwiched in between	8	Ea	Breakout=	\$9,965.00
45.26	45-D-5002	0330-061 H.D.G. Pipe strap for a 24" pipe.	1	Ea	Breakout=	\$801.00

Lump Sum Price For Item Numbers 45 Listed Above **\$456,072.00**
Sales Tax Not Included. Needs to be added

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Stanislaus, CA

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Ln	Sht. No.	Description	Qty.	U/M		
<u>55 CHEMICAL STORAGE AND FEED BUILDING</u>						
55.1	55-S-1011	1/55-S-4001 H.D.G. L-Shaped stair, landings, and handrail 10'-10 1/2" tall.	1	Ea	Breakout=	\$44,298.00
55.2a	55-S-1011	0553-001 Aluminum grating at 2'-0"x2'-0" sump opening. Trench excluded	1	Ea	Breakout=	\$652.00
55.2b	55-S-1011	0553-001 316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$1,492.00
55.3a	55-S-1012	0553-001 Aluminum grating at 2'-0"x2'-0" sump opening.	1	Ea	Breakout=	\$652.00
55.3b	55-S-1012	0553-001 316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$1,492.00
55.4	55-S-1012	2/55-S-4001 H.D.G. Stair, landing, and handrail 3'-0" tall.	1	Ea	Breakout=	\$13,169.00
55.5a	55-S-1012	0553-001 Aluminum grating at 4'-0"x35'-0" opening.	1	Ea	Breakout=	\$14,776.00
55.5b	55-S-1012	0553-001 316 SST rebate for grating at 4'-0"x35'-0" opening	1	Ea	Breakout=	\$5,244.00
55.6a	55-S-1012	0553-001 H.D.G. heavy duty grating at 3'-0"x3'-0" opening.	1	Ea	Breakout=	\$3,418.00
55.6b	55-S-1012	0553-001 316 SST rebate for grating at 3'-0"x3'-0" opening	1	Ea	Breakout=	\$3,111.00
55.7	55-P-1010	2210-720 Aluminum hose rack with galvanized stanchion.	4	Ea	}	\$3,708.00
55.8	55-P-1010	2210-720 Alum Wall mounted hose rack.	2	Ea		

Lump Sum Price For Item Numbers 55 Listed Above **\$92,012.00**
Sales Tax Not Included. Needs to be added

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Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M		
<u>60 BACKWASH EQ (Quoted 7/9/21)</u>						
60.1	60-S-1010	0551-142 316 SST Ladder 27'-0" tall with SAF-T-Climb.	2	Ea	Breakout =	\$29,085.00
60.2a	60-S-1020	0554-001 Alum Checkerplate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$2,087.00
60.2b	60-S-1020	0554-001 316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$1,656.00
60.3	60-S-1020	2/60-S-5001 Alum walkway with grating top at 5'-0" wide by 25'-0" long.	2	Ea	Breakout =	\$32,132.00
60.4	60-S-1020	1/60-S-4002 Aluminum stair & landing approx 5.17' tall.	1	Ea	}	\$26,970.00
60.5	60-S-1020	2/60-S-4002 Aluminum stair & landing approx 3.00' tall.	1	Ea		
60.6	60-S-1020	3/60-S-4002 Aluminum stair & landing approx 3.00' tall.	1	Ea		
60.7a	60-S-4001	4/60-S-5001 Alum alternating tread stair approx 5.00' tall.	1	Ea	}	\$761.00
60.7b	60-S-4001	3/60-S-5001 Embedded plate for Alum alternating tread stair approx 5.00' tall	1	Ea		
60.8	60-S-1020	0552-001 Alum 2 line sub-assembled handrail.	511	l.f.	Breakout =	\$31,171.00
60.9a	60-S-4001	Various 0514 Alum grating, & support beams at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$29,805.00
60.9b	60-S-4001	Various 0514 316 SST rebate for grating at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$6,754.00
60.10	60-P-1010	2210-720 Alum Wall mounted hose rack.	3	Ea	}	\$2,922.00
60.11	60-P-1010	2210-720 Alum Rail mounted hose rack.	1	Ea		

Lump Sum Price For Item Numbers 60 Listed Above **\$163,343.00**

Sales Tax Not Included. Needs to be added

75 FINISHED WATER PUMP STATION

75.1a	75-S-1010	0553-001 Aluminum grating at sump and trench opening.	1	Ea	Breakout =	\$3,540.00
75.1b	75-S-1010	0553-001 316 SST rebate for grating at 3'-0"x3'-0" sump and trench.	1	Ea	Breakout =	\$4,287.00

Lump Sum Price For Item Numbers 75 Listed Above **\$7,827.00**

Sales Tax Not Included. Needs to be added

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Project Name SRWA Regional Surface Water Supply Project
Stanislaus, CA

Bid Date December 14, 2021
Estimate No. 7771

Ln	Sht. No.	Description	Qty.	U/M	
					Job Total
					\$1,133,906.00

Due to manufacturing and fabrication processes used to produce stainless steel a mill finish (as produced) product will have inherit iron contamination as well as discoloration and heat staining. If an iron free uniform appearance is desired we recommend an abrasive blast cleaning, followed by pickling and passivation or an electropolish finish. Mill finish is standard for all stainless steel product orders.

STATE OF CALIFORNIA SMALL BUSINESS CERTIFIED MANUFACTURER NO. 0027190

Included: Shop Drawings and submittal data (Electronic only, hard copies extra)
Hardware which attaches our product only.
Adhesive anchor epoxy (Simpson Set XP)
Delivery to jobsite (40) truckload deliveries, additional loads due to rush orders, early or split deliveries will be billed as extras to the order.
AIS Compliance

Exclusions: Field installation, field measurements, field welding or touch up of coatings
Painting or coatings unless specifically called out above.
Costs of inspection, testing, & preparation.
Engineering or engineers stamped drawings.
Pickling and or passivation of stainless steel if required.
Post cans for aluminum handrail
Stripping on bollards.

Tri Star Metals Standard Terms and Conditions Apply.

Item No. 2, Attachment 5
Cost Records



CONTRACT PURCHASE ORDER



200 Parr Boulevard, Richmond, CA 94801

p 510-234-0926 f 510-237-2435 www.overaa.com



Number **3474-205**

Job No. **3474-SRWA Water Treatment Plant**

Date: **02/22/22**

To: Aaron Moynihan - aaron@tsmfab.com
Tri Star Metals Inc.
8749 Pedrick Road
Dixon, CA 95620-9604

Jobsite: 3474-SRWA Water Treatment Plant
1235 Aldrich Rd.
Hughson, CA 95326

Phone: 707.678.1140
Fax: 707.678.1689

Ship To: Jobsite

Targeted Delivery Date By: April 1, 2022	Ship Via: Best Way	Delivery Point: Jobsite	Terms: Net 30 days
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Miscellaneous Metals and Hand Rail, Specifically includes, but is not limited to, Specification Section: 05 50 00 & 05 52 16. Please refer to attachment A.

General Terms:

NET 30

1. Payment Terms: ~~10% for submitted approval, 80% for equipment delivery, and 10% for Engineer's approval.~~ RJ
2. California Sales Tax to be listed as a separate line item on supplier's invoice.
3. Submittals: Submit one (1) electronic of shop drawings, literature and calculations, as specified.
4. Delivery: Jobsite receiving hours are between 8:00 AM and 2:00 PM. Contact, Project Superintendent @ (510) 234 - 0926 to coordinate.
5. Delivery lead time is ~~2-3 weeks after approved submittals.~~ **As agreed upon at time of release.** RJ
6. Supplier shall provide a bi weekly update, via email, on status of submittals and delivery to, Project Manager, at isaiasv@overaa.com
7. Installation and startup service per Specification.
8. Spare parts and special tools as specified.
9. Factory coated as specified.
10. Seismic anchorage design calculations as specified.
11. Purchase order for stated scope of work is based on 100% Issued for Construction drawings and specifications dated 9/21/21.
12. AIS Certifications as specified, for all supplied material.

Please contact the main office to check availability of hard copies of plans and specifications. Project Plans and Specifications are available for download via Egnyte. Please contact Robin Hansen robinh@overaa.com to receive an email link for access to project documents.

Description	Amount
Material Cost	\$936,018.00
Sales Tax @ 7.875%	\$73,711.42
Startup Training (no tax)	N/A
Freight	Included

(Phase Code: 055000-000-014) **Total: \$1,009,729.42**

Tri Star Metals Inc.
VENDOR

By: Marilyn Nash 04/13/2022
signature

C. OVERAA & CO.

BUYER

By: Nicholas Kebbas
signature

Digitally signed by Nicholas Kebbas
DN: cn=Nicholas Kebbas, o=C. Overaa & Co., ou, email=nickk@overaa.com, c=US
Date: 2022.04.14 08:58:17 -07'00'

Contractor's License No. 106793

By signing above, Vendor agrees to the terms and conditions of this purchase order. Return signed purchase order within 7 days. Fully executed copy will be returned for your files.

**Item No. 2, Attachment 5
Cost Records**

Attachment A

Ln	Sht. No.	Description	Qty.	U/M		
05 YARD WORK						
05.1	05-C-2104	3305-955	H.D.G. Removable 6" bollard and 8" sleeve	6	Ea	Breakout= \$9,782.00
05.2	05-C-2105	3305-954	Painted 6" Fixed bollards for fire hydrant protection.	2	Ea	Breakout= \$1,256.00
05.3	05-C-2107	3305-954	Painted 6" Fixed bollards for fire hydrant protection.	8	Ea	Breakout= \$5,024.00
05.4	05-C-2107	3305-954	Painted 6" Fixed bollards for fire department protection.	4	Ea	Breakout= \$2,512.00
05.5	05-C-2107	3305-954	Painted 6" Fixed bollard for ozone building protection.	2	Ea	Breakout= \$1,256.00
05.6	05-C-2108	3305-954	Painted 6" Fixed bollards for fire hydrant protection.	6	Ea	Breakout= \$3,768.00
05.7	05-C-2110	3305-954	Painted 6" Fixed bollards for fire hydrant protection.	4	Ea	Breakout= \$2,512.00
05.8	05-C-2110	3305-954	Painted 6" Fixed bollards for fire department protection.	2	Ea	Breakout= \$1,256.00
05.9	05-C-2110	1/05-C-2503	2" Square tube rolled powder coated bike rack.	2	Ea	Breakout= \$2,400.00
05.10	05-C-2114	3305-954	Painted 6" Fixed bollards for fire hydrant protection.	2	Ea	Breakout= \$1,256.00
05.11	05-C-2114	3305-954	Painted 6" Fixed bollard for building protection.	3	Ea	Breakout= \$1,884.00
05.12	05-C-2210	3305-954	Painted 6" Fixed bollard for building protection.	6	Ea	Breakout= \$3,768.00
05.13	05-C-2211	3305-954	Painted 6" Fixed bollard for building protection.	1	Ea	Breakout= \$628.00
05.14	05-C-2211	3/05-C-2503	Freestanding handrail @ 9'-0" long. Calcs excluded	1	Ea	Breakout= \$2,942.00
05.15	05-C-2501	3305-954	Painted 6" Fixed bollard for security box.	2	Ea	Breakout= \$1,256.00
05.16	05-C-2506	3305-954	Painted 6" Fixed bollard for security box.	2	Ea	Breakout= \$1,256.00

Lump Sum Price For Item Numbers 05 Listed Above **\$42,756.00**

15 MAINTENANCE AND REPAIR BUILDING						
15.1	15-S-3001	0559-027	Painted 8" Sch. 40 surface mounted bollard	2	Ea	Breakout= \$3,747.00
15.2	15-A-1010	3471-810	Painted 6" Sch. 40 fixed bollard.	5	Ea	Breakout= \$3,140.00

Lump Sum Price For Item Numbers 15 Listed Above **\$6,887.00**

20 RAW WATER PUMP STATION						
20.1	20-S-1010	0552-001	Alum 2 line sub-assembled handrail along 2 stairs.	30	l.f.	Breakout= \$7,258.00
20.2	20-S-1010	1/20-S-5003	H.D.G. Equipment screen 24'-9" x 18'-0" L-Shape. This is too large to ship in one piece. Field welding or a design change will need to take place. Decking shipped loose.	1	Ea	Breakout= \$24,022.00
20.3	20-A-1010	3471-810	Painted 6" Sch. 40 fixed bollard.	2	Ea	Breakout= \$1,256.00
20.4	20-D-1020	2210-720	Aluminum hose rack with galvanized stanchion.	2	Ea	Breakout= \$1,449.00
20.5	20-D-1020	1/20-D-5001	H.D.G. Pipe support for a 24" diameter pipe.	1	Ea	Breakout= \$2,134.00
20.6	20-D-1021	None	304 SST 1/2" thick orifice plate with 12" diameter hole.	1	Ea	Breakout= \$2,759.00

Lump Sum Price For Item Numbers 20 Listed Above **\$38,878.00**

26 RW OUTFALL STRUCTURE						
26.1a	26-S-1010	Various 0514	Aluminum grating & support beams at 8'-0"x25'-0" opening with locking bars at (2) areas.	1	Ea	Breakout= \$19,173.00
<i>26.1a</i>	<i>26-S-1010</i>	<i>Various 0514</i>	<i>Aluminum grating & support beams at 8'-0"x25'-0" opening with locking bars at (2) areas.</i>			<i>(\$19,173.00)</i>
26.1b	26-S-1010	Various 0514	316 SST rebate for grating at 8'-0"x25'-0" opening	1	Ea	Breakout= \$4,225.00
<i>26.1b</i>	<i>26-S-1011</i>	<i>Various 0515</i>	<i>316 SST rebate for grating at 8'-0"x25'-0" opening</i>	<i>1</i>	<i>Ea</i>	<i>Breakout= (\$4,225.00)</i>
26.1c	26-S-1010	5/26-S-5001	316 SST Locking bar embed.	2	Ea	Breakout= \$214.00
<i>26.1c</i>	<i>26-S-1011</i>	<i>5/26-S-5002</i>	<i>316 SST Locking bar embed.</i>	<i>3</i>	<i>Ea</i>	<i>Breakout= (\$214.00)</i>
26.2a	26-S-1010	Various 0514	Aluminum grating at 2'-0"x2'-0" sump opening.	1	Ea	Breakout= \$652.00
<i>26.2a</i>	<i>26-S-1011</i>	<i>Various 0515</i>	<i>Aluminum grating at 2'-0"x2'-0" sump opening.</i>	<i>1</i>	<i>Ea</i>	<i>Breakout= (\$652.00)</i>
26.2b	26-S-1010	Various 0514	316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout= \$1,492.00
<i>26.2b</i>	<i>26-S-1011</i>	<i>Various 0515</i>	<i>316 SST rebate for grating at 2'-0"x2'-0" sump opening</i>	<i>2</i>	<i>Ea</i>	<i>Breakout= (\$1,492.00)</i>
26.3	26-S-1010	0551-142	316 SST ladder approx 12'-6" tall with 304 SST LadderUp.	1	Ea	Breakout= \$8,177.00
<i>27.3</i>	<i>26-S-1011</i>	<i>0551-143</i>	<i>316 SST ladder approx 12'-6" tall with 304 SST LadderUp.</i>	<i>2</i>	<i>Ea</i>	<i>Breakout= (\$8,177.00)</i>
*26.4	26-S-1010	0551-142	Alum ladder approx 5'-0" tall.	1	Ea	Breakout= \$2,048.00
<i>*26.4</i>	<i>26-S-1011</i>	<i>0551-143</i>	<i>Alum ladder approx 5'-0" tall.</i>	<i>2</i>	<i>Ea</i>	<i>Breakout= (\$3,414.00)</i>
26.5	26-S-1010	0552-001	Alum 2 line sub-assembled handrail.	86	l.f.	Breakout= \$9,470.00
<i>27.5</i>	<i>26-S-1011</i>	<i>0552-002</i>	<i>Alum 2 line sub-assembled handrail.</i>	<i>87</i>	<i>l.f.</i>	<i>Breakout= (\$9,470.00)</i>
26.6	26-S-1010	4/26-S-5001	316 SST Trash rack at overflow opening.	4	Ea	Breakout= \$12,287.00

Lump Sum Price For Item Numbers 26 Listed Above **\$10,921.00**

**Item No. 2, Attachment 5
Cost Records**

28 RAPID MIX

28.1	28-S-1010	0330-061	H.D.G. Pipe strap for a 24" pipe.	4	Ea	}	\$2,249.00
28.2	28-S-1010	0330-061	H.D.G. Pipe strap for a 16" pipe.	4	Ea		

Lump Sum Price For Item Numbers 28 Listed Above **\$2,249.00**

30 FLOCCULATION SEDIMENTATION BASINS

30.1	30-S-1010	0551-041	H.D.G. Stair and landings approx 18'-0" tall.	3	Ea	Breakout=	\$85,728.00
30.2	30-S-1010	0551-142	316 SST Ladder approx 20'-0" tall without SAF-T-Climb.	2	Ea	Breakout=	\$14,844.00
30.3a	30-S-1020	0553-001	316 SST rebate for grating at 6'-0" x 50'-0" opening.	2	Ea	Breakout=	\$26,378.00
30.3b	30-S-1020	0553-001	Alum grating @ 6'-0" x 50'-0" opening. No supports included.	2	Ea	Breakout=	\$49,576.00
30.4	30-S-1020	0552-001	Alum 2 line sub-assembled handrail	1241	l.f.	Breakout=	\$87,685.00
30.5	30-P-1020	2210-720	Alum rail mounted hose rack.	5	Ea	Breakout=	\$2,448.00
30.6	30-D-1010	1/30-D-3001	316 SST Baffle plate assembly.	2	Ea	Breakout=	\$10,836.00

Lump Sum Price For Item Numbers 30 Listed Above **\$277,495.00**

40 OZONE BUILDING

40.1	40-P-1010	2210-720	Aluminum hose rack with galvanized stanchion.	1	Ea	Breakout=	\$921.00
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Lump Sum Price For Item Numbers 40 Listed Above **\$921.00**

Sales Tax Not Included. Needs to be added

45 OZONE CONTACTORS AND FILTERS

45.1	45-S-1010	3/45-S-4002	H.D.G. Switchback stair and landing 20'-10" tall.	1	Ea	}	\$127,574.00
45.2	45-S-1010	1/45-S-4002	H.D.G. Stair and landing 8'-5" tall.	1	Ea		
45.3	45-S-1010	2/45-S-4002	H.D.G. Stair and landing 11'-9" tall.	1	Ea	}	\$5,083.00
45.4	45-S-1010	1/45-S-4003	H.D.G. Switchback stair and landings 20'-6 3/4" tall.	1	Ea		
45.5	45-S-1010	0330-061	H.D.G. Pipe strap for a 16" pipe.	8	Ea		
45.6	45-S-1010	0330-061	H.D.G. Pipe strap for a 20" pipe.	4	Ea		
45.7	45-S-1010	0330-061	H.D.G. Pipe strap for a 30" pipe.	4	Ea	}	\$28,862.00
45.8	45-S-1010	0330-061	H.D.G. Pipe strap for a 36" pipe.	4	Ea		
45.9a	45-S-1010	05533-001	Alum grating at T-Shaped trench and sump.	1	Ea	Breakout=	\$20,175.00
45.9b	45-S-1010	05533-001	316 SST rebate for T-Shaped trench grating and sump.	1	Ea	Breakout=	\$16,603.00
45.10	45-S-1012	0551-142	316 SST Ladder approx 8'-0" tall with 304 SST LadderUP.	2	Ea	Breakout=	\$12,536.00
45.11a	45-S-1012	6/45-S-5002	316 SST grating with chk'r plate top @ 4'-0" x 8'-0" opening.	2	Ea	}	\$28,862.00
45.11b	45-S-1012	05533-001	316 SST shelf angles for grating @ 4'-0" x 8'-0" opening.	2	Ea		
45.12	45-S-1012	0552-001	Alum Sub-Assembled handrail	1,276	l.f.	Breakout=	\$75,998.00
45.13	45-S-1020	4/45-S-4002	Alum Stair 1'-9" tall.	3	Ea	Breakout=	\$10,795.00
45.14a	45-S-1020	0554-001	Alum Checkerplate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$6,191.00
45.14b	45-S-1020	0554-001	316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	3	Ea	Breakout =	\$4,614.00
45.15a	45-S-1020	0554-001	Alum Checkerplate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$3,311.00
45.15b	45-S-1020	0554-001	316 SST rebate for chk'r plate @ 1'-6" x 3'-0" opening.	2	Ea	Breakout =	\$2,808.00
45.16a	45-S-1020	0554-001	Alum Checkerplate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$12,898.00
45.16b	45-S-1020	0554-001	316 SST rebate for chk'r plate @ 4'-0" x 3'-0" opening.	6	Ea	Breakout =	\$9,696.00
45.17a	45-S-1020	12/45-S-5001	Alum Checkerplate @ 4'-0" x 8'-1" opening.	1	Ea	}	\$16,305.00
45.17b	45-S-1020	12/45-S-5001	316 SST Shelf angles for chk'r plate @ 4'-0" x 8'-1" opening.	1	Ea		
45.18a	45-S-1020	12/45-S-5001	Alum Checkerplate @ 4'-0" x 6'-6" opening.	1	Ea		
45.18b	45-S-1020	12/45-S-5001	316 SST Shelf angles for chk'r plate @ 4'-0" x 6'-6" opening.	1	Ea		
45.19	45-S-1020	10/45-S-5001	316 SST 3/4"x15"x24" Embed plate with welded studs	10	Ea	Breakout=	\$7,594.00

**Item No. 2, Attachment 5
Cost Records**

45.20			H.D.G. 3/8" Bent plate decking support @ 126'-2" long, provided in 8'-0" long maximum lengths	1	Ea		\$18,170.00
45.21	45-S-1020	9/45-S-5001	H.D.G. 3/8" Bent plate decking support @ 44'-9" long, provided in 8'-0" long maximum lengths	1	Ea		
45.22	45-S-1022	05533-001	Alum grating @ 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$1,903.00
45.23	45-S-1022	05533-001	316 SST rebate & shelf angle for 4'-0"x4'-0" opening.	1	Ea	Breakout=	\$2,444.00
45.24	45-S-1022	1/45-S-4001	316 SST Overflow box 14'-0" long, 2'-0" wide, 4'-0" tall.	1	Ea	Breakout=	\$61,746.00
45.25	45-D-1021	1/45-D-1021	316 SST 1/4" x 17" OD x 8" ID pair of plates with a woven wire mesh sandwiched in between	8	Ea	Breakout=	\$9,965.00
45.26	45-D-5002	0330-061	H.D.G. Pipe strap for a 24" pipe.	1	Ea	Breakout=	\$801.00

Lump Sum Price For Item Numbers 45 Listed Above **\$456,072.00**

55 CHEMICAL STORAGE AND FEED BUILDING

55.1	55-S-1011	1/55-S-4001	H.D.G. L-Shaped stair, landings, and handrail 10'-10 1/2" tall.	1	Ea	Breakout=	\$44,298.00
55.2a	55-S-1011	0553-001	Aluminum grating at 2'-0"x2'-0" sump opening. Trench excluded.	1	Ea	Breakout=	\$652.00
55.2b	55-S-1011	0553-001	316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$1,492.00
55.3a	55-S-1012	0553-001	Aluminum grating at 2'-0"x2'-0" sump opening.	1	Ea	Breakout=	\$652.00
55.3b	55-S-1012	0553-001	316 SST rebate for grating at 2'-0"x2'-0" sump opening	1	Ea	Breakout=	\$1,492.00
55.4	55-S-1012	2/55-S-4001	H.D.G. Stair, landing, and handrail 3'-0" tall.	1	Ea	Breakout=	\$13,169.00
55.5a	55-S-1012	0553-001	Aluminum grating at 4'-0"x35'-0" opening.	1	Ea	Breakout=	\$14,776.00
55.5b	55-S-1012	0553-001	316 SST rebate for grating at 4'-0"x35'-0" opening	1	Ea	Breakout=	\$5,244.00
55.6a	55-S-1012	0553-001	H.D.G. heavy duty grating at 3'-0"x3'-0" opening.	1	Ea	Breakout=	\$3,418.00
55.6b	55-S-1012	0553-001	316 SST rebate for grating at 3'-0"x3'-0" opening	1	Ea	Breakout=	\$3,111.00
55.7	55-P-1010	2210-720	Aluminum hose rack with galvanized stanchion.	4	Ea		\$3,708.00
55.8	55-P-1010	2210-720	Alum Wall mounted hose rack.	2	Ea		

Lump Sum Price For Item Numbers 55 Listed Above **\$92,012.00**

60 BACKWASH EQ (Quoted 7/9/21)

60.1	60-S-1010	0551-142	316 SST Ladder 27'-0" tall with SAF-T-Climb.	2	Ea	Breakout =	\$29,085.00
<i>60.1</i>	<i>60-S-1010</i>	<i>0551-142</i>	<i>316 SST Ladder 27'-0" tall with SAF-T-Climb.</i>	<i>2</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$29,085.00)</i>
60.2a	60-S-1020	0554-001	Alum Checkerplate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$2,087.00
<i>60.2a</i>	<i>60-S-1020</i>	<i>0554-001</i>	<i>Alum Checkerplate @ 3'-0" x 3'-0" opening.</i>	<i>1</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$2,087.00)</i>
60.2b	60-S-1020	0554-001	316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.	1	Ea	Breakout =	\$1,656.00
<i>60.2b</i>	<i>60-S-1020</i>	<i>0554-001</i>	<i>316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.</i>	<i>1</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$1,656.00)</i>
60.3	60-S-1020	2/60-S-5001	Alum walkway with grating top at 5'-0" wide by 25'-0" long.	2	Ea	Breakout =	\$32,132.00
<i>60.3</i>	<i>60-S-1020</i>	<i>2/60-S-5001</i>	<i>Alum walkway with grating top at 5'-0" wide by 25'-0" long.</i>	<i>2</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$32,132.00)</i>
60.4	60-S-1020	1/60-S-4002	Aluminum stair & landing approx 5.17' tall.	1	Ea		
60.5	60-S-1020	2/60-S-4002	Aluminum stair & landing approx 3.00' tall.	1	Ea		\$26,970.00
60.6	60-S-1020	3/60-S-4002	Aluminum stair & landing approx 3.00' tall.	1	Ea		
60.7a	60-S-4001	4/60-S-5001	Alum alternating tread stair approx 5.00' tall.	1	Ea		
<i>60.4</i>	<i>60-S-1020</i>	<i>1/60-S-4002</i>	<i>Aluminum stair & landing approx 5.17' tall.</i>	<i>1</i>	<i>Ea</i>		
<i>60.5</i>	<i>60-S-1020</i>	<i>2/60-S-4002</i>	<i>Aluminum stair & landing approx 3.00' tall.</i>	<i>1</i>	<i>Ea</i>		<i>(\$26,970.00)</i>
<i>60.6</i>	<i>60-S-1020</i>	<i>3/60-S-4002</i>	<i>Aluminum stair & landing approx 3.00' tall.</i>	<i>1</i>	<i>Ea</i>		
<i>60.7a</i>	<i>60-S-4001</i>	<i>4/60-S-5001</i>	<i>Alum alternating tread stair approx 5.00' tall.</i>	<i>1</i>	<i>Ea</i>		
60.7b	60-S-4001	3/60-S-5001	Embedded plate for Alum alternating tread stair approx 5.00' tall.	1	Ea	Breakout =	\$761.00
<i>60.7b</i>	<i>60-S-4001</i>	<i>3/60-S-5001</i>	<i>Embedded plate for Alum alternating tread stair approx 5.00' tall.</i>	<i>1</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$761.00)</i>
60.8	60-S-1020	0552-001	Alum 2 line sub-assembled handrail.	511	l.f.	Breakout =	\$31,171.00
<i>60.8</i>	<i>60-S-1020</i>	<i>0552-001</i>	<i>Alum 2 line sub-assembled handrail.</i>	<i>511</i>	<i>l.f.</i>	<i>Breakout =</i>	<i>(\$31,171.00)</i>
60.9a	60-S-4001	Various 0514	Alum grating, & support beams at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$29,805.00
<i>60.9a</i>	<i>60-S-4001</i>	<i>Various 0514</i>	<i>Alum grating, & support beams at 7'-5"x14'-5 1/2" opening</i>	<i>2</i>	<i>Ea</i>	<i>Breakout =</i>	<i>(\$29,805.00)</i>

**Item No. 2, Attachment 5
Cost Records**

60.9b			16 SST rebate for grating at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	\$6,754.00
60.9b	60-S-4001	Various 0514	316 SST rebate for grating at 7'-5"x14'-5 1/2" opening	2	Ea	Breakout =	(\$6,754.00)
60.10	60-P-1010	2210-720	Alum Wall mounted hose rack.	3	Ea	}	\$2,922.00
60.11	60-P-1010	2210-720	Alum Rail mounted hose rack.	1	Ea		
60.10	60-P-1010	2210-720	Alum Wall mounted hose rack.	3	Ea		(\$2,922.00)
60.11	60-P-1010	2210-720	Alum Rail mounted hose rack.	1	Ea		

Lump Sum Price For Item Numbers 60 Listed Above \$0.00

75 FINISHED WATER PUMP STATION

75.1a	75-S-1010	0553-001	Aluminum grating at sump and trench opening.	1	Ea	Breakout =	\$3,540.00
75.1b	75-S-1010	0553-001	316 SST rebate for grating at 3'-0"x3'-0" sump and trench.	1	Ea	Breakout =	\$4,287.00

Lump Sum Price For Item Numbers 75 Listed Above \$7,827.00

Total	\$936,018.00
Tax	\$73,711.42
Total (Tax included)	\$1,009,729.42



FIELD PURCHASE ORDER

TO:
Tri Star Metals

ATTN: Aaron Moynihan
Phone: (707) 678-1140 Ext. 104

Fax:

Date: 8/30/21
PO No./Job No.:
3474

SRWA Water Treatment Plant
Jobsite Address:
SRWA 1235 Aldrich Road
Hughson CA 95326

SHIP VIA: Best Way	TERMS: NET 30	SHIP TO: See Above
---------------------------	----------------------	---------------------------

LINE	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
60.1	2	Ea	316 SST Ladder 27'-0" tall with SAF-T-Climb. Per		\$29,085.00
60.2a	1	Ea	Alum Checkerplate @ 3'-0" x 3'-0" opening.		\$2,087.00
60.2b	1	Ea	316 SST rebate for chk'r plate @ 3'-0" x 3'-0" opening.		-\$1,656.00
60.3	2	Ea	Alum walkway with grating top at 5'-0" wide by 25'-0" long.		\$32,132.00
60.4	1	Ea	Aluminum stair & landing approx 5.17' tall.		\$26,970.00
60.5	1	Ea	Aluminum stair & landing approx 3.00' tall.		
60.6	1	Ea	Aluminum stair & landing approx 3.00' tall.		
60.7a	1	Ea	Alum alternating tread stair approx 5.00' tall.		
60.7b	1	Ea	Embedded plate for Alum alternating tread stair approx 5.00' tall.		-\$761.00
60.8	511	Ea	Alum 2 line sub-assembled handrail.		\$31,171.00
60.9a	2	Ea	Alum grating, & support beams at 7'-5"x14'-5 1/2" opening		\$29,805.00
60.9b	2	Ea	316 SST rebate for grating at 7'-5"x14'-5 1/2" opening		-\$6,754.00
60.10	3	Ea	Alum Wall mounted hose rack.		\$2,922.00
60.11	1	Ea	Alum Rail mounted hose rack.		
	1	Ea	"Lay out Hand Rail shop drawings" for Back Wash Equalizaiotn Basin (Structure # 60)		-\$3,500
			In accordance with conformed drawings & Specifications. Package 5 dated 6.18.21		



C. OVERAA & CO.

Craftsmanship • Innovation • Proven Results

SUBTOTAL	\$150,672.00
Sales Tax(7.88)	\$11,872.95
FREIGHT	
TOTAL	\$162,544.95
Project Engineer	8/30/2021

BY: Bright Ezeoma

C. Overaa & Co.

Title

Date



200 Parr Boulevard, Richmond, CA 94801

p 510-234-0926 f 510-237-2435 www.overaa.com

To: Tri Star Metals Inc.
8749 Pedrick Road
Dixon, CA 95620-9604

Date: 08/18/2022

Job No.: 3474-SRWA Water Treatment Plant

Contact: Aaron Moynihan
Phone: 707.678.1140
Fax: 707.678.1689
Email: aaron@tsmfab.com

1235 Aldrich Rd.
Hughson, CA 95326

We hereby agree to make the change(s) specified below:

Description	ACO	PCO	Amount
Tri-Star Quote 7771-1: Provide stainless steel Vortex Breaker at Clearwell. Add \$16,425.00.	ICO.34	INT 36	\$17,619.00

Tri-Star Quote 7771-3: Provide stainless steel bug screen at Clearwell
Overflow opening. Add \$1,194.00.

Prices above include Sales Tax at 7.875%.

WE AGREE hereby to make the change(s) specified above at this price:

\$17,619.00

ACCEPTED - The prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated. Subcontractor waives any claim for further adjustments in the Contract Sum and Contract Time related to the above described change in the Work.

SUBCONTRACTOR

C. Overaa & Co.

ACCEPTED _____

SIGNATURE _____

Please sign and return within 7 days.



200 Parr Boulevard, Richmond, CA 94801

p 510-234-0926 f 510-237-2435 www.overaa.com

To: Tri Star Metals Inc.
8749 Pedrick Road
Dixon, CA 95620-9604

Date: 09/16/2022

Job No.: 3474-SRWA Water Treatment Plant

Contact: Aaron Moynihan
Phone: 707.678.1140
Fax: 707.678.1689
Email: aaron@tsmfab.com

1235 Aldrich Rd.
Hughson, CA 95326

We hereby agree to make the change(s) specified below:

Description	ACO	PCO	Amount
Tri-Star Quote No. 7771-2: Provide trench grate and embed frame at Lime Silo.	4.10	EXT 37	\$10,665.00

WE AGREE hereby to make the change(s) specified above at this price:

\$10,665.00

ACCEPTED - The prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated. Subcontractor waives any claim for further adjustments in the Contract Sum and Contract Time related to the above described change in the Work.

SUBCONTRACTOR

C. Overaa & Co.

ACCEPTED _____

SIGNATURE _____

Please sign and return within 7 days.

**SRWA
Uncontrollable Circumstance
Written Report**

Topic	Written Report Information
Impact Item No.:	3
Brief Description:	Iron Fencing
Date Written Report Prepared or Updated:	10/27/22
Revision:	0
Change Type:	Change Due to Uncontrollable Circumstance
Contract References:	Definition of Uncontrollable Circumstance Article 6.2.C – Design-Build Price Adjustments Article 8.3 – Uncontrollable Circumstances – Entitlement to Relief Article 8.4 – Uncontrollable Circumstances – Claims Procedures Article 10.8 Cost Substantiation of Cost Already Performed
Applicable Uncontrollable Circumstance (UC) Definition:	Inclusion 1.d naturally occurring events (except weather conditions normal for the Sites) such as landslides, underground movement, earthquakes, fires, tornadoes, hurricanes, floods, lightning, epidemics (including, expressly, the COVID-19 pandemic), and other acts of God;
Event Which Constitutes UC:	COVID-19 shutdowns, work from home orders
Date Impact First Identified:	2/1/2022
Date Company has knowledge UC is likely to cause entitlement:	7/13/2022
Version of Submittal of Specific Relief Request:	First Submittal of Written Report, not Final
Detailed UC Description:	<p>As the project advanced from 60% Design to 90% Design, the team was notified that Pisor, the original iron fencing subcontractor, will not honor their bid, due to impacts from COVID-19. They informed the team the price will be much more significant and were required to submit a much higher price due material shortage.</p> <p>To mitigate impact, the team elected to explore all mitigation strategies. First the Jacobs' design team re-evaluated materials options and alternate manufacturers. Additionally, Overaa notified the original subcontractor that the scope must be re-bid to other potential subcontractors and materials suppliers.</p>

Topic	Written Report Information
	<p>The iron fencing is scheduled for installation in early to mid-2023 and is not critical to the treatment plant process. Given the nature of this item, Jacobs and Overaa elected to postpone the procurement of fencing and wait for the market to stabilize and correct.</p>
<p>Final Mitigation Strategy:</p>	<p>To mitigate impacts, the team elected to obtain multiple quotes, with a range of options. Based upon the lowest responsible quote from All Steel Fence, Jacobs and Overaa have advanced the options to the Agency and provided two documents under separate cover:</p> <ol style="list-style-type: none"> 1. Technical information on options 2. Pricing comparison of options <p>Jacobs has set a deadline of early December 2022 to make a final determination on path forward. Depending on the final decision, updates to technical documents and contractual appendices may be required</p> <p>Currently this Uncontrollable Circumstance report and attachments are based on the option to use iron fencing at the RSWP site by an alternative manufacturer. If the Agency elects a different option, this Uncontrollable Circumstance report and attachments will be updated.</p>
<p>Applicable DB Contract Article 6.2.C – Base Design-Build Price Adjustments:</p>	<ol style="list-style-type: none"> 1. Adjustment for Change Order: No 2. Adjustment for Uncontrollable Circumstance: Yes 3. Adjustment for Certain Raw Materials Cost Fluctuations: No
<p>UC Costs (\$):</p>	<p>\$151,596.73 (cost delta as quoted) \$170,027.11 (total cost for Overaa)</p> <p>Note the cost assessment for costs due to UC are \$370,085.78. See attached Cost Fluctuation Analysis documentation. The above UC costs of \$170,027.11 are deemed low but reasonable.</p>
<p>UC Total Costs (\$), including bonds, insurances, and fees:</p>	<p>\$191,144.47</p>
<p>UC Time Extension to Schedule (days):</p>	<p>0 days impact to critical path</p>
<p>UC Change to Performance Obligations:</p>	<p>N/A</p>

JACOBS

UC Cost Estimate

SRWA Project
Project No. SRWA2019

UC Impact No. 3
Iron Fencing

UC COST ESTIMATE SUMMARY PAGE				
Description	Qty	Unit	Unit Cost	Total Cost
Direct Costs				
Jacobs Self-Performance	-	ls	\$ -	\$0.00
Process Equipment	-	ls	\$ -	\$0.00
Subcontractors				
General Contractor	1.00	ls	\$ 170,027.11	\$170,027.11
Subtotal Direct Costs				\$170,027.11
Indirect Costs				
General Conditions	-	ls	\$ -	\$0.00
Other Costs	1.00	ls	\$ 1,700.27	\$1,700.27
Bonds & Insurances	1.00	ls	\$ 2,040.33	\$2,040.33
Subtotal Indirect Costs				\$3,740.60
Subtotal Direct & Indirect Costs				\$173,767.70
Fee (Overhead & Profit)	10.0%	%	\$ 173,767.70	\$17,376.77
Design-Builder Contingency	0%	%	\$ 173,767.70	\$0.00
Total Contract Adjustment				\$191,144.47

Item No. 3, Attachment 2
UC Cost Estimate

Project: SRWA
COR Number: UC Impact No. 3
COR Description: Iron Fencing

Item No.	Item Description	Assumption	Takeoff Quantity	Labor Productivity	Labor Cost/Unit	Labor Quantity	Labor Price	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Cost/Unit	Total Amount
01	Direct Costs																	\$ 170,027.11
01.01	Jacobs Self-Performance																	\$ -
	Testing & Special Inspection	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Confined Space Rescue Team	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr Professional, Lead	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ 141.39 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.03	Process Equipment																	\$ -
01.03.01	Process Equipment																	\$ -
		None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.02	Subcontractors																	\$ 170,027.11
01.02.01	General Contractor - Overaa																	\$ 170,027.11
	Credit Original Bid Price		-1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 456,535.20 /ls	\$ (456,535.20)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 456,535.20 /ls	\$ (456,535.20)
	Credit Original Cost Fluctuation Inclusion	Assume materials are 80% of quote. Include 4% escalation on materials.	-1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 14,609.13 /ls	\$ (14,609.13)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 14,609.13 /ls	\$ (14,609.13)
	Final Bid Price		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 622,741.06 /ls	\$ 622,741.06	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 622,741.06 /ls	\$ 622,741.06
	Overaa Bonds & Ins		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 2,273.95 /ls	\$ 2,273.95	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 2,273.95 /ls	\$ 2,273.95
	Overaa Fee		1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 16,156.42 /ls	\$ 16,156.42	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 16,156.42 /ls	\$ 16,156.42
02	Indirect Costs																	\$ 3,740.60
02.01	General Conditions																	\$ -
	Project Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Commercial Manager / Procurement	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Project Engineer	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Scheduler	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Accountant	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Superintendent	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Quality Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 100.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Safety Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00 hr	\$ 95.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	General Conditions Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00 hr	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.02	Other Costs																	\$ 1,700.27
	Building Permits and Expenses		0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Subcontractor Bonds and Insurances	1.0% of Subcontractor Costs	1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 1,700.27 /ls	\$ 1,700.27	\$ 1,700.27 /ls	\$ 1,700.27
	Other Costs		0.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.03	Bonds & Insurances																	\$ 2,040.33
	Bonds & Insurances	1.2% of Direct Costs	1.00	0.000 hr/mo	\$ - /hr	0.00 hr	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 2,040.33 /ls	\$ 2,040.33	\$ 2,040.33 /ls	\$ 2,040.33

SRWA
Cost Fluctuation Analysis

Scope	Metals and Metal Products:	
PPI Code	WPU101	
Description	Date	Data
Historical over Past 10 Years		
First Data Point	May-12	250.500
Pre-COVID-19 Data Point	Mar-20	210.600
Percentage Increase		-15.93%
Number of Months in Analysis		95
Monthly Increase (Historical Cost Fluctuation)		-0.17%
Cost Fluctuation Duration (months)		18
Total Anticipated Cost Fluctuation		-3.02%
Assumed Cost Fluctuation used in SRWA Pricing (Forward Looking)		4.00%
SRWA Post Analysis (Rear Looking)		
Quote Time	May-20	203.500
Buyout Time	Oct-21	417.852
Percentage Increase Due to Uncontrollable Circumstance		105.33%
Additional Notes on PPI		
PPI long term analysis (annual average from 1926 to 2000)		1.20%
PPI Hurricane Katrina, Building Boom (9/2005 to 2/2007)		16.00%
PPI Summary		
Using past 10-years suggested this increase		-3.02%
Team utilized this increase within SRWA pricing		4.00%
Increase after UC event for Hurricane Katrina and building boom		16.00%
Increase due to COVID-19 UC		105.33%
Original Bid Amount		\$ 456,535.30
Furnish Only %		80.00%
Original Bid Material Amount		\$ 365,228.24
Bid Time Assumed Cost Fluctuation	4.00%	\$ 14,609.13
Actual Cost Fluctuation - Calculated	105.33%	\$ 384,694.91
Impact due to Uncontrollable Circumstance - Reasonable Assessment	101.33%	\$ 370,085.78

Item No. 3, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Commodity Based > Metals and Metal Products

☆ Producer Price Index by Commodity: Metals and Metal Products: Iron and Steel (WPU101)

DOWNLOAD

Observation:

May 2022: **424.195** (+ more)
Updated: Jun 14, 2022

Units:

Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01



— Producer Price Index by Commodity: Metals and Metal Products: Iron and Steel



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org

Share Links

Account Tools



Item No. 3, Attachment 3
Cost Fluctuation Analysis

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Item No. 3, Attachment 3
Cost Fluctuation Analysis

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Index 1982=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01



— Producer Price Index by Commodity: Metals and Metal Products: Iron and Steel



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org

Share Links Account Tools



Item No. 3, Attachment 4
Quotes

SRWA
Quote History - Iron Fencing

2020 Proposal						2021 Proposal (Actually from September 2022)					
Description	Qty	Unit	Unit Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Total Value	Notes
Pisor Fence						All Steel Fence					Utilize alternate manufacturer
Chain Link Fence, analyzed on 1,800 lf				\$ 69,300.00	1,800 lf at \$38.50 per lf	Chain Link Fence, analyzed on 1,800 lf	1,800.00	lf	\$ 59.81	\$ 107,658.00	
						Chain Link Fence, additional due to later DCN		lf			Currently 4,451 lf in total project. For this analysis, assume 2,621 lf added by DCN = \$156,762. Handled in separate CO with Agency. Do not include in this analysis.
Ornamental Fence, analyzed on 1930 lf				\$ 387,235.20	1,930 lf at \$200.64 per lf	Ornamental Fence, RWPS Site	1,257.00	lf	\$ 237.30	\$ 298,280.04	
						Ornamental Fence, Main Site	533.00	lf	\$ 406.76	\$ 216,803.02	
Subtotal				\$ 456,535.20		Subtotal				\$ 622,741.06	
Tax				Included		Tax				Included	
Freight				Included		Freight				Included	
Install				Included		Install				Included	
Total Pisor Fence Quote				\$ 456,535.20		Total All Steel Fence Quote				\$ 622,741.06	
Updated Pricing & Other Scope						Updated Pricing & Other Scope					
Total Updated Pricing & Other Scope				\$ -		Total Updated Pricing & Other Scope				\$ -	
2020 Total				\$ 456,535.20		2021 Total				\$ 622,741.06	

PISOR FENCE DIVISION, INC.

BID SUBMISSION FORM

PO Box 7213

Citrus Heights, CA 95621

Lic. # 316128, State Cert. Small Business # 26577 DIR # 1000003166

Attention: Estimating

Date: 3/19/2019

Re: WTP Project

We are pleased to submit our quotation to furnish and install (F&I) fencing per section of the (no specifications), plans and no addenda noted for the sum of: **Budget Numbers Only. See below:**

Scope:

151,500
13,275
57,000
20,000
17,000
67,500
1800
322,000

ITEM #	ITEM DESCRIPTION	EST QTY	UNIT	TOTAL
1	8' Wrought Iron Fence	2,000 LF	LF	\$300,000.00
2	Pedestrian Gates	3 EA	EA	13,275.00
3	30' Vehicle Gates (motorized)	2 EA	EA	51,000.00
4	15' Vehicle Gates (motorized)	1 EA	EA	20,000.00
5	16' Manual Swing Gates	2 EA	EA	17,000.00
6	8' Chain link Fence (1" mesh)	1800	LF	187,500.00
*7	Add for Slats	5,000 LF	LF	-12,500.00
8	Add for Barb Wire	1800	LF	5,000.00

401,275 / 2000 LF
\$200 / LF

* - They do not make slats for 1" mesh. Quote reflects fabric with factory inserted slats (3.5" x 5" mesh)

\$593,775

Standard Qualifications:**

(A) No bond expense. Bid bond has a one year renewal/duration. Additional time beyond one year origination = Additional Cost

(B) No clearing, grubbing, grading of the fence line. No patching of the AC. No arrounding of the fence. All excavated dirt will be hedge rowed at the fence line. Removal and disposal by others. \$10,000

(C) No traffic control. No signage. No high voltage electrical, including final hook-up, by others as laid out by PFDI. Low voltage conduit and pull string by others as laid out by Pisor Fence. Concrete wash-out provided by GC.

(D) Basic Ins. Cov. In Bid: G.L. - 1M(2M AG). Auto Lia. - 1M. Excess Lia. 2M & Wrkmn's Comp 1M

(E) All post hole digging to be done with motorized equipment, i.e. Bobcat/Dandy Digger. **Hand digging on CCO only.**

(F) Staking to be done by GC/Owner. Staking = all end posts, corner posts and gate posts. 4 days x 1500/day - \$6,000

(G) Other than noted above, there is no removal of existing fence, temporary fence, or tree fencing.

(H) Sleeves/Post-pockets supplied by PFDI, and installed by others, if applicable. One time layout provided, additional layout per CCO.

(I) **No concrete work, except fence post footings. No concrete gate track pads, re-bar or retaining walls. No saw-cutting, no core-drilling. No embeds. No mow strips.**

(J) All posts in concrete slabs/walls/bridges or asphalt to be set prior to pour or to be blocked out by GC.

(K) Job figured for 1 move in(s). Additional move in(s) at \$ 2,800.00 each. add 3 mobs - \$8,400

Removes = a) Job jointly scheduled for install, PFDI shows up, job not ready = Remove.

b) Crew on job, pulled off by GC or owner at no fault of PFDI = Remove.

(L) On site underground not covered by USA to be located by GC, or owner.

(M) Engineering Calcs, if required, are not included. Any changes resulting from reengineering differing from contract plans & specs will be considered a CCO. \$500

(N) Knox procurements provided by others. No permits, no permit fees.

(O) Contractor to provide clear access all along side of and adjacent to proposed fence line for access with equipment and/or ready mix concrete truck.

(P) This proposal is valid for 20 days after the above date. In addition, due to a volatile steel-market, the material price component of this proposal is valid for only 10 days after the above date and thereafter is subject to increase at any time (said increase to be passed on by PFDI to contractor), including after acceptance of the proposal and/or execution of a contract. Upon expiration of the 20 day period, the material price component can be locked in by issuance of written direction authorizing PFDI to purchase the material required for the project and receipt of advance payment for said purchase.

(Q) Buy American? YES NO

(R) Prior to commencement of construction, a contract containing terms mutually agreeable to both parties shall be prepared and executed. ****This proposal letter shall be attached to and become a part of the contract. In the event of any inconsistency between such contract and this proposal, the terms of this proposal shall prevail.**

Sincerely,



Drew Vincent
Estimator

(O) 916.726.1173, (F) 916.726.1198 avincent@pisorfence.net

Proposal is accepted

New Total: \$618,675

.....
(sign and date)

Your signature above will serve as a letter of intent; however, no work will be performed until a contract has been executed.

10k

6,000

8,400

500

346,900

x 1.1 etc.

381,590



ALL STEEL FENCE, INC. - License No. 710512
P. O. Box 1309, Lathrop, CA 95330
(800) 752-3282 -- (209) 983-8409 -- FAX: (209) 982-4325

*Submitted by: All Steel Fence, Inc. (209) 983-8409

Date: September 19, 2022

BID PROPOSAL

C. Overaa & Co.
Attn: Ryan James
200 Parr Boulevard
Richmond, CA 94801

Phone No.: (510) 234-0926
Fax/Email: ryanj@overaa.com
Project: SRWA Regional Surface Water Supply Project
1235 Aldrich Road, Hughson, CA 95236

****REVISED****

Bid date: 9/19/2022

The following addendums are acknowledged: NONE RECEIVED

*Registered as a public works contractor with the Dept. of Industrial Relations - Reg. # 1000000047 (Exp. Date: 6/30/2025)

*All Steel Fence, Inc. is a State of California, Certified Small Business (SB) - Certification #20325

*All Steel Fence, Inc. is a State of California, Certified Small Business - Prevailing Wage (SB-PW) - Certification #20325

*All Steel Fence, Inc. is a San Francisco Public Utilities Commission Certified PUC LBE/Micro LBE - Cert. #CMD071915033

SCOPE OF WORK:

BASE BID: (GALVANIZED 2" MESH CHAIN LINK FENCE):

MAIN SITE:

- Provide and install 4,451 LF of 8' high 9-gauge 2" mesh galvanized chain link fence with three strands of barbed wire on top.
- NOTE: See additional exclusions below and/or on subsequent pages of this Proposal.
- **SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$257,200.00

TEXTURA FEES:

- Add for Textura fees and All Steel Fence, Inc's. administrative costs for using the program.
- **ADD 3.5% OF TOTAL BID AMOUNT FOR TEXTURA.**
- **SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$9,002.00

BASE BID TOTAL: \$266,202.00

BID OPTION #1: (GALVANIZED 3 1/2" x 5" MESH (With Tan Standard Slats) CHAIN LINK FENCE):

MAIN SITE:

- Provide and install 533 LF of 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link fence the with three strands of barbed wire on top.
- Provide and install two 42" wide x 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link single swing gate systems with three strands of barbed wire on top and standard hardware.
- Provide and install two 30' wide x 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link single slide gate systems with three strands of barbed wire on top and gate automation and two each 6 5/8 OD bollards at pedestals.
- Provide and install two HySecurity 22EX 2 HP slide gate operators
- Provide and install six Miller 5' safety edges with transmitters and receivers.
- Provide and install four safety loops.
- Provide and install two exit loops
- Provide and install two Omron E3K photo eye sets with covers
- Provide and install two DoorKing mounting post standard dual height gooseneck pedestal.
- Provide and install two DoorKing 1815 proximity card readers
- Provide 100 each DoorKing 1508 proximity cards
- Provide and install two Knox 3502 rapid entry key switch.
- NOTE: All ground track as well as gate operator pads to be provided and install by others.**
- NOTE: All Steel Fence, Inc. to provide the above gate automation equipment and accessories only all other gate automation or access control systems, and intercom systems, to be provided and installed by Prime Contractor or others.**
- NOTE: Electricity, conduit, and/or communication lines to all gate automation equipment and accessories to be provided and installed by others. All programming and/or connection of the above gate automation equipment and accessories to any new (or existing) security systems or other access control systems to be provided and paid for by Others.**
- NOTE: See additional exclusions below and/or on subsequent pages of this Proposal.
- **SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$138,271.52



ALL STEEL FENCE, INC. - License No. 710512
P. O. Box 1309, Lathrop, CA 95330
(800) 752-3282 -- (209) 983-8409 -- FAX: (209) 982-4325

Re: SRWA Regional Surface Water Supply Project
September 19, 2022 - Revised
Page 2

TEXTURA FEES:

- Add for Textura fees and All Steel Fence, Inc's. administrative costs for using the program.
- ****ADD 3.5% OF TOTAL BID AMOUNT FOR TEXTURA.**
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

BID OPTION 1 MAIN SITE TOTAL: \$143,111.02 \$4,839.50

BID OPTION #1: (GALVANIZED 3 1/2" x 5" MESH (With Tan Standard Slats) CHAIN LINK FENCE):

PUMP STATION:

- Provide and install 1,257 LF of 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link fence with three strands of barbed wire on top.
- Provide and install one 42" wide x 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link single swing gate system with standard hardware.
- Provide and install one 12' wide x 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link single slide gate system with gate automation.
- Provide and install two 16' wide x 8' high 9-gauge 3 1/2" x 5" mesh, with tan standard slats, galvanized chain link single slide gate systems with standard hardware.
- Provide and install one HySecurity 22EX 2 HP slide gate operators
- Provide and install three Miller 5' safety edges with transmitters and receivers.
- Provide and install two safety loops.
- Provide and install one exit loops
- Provide and install one Omron E3K photo eye sets with covers
- Provide and install one DoorKing mounting post standard dual height gooseneck pedestal.
- Provide and install one DoorKing 1815 proximity card readers
- Provide 100 each DoorKing 1508 proximity cards
- Provide and install one Knox 3502 rapid entry key switch.
- **NOTE: All ground track as well as gate operator pads to be provided and install by others.**
- **NOTE: All Steel Fence, Inc. to provide the above gate automation equipment and accessories only all other gate automation or access control systems, and intercom systems, to be provided and installed by Prime Contractor or others.**
- **NOTE: Electricity, conduit, and/or communication lines to all gate automation equipment and accessories to be provided and installed by others. All programming and/or connection of the above gate automation equipment and accessories to any new (or existing) security systems or other access control systems to be provided and paid for by Others**
- NOTE: See additional exclusions below and/or on subsequent pages of this Proposal.
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$169,929.50

TEXTURA FEES:

- Add for Textura fees and All Steel Fence, Inc's. administrative costs for using the program.
- ****ADD 3.5% OF TOTAL BID AMOUNT FOR TEXTURA.**
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

BID OPTION 1 PUMP STATION: \$175,877.03 \$5,947.53

BID OPTION #2: ALTERNATE BID Value Engineered; (Top Guard Ornamental Iron in Lieu of Ameristar Ornamental Iron):

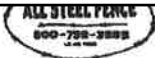
MAIN SITE:

- Provide and install 533 LF of 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron fence
- Provide and install two 42" wide x 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron single swing gate systems with standard hardware.
- Provide and install two 30' wide x 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron single swing gate systems with gate automation and two each 6 5/8 OD bollards at pedestals.
- 1" square tube (14-gauge) pickets
- 2" square tube (14-gauge) rails

Continued on page 3:

TOTAL 409,313
VS 473,822

VS 341,256



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Re: SRWA Regional Surface Water Supply Project
September 19, 2022 - Revised
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BID OPTION #2: ALTERNATE BID Value Engineered; (Top Guard Ornamental Iron in Lieu of Ameristar Ornamental Iron):

MAIN SITE - Continued:

- 3" square tube (11-gauge) fence posts
- 4" square tube (11-gauge) gate posts
- Provide and install two HySecurity 22EX 2 HP slide gate operators
- Provide and install six Miller 5' safety edges with transmitters and receivers.
- Provide and install four safety loops.
- Provide and install two exit loops
- Provide and install two Omron E3K photo eye sets with covers
- Provide and install two DoorKing mounting post standard dual height gooseneck pedestal.
- Provide and install two DoorKing 1815 proximity card readers
- Provide 100 each DoorKing 1508 proximity cards
- Provide and install two Knox 3502 rapid entry key switch.
- **NOTE: All ground track as well as gate operator pads to be provided and install by others.**
- **NOTE: All Steel Fence, Inc. to provide the above gate automation equipment and accessories only all other gate automation or access control systems, and intercom systems, to be provided and installed by Prime Contractor or others.**
- **NOTE: Electricity, conduit, and/or communication lines to all gate automation equipment and accessories to be provided and installed by others. All programming and/or connection of the above gate automation equipment and accessories to any new (or existing) security systems or other access control systems to be provided and paid for by Others.**
- NOTE: See additional exclusions below and/or on subsequent pages of this Proposal.
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$209,471.52

TEXTURA FEES:

- Add for Textura fees and All Steel Fence, Inc's. administrative costs for using the program.
- ****ADD 3.5% OF TOTAL BID AMOUNT FOR TEXTURA.**
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$7,331.50

BID OPTION 2 - ALTERNATE BID (Value Engineered) MAIN SITE TOTAL: \$216,803.02

BID OPTION #2: ALTERNATE BID Value Engineered (Top Guard Ornamental Iron in Lieu of Ameristar Ornamental Iron):

PUMP STATION:

- Provide and install 1,257 LF of 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron fence.
- Provide and install one 42" wide x 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron single swing gate system with standard hardware.
- Provide and install one 12' wide x 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron single slide gate systems with gate automation.
- Provide and install two 16' wide x 8' high pre-galvanized and black powder coated commercial 3-rail Top Guard Style ornamental iron single slide gate systems with standard hardware.
- 1" square tube (14-gauge) pickets
- 2" square tube (14-gauge) rails
- 3" square tube (11-gauge) fence posts
- 4" square tube (11-gauge) gate posts
- Provide and install one HySecurity 22EX 2 HP slide gate operators
- Provide and install three Miller 5' safety edges with transmitters and receivers.
- Provide and install two safety loops.
- Provide and install one exit loops



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Re: SRWA Regional Surface Water Supply Project
September 19, 2022 - Revised
Page 4.

BID OPTION #2: ALTERNATE BID Value Engineered (Top Guard Ornamental Iron in Lieu of Ameristar Ornamental Iron):

PUMP STATION - Continued:

- Provide and install one Omron E3K photo eye sets with covers
- Provide and install one DoorKing mounting post standard dual height gooseneck pedestal.
- Provide and install one DoorKing 1815 proximity card readers
- Provide 100 each DoorKing 1508 proximity cards
- Provide and install one Knox 3502 rapid entry key switch.
- **NOTE: All ground track as well as gate operator pads to be provided and install by others.**
- **NOTE: All Steel Fence, Inc. to provide the above gate automation equipment and accessories only all other gate automation or access control systems, and intercom systems, to be provided and installed by Prime Contractor or others.**
- **NOTE: Electricity, conduit, and/or communication lines to all gate automation equipment and accessories to be provided and installed by others. All programming and/or connection of the above gate automation equipment and accessories to any new (or existing) security systems or other access control systems to be provided and paid for by Others**
- **NOTE: See additional exclusions below and/or on subsequent pages of this Proposal.**
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$288,193.28

TEXTURA FEES:

- **Add for Textura fees and All Steel Fence, Inc.'s. administrative costs for using the program.**
- ****ADD 3.5% OF TOTAL BID AMOUNT FOR TEXTURA.**
- ****SEE BID EXPIRATION SECTION BELOW OR ON SUBSEQUENT PAGES OF THIS PROPOSAL.**

\$10,986.76

BID OPTION 2 - ALTERNATE BID (Value Engineered) PUMP STATION TOTAL: \$298,280.04

Mobilizations (Move-ins):

The price on this proposal includes up to **FIVE (5)** mobilization(s) (move-in(s)) total for all work. If additional mobilizations (move-ins) are performed for this project there will be additional charges as follows: (**These mobilization charges must be included on any contract or purchase order issued for this project to All Steel Fence, Inc.) In addition, if there are multiple bid items on this proposal and all bid items are not awarded to All Steel Fence, Inc., the number of mobilizations (move-ins) included on this bid proposal will change accordingly):

\$1,400.00 per additional mobilization.

Bonds:

If All Steel Fence, Inc. will be required to provide payment/performance/maintenance or other bonds for the above work, **please add 2.0% to the total bid amount for the bond costs.** If bonds are required by Prime Contractor, all bond costs must be paid by the Prime Contractor or Owner directly to our bonding agent within 30 days of receipt of invoice. Bonds must be requested at time of award of subcontract or purchase order. Subcontractor does not guarantee that bonds will be able to be issued for the full value of the Subcontract. Any bonds are subject to standard bonding company approval and All Steel Fence, Inc.'s available bonding limits at time of Subcontract award.

ADD 2.0% (if required)

EXCLUSIONS & CLARIFICATIONS:

- **All items of work contained on this bid proposal are bid to be performed as a package and bid items/scope of work cannot be split without approval from an authorized agent of All Steel Fence, Inc.**
- **NOTE: Ornamental iron fence and gates have been VALUE ENGINEERED and are built with Buy America Materials and quoted using an industry standard spec.**
- **NOTE: This will clarify that this revised bid proposal's quantities and pricing is based on the project plan sheet set dated September 2021, issued for construction.**
- **NOTE: This is to clarify that the Top Guard Style Ornamental Iron, bid in lieu of Ameristar Ornamental Iron, will be pre-galvanized with 1" square tube (14-gauge) pickets that will be face welded to 2" square tube (14-gauge) rails.**
- **Any required "NO TRESPASSING" signs or other related items to be provided and installed by others.**
- **NOTE: Preparation of and procurement of any required fence and/or gate permits and permit costs and fees to be provided and paid for by others.**

Continued on page 5:

**SRWA
Uncontrollable Circumstance
Written Report**

Topic	Written Report Information
Impact Item No.:	4
Brief Description:	Steel & Ductile Iron Piping
Date Written Report Prepared or Updated:	10/27/22
Revision:	0
Change Type:	Change Due to Uncontrollable Circumstance
Contract References:	Definition of Uncontrollable Circumstance Article 6.2.C – Design-Build Price Adjustments Article 8.3 – Uncontrollable Circumstances – Entitlement to Relief Article 8.4 – Uncontrollable Circumstances – Claims Procedures Article 10.8 Cost Substantiation of Cost Already Performed
Applicable Uncontrollable Circumstance (UC) Definition:	Inclusion 1.d naturally occurring events (except weather conditions normal for the Sites) such as landslides, underground movement, earthquakes, fires, tornadoes, hurricanes, floods, lightning, epidemics (including, expressly, the COVID-19 pandemic), and other acts of God;
Event Which Constitutes UC:	COVID-19 shutdowns, work from home orders
Date Impact First Identified:	2/1/2022
Date Company has knowledge UC is likely to cause entitlement:	7/13/2022
Version of Submittal of Specific Relief Request:	First Submittal of Written Report, not Final
Detailed UC Description:	As the project advanced from 60% Design to 90% Design, the team was notified that costs were increasing on steel and ductile iron piping, due to impacts from COVID-19. Jifco informed the team the price will be increasing and that schedule impacts may be considerable. Overaa evaluated steel and ductile iron piping materials options. During this process the Agency also engaged to help evaluate domestic vs non-domestic materials sources.
Final Mitigation Strategy:	Overaa executed early purchase orders to procure raw materials before final layout and dimensioning was complete. This helped reduce the impact of surging material costs and protected the

Topic	Written Report Information
	schedule from long-lead procurement delays. Overaa eventually utilized a mixture of steel and ductile iron piping that provided the best balance of cost and schedule impacts.
Applicable DB Contract Article 6.2.C – Base Design-Build Price Adjustments:	<ol style="list-style-type: none"> 1. Adjustment for Change Order: No 2. Adjustment for Uncontrollable Circumstance: Yes 3. Adjustment for Certain Raw Materials Cost Fluctuations: No
UC Costs (\$):	<p>\$784,890.26 (cost delta as quoted) \$880,313.29 (total cost for Overaa)</p> <p>Note the cost assessment for costs due to UC are \$1,544,245.42. See attached Cost Fluctuation Analysis documentation. The above UC costs of \$880,313.29 are deemed very low.</p>
UC Total Costs (\$), including bonds, insurances, and fees:	\$989,648.20
UC Time Extension to Schedule (days):	0 days impact to critical path
UC Change to Performance Obligations:	N/A

JACOBS

UC Cost Estimate

SRWA Project
Project No. SRWA2019

UC Impact No. 4
Steel & Ductile Iron Piping

UC COST ESTIMATE SUMMARY PAGE				
Description	Qty	Unit	Unit Cost	Total Cost
Direct Costs				
Jacobs Self-Performance	-	ls	\$ -	\$0.00
Process Equipment	-	ls	\$ -	\$0.00
Subcontractors				
General Contractor	1.00	ls	\$ 880,313.29	\$880,313.29
Subtotal Direct Costs				\$880,313.29
Indirect Costs				
General Conditions	-	ls	\$ -	\$0.00
Other Costs	1.00	ls	\$ 8,803.13	\$8,803.13
Bonds & Insurances	1.00	ls	\$ 10,563.76	\$10,563.76
Subtotal Indirect Costs				\$19,366.89
Subtotal Direct & Indirect Costs				\$899,680.18
Fee (Overhead & Profit)	10.0%	%	\$ 899,680.18	\$89,968.02
Design-Builder Contingency	0%	%	\$ 899,680.18	\$0.00
Total Contract Adjustment				\$989,648.20

Item No. 4, Attachment 2
UC Cost Estimate

Project: SRWA
COR Number: UC Impact No. 4
COR Description: Steel & Ductile Iron Piping

Item No.	Item Description	Assumption	Takeoff Quantity	Labor Productivity	Labor Cost/Unit	Labor Quantity	Labor Price	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Cost/Unit	Total Amount
01	Direct Costs																	\$ 880,313.29
01.01	Jacobs Self-Performance																	\$ -
	Testing & Special Inspection	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Confined Space Rescue Team	None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Engineering Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	SDC Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Sr Engr, Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 256.50 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Mid Engr Professional	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 193.80 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Labor - Jr Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 173.85 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	I&C Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Manager	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr Professional, Lead	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 257.15 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Labor - Engr, Technical	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ 141.39 /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Startup & Commissioning Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.03	Process Equipment																	\$ -
01.03.01	Process Equipment																	\$ -
		None this COR	0.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
01.02	Subcontractors																	\$ 880,313.29
01.02.01	General Contractor - Overaa																	\$ 880,313.29
	Credit Original Bid Price		-1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 3,260,997.60 /ls	\$ (3,260,997.60)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 3,260,997.60 /ls	\$ (3,260,997.60)
	Credit Original Cost Fluctuation Inclusion	Assume materials are 100% of quote. Include 4% escalation on materials.	-1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 130,439.90 /ls	\$ (130,439.90)	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 130,439.90 /ls	\$ (130,439.90)
	Final Bid Price		1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 4,176,327.77 /ls	\$ 4,176,327.77	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 4,176,327.77 /ls	\$ 4,176,327.77
	Overaa Bonds & Ins		1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 11,773.35 /ls	\$ 11,773.35	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 11,773.35 /ls	\$ 11,773.35
	Overaa Fee		1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ 83,649.68 /ls	\$ 83,649.68	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 83,649.68 /ls	\$ 83,649.68
02	Indirect Costs																	\$ 19,366.89
02.01	General Conditions																	\$ -
	Project Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Commercial Manager / Procurement	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 145.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Construction Project Engineer	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Scheduler	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Accountant	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 90.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Superintendent	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 110.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Quality Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 100.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	Safety Manager	None this COR	0.00	0.000 hr/ls	\$ - /ls	0.00	\$ 95.00 /hr	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -	\$ - /mo	\$ -
	General Conditions Expenses	None this COR	0.00	0.000 hr/ls	\$ - /hr	0.00	\$ - /hr	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.02	Other Costs																	\$ 8,803.13
	Building Permits and Expenses		0.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
	Subcontractor Bonds and Insurances	1.0% of Subcontractor Costs	1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 8,803.13 /ls	\$ 8,803.13	\$ 8,803.13 /ls	\$ 8,803.13
	Other Costs		0.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -
02.03	Bonds & Insurances																	\$ 10,563.76
	Bonds & Insurances	1.2% of Direct Costs	1.00	0.000 hr/mo	\$ - /hr	0.00	\$ - /mo	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ - /ls	\$ -	\$ 10,563.76 /ls	\$ 10,563.76	\$ 10,563.76 /ls	\$ 10,563.76

SRWA
Cost Fluctuation Analysis

Scope	Steel and Iron Piping	
PPI Code	PCU3312103312100	
Description	Date	Data
Historical over Past 10 Years		
First Data Point	May-12	326.300
Pre-COVID-19 Data Point	Mar-20	338.900
Percentage Increase		3.86%
Number of Months in Analysis		95
Monthly Increase (Historical Cost Fluctuation)		0.04%
Cost Fluctuation Duration (months)		18
Total Anticipated Cost Fluctuation		0.73%
Assumed Cost Fluctuation used in SRWA Pricing (Forward Looking)		4.00%
SRWA Post Analysis (Rear Looking)		
Quote Time	May-20	330.600
Buyout Time	Oct-21	567.474
Percentage Increase Due to Uncontrollable Circumstance		71.65%
Additional Notes on PPI		
PPI long term analysis (annual average from 1969 to 2000)		11.70%
PPI Hurricane Katrina, Building Boom (9/2005 to 2/2007)		6.60%
PPI Summary		
Using past 10-years suggested this increase		0.73%
Team utilized this increase within SRWA pricing		4.00%
Increase after UC event for Hurricane Katrina and building boom		6.60%
Increase due to COVID-19 UC		71.65%
Original Bid Amount		\$ 3,260,997.60
Furnish Only %		70.00%
Original Bid Material Amount		\$ 2,282,698.32
Bid Time Assumed Cost Fluctuation	4.00%	\$ 91,307.93
Actual Cost Fluctuation - Calculated	71.65%	\$ 1,635,553.35
Impact due to Uncontrollable Circumstance - Reasonable Assessment	67.65%	\$ 1,544,245.42

Item No. 4, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Industry Based > Manufacturing

☆ Producer Price Index by Industry: Iron and Steel Pipe and Tube Manufacturing from Purchased Steel: Iron and Steel Pipes and Tubes, from Purchased Iron and Steel (PCU3312103312100)

DOWNLOAD

Observation:
May 2022: **639.168** (+ more)
Updated: Jun 14, 2022

Units:
Index Jun 1982=100,
Not Seasonally Adjusted

Frequency:
Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Industry: Iron and Steel Pipe and Tube Manufacturing from Purchased Steel: Iron and Steel Pipes and Tubes, from Purchased Iron and Steel



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org

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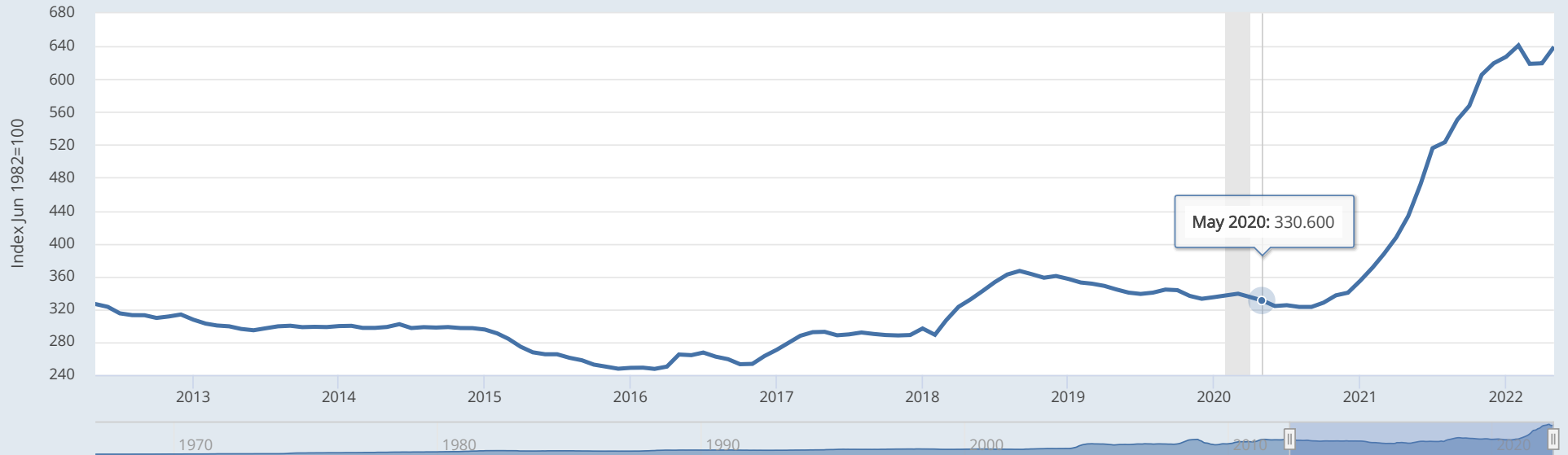
EDIT GRAPH

2012-05-01

2022-05-01

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Share Links Account Tools



Item No. 4, Attachment 3
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DOWNLOAD

Observation:

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Monthly

1Y | 5Y | 10Y | Max

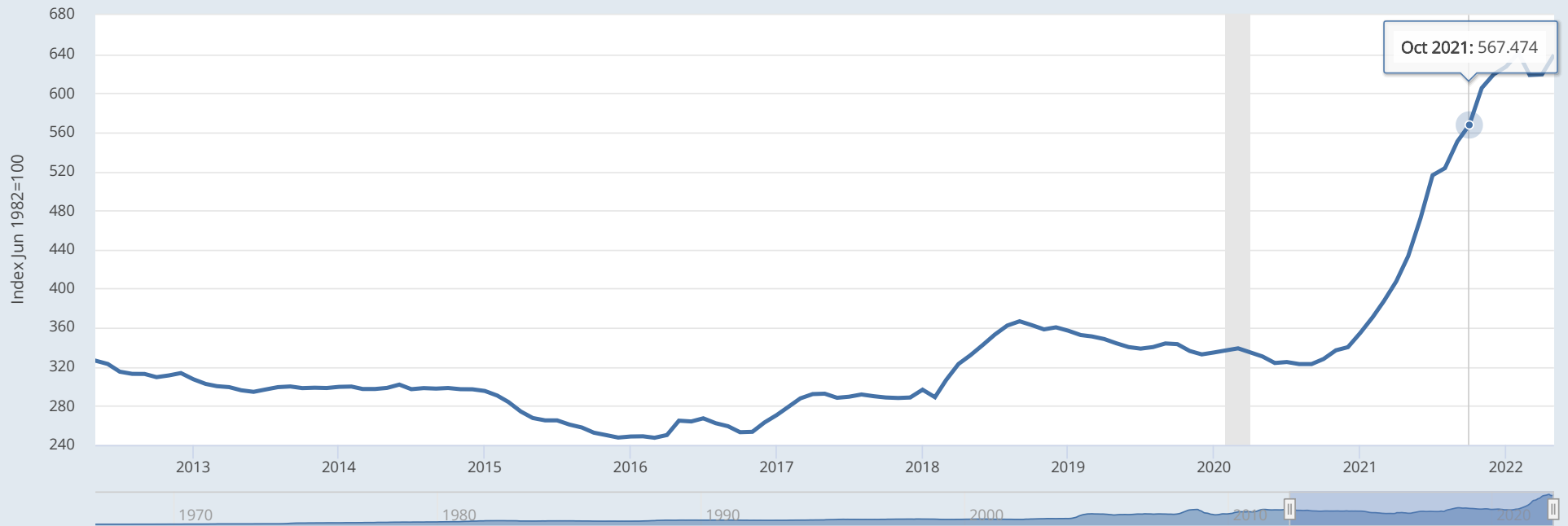
EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Industry: Iron and Steel Pipe and Tube Manufacturing from Purchased Steel: Iron and Steel Pipes and Tubes, from Purchased Iron and Steel



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

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Item No. 4, Attachment 4
Quotes

SRWA
Quote History - Steel & DIP Piping

2020 Proposal						2021 Proposal					
Description	Qty	Unit	Unit Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Total Value	Notes
Jifco						Jifco					
FWPS Pump Suction	1.00	ls	\$ 399,393.00	\$ 399,393.00		FWPS Underground	1.00	ls	\$ 395,598.00	\$ 395,598.00	
30" & 42" FW Yard from FWPS	1.00	ls	\$ 432,953.00	\$ 432,953.00		30" & 42" FW Mains Below Ground	1.00	ls	\$ 615,306.00	\$ 615,306.00	
36" RW to Flash Mix	1.00	ls	\$ 208,122.00	\$ 208,122.00		36" x 1/4" RW	1.00	ls	\$ 268,450.00	\$ 268,450.00	
Above Ground RWPS	1.00	ls	\$ 243,989.00	\$ 243,989.00		36" RWPS Above/Below Ground	1.00	ls	\$ 319,889.00	\$ 319,889.00	
36" & 48" Above Ground Flow Split	1.00	ls	\$ 365,632.00	\$ 365,632.00		36" RW Flow Split/Below Ground	1.00	ls	\$ 531,952.00	\$ 531,952.00	
Above Ground Flash Mix	1.00	ls	\$ 222,007.00	\$ 222,007.00		36" RW Rapid Mix Above/Below Ground	1.00	ls	\$ 244,390.00	\$ 244,390.00	
Filters	1.00	ls	\$ 763,490.00	\$ 763,490.00		FWS and FI at Filters	1.00	ls	\$ 348,433.00	\$ 348,433.00	
BWA at Filters	1.00	ls	\$ 133,841.00	\$ 133,841.00		BWA at Filters	1.00	ls	\$ 168,387.00	\$ 168,387.00	
Above Ground FWPS	1.00	ls	\$ 253,514.00	\$ 253,514.00		FWPS Above Ground	1.00	ls	\$ 306,986.00	\$ 306,986.00	
						36" FE to Clearwell Below Ground	1.00	ls	\$ 27,571.00	\$ 27,571.00	
						48" RW Outfall Above/Gelow Ground	1.00	ls	\$ 25,952.00	\$ 25,952.00	
						OZW at Contactors	1.00	ls	\$ 33,281.00	\$ 33,281.00	
						Misc OZW at Contactors	1.00	ls	\$ 20,931.00	\$ 20,931.00	
Tax				\$ 238,056.60		Tax				\$ 260,436.17	
Freight				Included		Freight				Included	
Install				Excluded	Furnish only	Install				Excluded	Furnish only
Total Jifco Quote				\$ 3,260,997.60		Total Jifco Quote				\$ 3,567,562.17	
Updated Pricing & Other Scope						Updated Pricing & Other Scope					
						8/19/2021 - Total Capflow Scope				\$431,071.00	Filter items in DIP
						Jifco - 11/5/2021 - FWPS				\$39,856.00	
						Jifco - 11/5/2021 - Yard Piping				\$14,787.00	
						Jifco - Filter spools				\$78,611.00	
						Other Scope Tax				\$ 44,440.59	
Total Updated Pricing & Other Scope				\$ -		Total Updated Pricing & Other Scope				\$608,765.59	
2020 Total				\$ 3,260,997.60		2021 Total				\$ 4,176,327.77	

Anna Stein

From: Jay Forni <jay@jifco.com>
Sent: Thursday, May 14, 2020 10:02 AM
To: Anna Stein
Subject: Stanislaus Regional Water Authority

Anna:
 Following is a breakout by area:
 RECAP

FW PUMP STATION SUCTION 2020	\$ 399,393.00
30" & 42" FW YARD FROM FW PS 2020	\$ 432,953.00
36" RW TO FLASH MIX 2020	\$ 208,122.00
AG RW PUMP STA. 2020	\$ 243,989.00
36" & 48" AG FLOW SPLIT 2020	\$ 365,632.00
AG FLASH MIX 2020	\$ 222,007.00
FILTERS	\$ 763,490.00
BWA AT FILTERS 2020	\$ 133,841.00
AG FW PUMP STATION	\$ 253,514.00
TOTAL	\$ 3,022,941.00

332,419
~~\$ 380,406~~
 LESS 4383K TO BUYOUT IN DUCTILE
 431K IN ORDER TO MEET SCHEDULE

~~2,639,857~~ 2,591,870
 207888 tax 204,109
2,847,745 TOTAL 2,795,979

If you need more detail, please let me know.

All prices include the following:

- Buttstraps
- Grout Bands
- Flanges
- Blind Flanges
- Mating Bolt, nut and gasket sets. Bolts are A307 carbon steel per AWWA C207. Gaskets are NSF 61 EPDM
- Sleeve type couplings
- FCA's
- Dismantling Joints
- Harness assemblies
- Reducers
- Dished Heads (Permanent. Test heads not included)
- Weep rings
- Tees
- Flanged outlets
- Threaded outlets
- Elbows
- All material conforms to AIS
- Pipe and fittings designed for 150 psi working pressure
- All cement lined per AWWA C205
- Buried pipe is cement coated
- Exposed pipe is epoxy prime coated.
- Stainless steel pipe and fittings are pickled and passivated after fabrication
- Shop drawings, submittals and calculations per AWWA M11 included.
- Prices are FOB, Livermore with full freight allowed to the jobsite
- Sales tax is not included in the prices.



Jifco, Inc.

Jay Forni, Jr.

Phone (925) 449-4665

Fax (925) 449-5517

Email jay@jifco.com

Web www.jifco.com

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Manuel Azevedo

From: Jay Forni <jay@jifco.com>
Sent: Friday, November 05, 2021 12:17 AM
To: Manuel Azevedo; Mike Provencher
Subject: Stanislaus

3,527,676
400501-920-041 151,032 Fab'd SST Pipe
→ 3,376,644
400501-910-041 Fab'd Steel Pipe
36,209.63
3,421,428.23
3,457,637.86

Manuel:
Please see pricing below.
Sales tax is not included in the prices.
Terms are the same as our quote.



Jifco, Inc.
Jay Forni, Jr.
Phone (925) 449-4665
Fax (925) 449-5517
Email jay@jifco.com
Web www.jifco.com

3,038,676 ← QUOTE
31,586 UWAG@FWPS
14,787 Rest of 36" FE
3,093,049
78,611
3,171,660.00
249,768.23
3,421,428.23
Filter Spools
Total PO
7.875% Tax
Freight 42,375
3,440,110.00
- 42,375.00
3,397,735.00
x .07875
= 267,571.63 Tax
26" IRW → 268,450
Total PO 3,440,110.00
7.875% Tax 276,908.66
3,711,018.66
TOTAL → 267,571.63
3,707,681.63 IFC TOTAL

FW PUMP STATION: Need to include the 4", 8" 10" from the pump discharge flanges on the Utility Water pumps, up to and including the 10" tee w/ tapped blind flange.
4", 8" and 10" UW as shown on Dwg. 75-D1010 from the 3 ea. 8" pump discharge flanges to and including the 10" vertical tee with a blind flange and the 8" dismantling joints as shown on Sec. A/75-D-3001.

LS \$ 39,586.00

Included in PO Scope

YARD PIPE: Instead of stopping at point 823 can you take it all the way to the flex coupling at the FE line and provide us a plain end at the flex coupling?

Extend the 36" FE from Point 823 to the second flex coupling north of the filter building.

LS \$ 14,787.00

FILTERS & BWA AT FILTERS: Please confirm the wall spools for all of the BWS and BWA are included in these scopes. These wall spools are in the earlier change order and have been delivered.

Included in PO Scope

If you could get back to me today or tomorrow morning that would be great so we can finalize before Friday.

Thanks,

12-16 weeks pipe manufactured
4-6 weeks Fab time



Manuel Azevedo | Project Manager, LEED AP, CISEC, QSP | manuela@overaa.com
C. Overaa & Co. | 200 Parr Boulevard | Richmond | CA | 94801
Mobile: 510-719-0017 | Office: 510-234-0926 | www.overaa.com

From: Jay Forni <jay@jifco.com>

Sent: Friday, October 29, 2021 7:26 PM

40 27 00 Process Piping - General
40 27 00.03 Carbon Steel Pipe and Fittings
40 27 00.08 Stainless Steel Pipe and Fittings
1
40 27 01 Process Piping Specialties

Item No. 4, Attachment 4
Quotes

veraa.com>; Manuel Azevedo <manuela@overaa.com>

Subject: Stanislaus

Ryan and Manuel:

100% quote attached.

Please review and contact me with any questions.

I am working this weekend and will be looking at my email.



Jifco, Inc.

Jay Forni, Jr.

Phone (925) 449-4665

Fax (925) 449-5517

Email jay@jifco.com

Web www.jifco.com

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P.O. Box 589
Livermore, CA 94551
Phone (925) 449-4665
Fax (925) 449-5517



October 29, 2021

C. Overaa
Att: Ryan James



Re: Stanislaus Regional Water Authority Water Treatment Plant

Furnish the following welded steel pipe and fittings with cement mortar lining and coating (below ground) or epoxy prime coating (above ground) and stainless steel pipe and fittings per plans and specifications and as noted below.
All material conforms to the applicable requirements of AISI.
Pricing based on "Issued for Construction" drawings and scope as marked by C. Overaa.
Wall spools are not included in this price.

FW Pump Station Dwg's. 75-D-1010 and -3001

1
Need to include 4", 8", 10" UW Incl. Tee w/ Blind Fl. diam. color code w/c small pipe.

- 12", 16", 24", 30", 48" and 54" FW suction manifold from the 48" Clearwell outlet to the 14 ea. pump cans.
- 4", 16" and 24" BWS from the pump discharge flanges on the backwash supply pumps to the 30" BWS including the 30" x 24" tee with a tapped blind flange.
- 4", 12" and 18" FW from the pump discharge flanges on the Ceres Finished Water pumps to the 30" FW including the 30" x 18" tee with a tapped blind flange.
- 4", 14" and 24" FW from the pump discharge flanges on the Turlock Finished Water pumps to the 42" FW including the 42" x 24" tee with a tapped blind flange.
- Dismantling joints are included where shown and at the connection to the pump discharge flanges.

Yard Pipe Dwg's. 07-Y-2104 thru 07-Y-2108

2
Verify from where to where (Pt 323 to key Note 6)

- 30" FW and 42" FW from the finished water pump station to the surge tanks and to the connection with the Turlock FW Transmission main and the Ceres FW Transmission main as shown on Dwg's. 07-Y-2104 and 07-Y-2107.
- (17 ea) 30" and 17 ea. 42" field welded joints required.
- 36" FE from the outlet pipe from the Ozone Contactors to the vertical elbow at the Clearwell as shown on Dwg. 07-Y-2108. *From Pt 323 to key note 6? - ASK if we can give us a PE at the piping*
- 2 ea. 36" field welds required.

Raw Water Pump Station Dwg's. 20-D-1020, -3001 and -3002

3
Verify 24" included

- 6", 20" and 48" RW pump discharge from the 2 ea. 20" pump discharge flanges to a 48" flange at the downstream end of the 48" vertical offset.
- 24" and 48" RW bypass from the 2 ea. connections to the manifold to the 24" elbow above the wet well.

Raw Water Outfall Structure Dwg. 26-D-1010

4

- 48" RW flange x plain end wall spool and buttstrap, with a temporary blind flange.



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October 29, 2021

C. Overaa
Att: Ryan James



Re: Stanislaus Regional Water Authority Water Treatment Plant

Flow Split Facility Dwg's. 25-R-1000 to 25-D-5001 *25-D-1010*
4", 6", 10", 30", 36" and 48" RW between the contract demarcation points including the 48" removable spools, 48" temporary blind flanges, 48" permanent blind flange, 48" bypass, 36" RW to a flange end at the first elbow in the ground as shown on Sec. D/25-D-3002, 10" RCY connection from the first flange above ground to the 36" RW, 36" and 48" dismantling joints, 4" and 6" RW injection pipe, 30" flanged nozzle, 30" blind flange per Det. 3/25-D-4001, 5" and 6" Hastelloy C RW injector pipe per Detail 3/25-D-4001. The 5" nozzle is not included.

The requirements of Note 3/25-D-1010 are not included. *- Ryan has informed Jacobs*
3 ea. 48" field welded joints are required.
One additional 36" flange joint has been added to the above ground pipe to allow transportation.

6

Rapid Mix Dwg's. 28-D-1010 and -3001
4", 6", 16", 24", 30" and 36" RW from and including the 30" tee with a cap at Point 1104 on Dwg. 07-Y-2011 to the 2 ea. 24" wall spools including the 3" tee for the CDS line as shown on Sec. A/07-Y-2111, 4" and 6" rapid mix pump suction and discharge pipe as shown on Sec. B/28-D-3001, 4" flanged outlets for the chemical injectors, threaded outlets as shown, 2 ea. 24" blind flanges with the 5" and 6" Hastelloy C RW injector pipe similar to Detail 3/25-D-4001. The 5" nozzle is not included.
The 24" pipe is epoxy lined as per Note 2 on 28-D-1010.
(2 ea.) 24", (3 ea.) 30" and (1 ea.) 36" field welded joints required.

in Man hole
verify sizes, but yes it's included.

7

Filters Dwg's. 45-D-1010 through -3004
30" and 36" FI from the 30" wall spools in the contactors to the wall spool in the inlet channel as shown on Sec. G/45-D-3004. *Are the wall spools included?*

16" and ^{20"}24" FE from the 30" BWS/FE manifold to the 20" elbows for the FE and FTW as shown on Sec. A/45-D-3001; 30" BWS manifold from the filter wall spool to and including the 30" blind flange as shown on Sec. C/45-D-3002 and the 30" BWS from the manifold to the 30" BWS elbow as shown on Dwg. 45-D-1010. Typical of four places.

Are the wall spools included?

Wall spools included?



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October 29, 2021

C. Overaa
Att: Ryan James



Re: Stanislaus Regional Water Authority Water Treatment Plant

Stainless Steel

OZW at Contactors Dwg. 45-D-1000 and -302

4" OZW as shown on Dwg. 45-D-4001 from the 4" valve at the northeast corner of the ozone contactors as shown on Dwg. 45-D-1010 to the floor of the contactor as shown on Sec. C/45-D-3002.

Ten runs are included. All 316L, Sch. 10S.

BWA at Filters Dwg. 45-D-1020

10" and 12" BWA from the 2 ea. blowers as shown on Sec. D/45-D-3003 and Sec. F/45-D-3003 to the 4 ea. filter wall spools as shown on Sec. C/45-D-3002 including the 12" FCA's. All 304L, Sch. 10S. — Are the wall spools included?

OG at Contactors Dwg. 45-D-1020

2 ea. 4" OG roof spools and 2 ea. 3" OG roof spools with tapped blind flanges as shown on Sec. C/45-D-3002.
1 ea. 3" OG roof spool with a blind flange and 1 ea. 3" OG roof spool with a 3" vent riser as shown on Sec. F/45-D-3003.

4" OG vent from the equipment furnished riser flanges to the miter cut end outside the building as shown on Dwg's. 45-D-1020 and -3003.

All 316L, Sch. 10S.

Field welding is not required for stainless steel pipe and fittings.

All pipe and fittings are pickled and passivated after fabrication per ASTM A380.

DESCRIPTION	PRICE
100% FW PUMP STATION UNDERGROUND	•\$ 395,598.00
100% FW PUMP STATION ABOVE GROUND	•\$ 306,986.00
100% 30" & 42" FW MAINS BELOW GROUND	•\$ 615,306.00
100% 36" FE TO CLEARWELL BELOW GROUND	•\$ 27,571.00
100% 36" RW RAPID MIX ABOVE/BELOW GROUND	•\$ 244,390.00
100% 36" RW FLOW SPLIT/BELOW GROUND	•\$ 531,952.00
100% 36" RW PUMP STATION ABOVE/BELOW GROUND	•\$ 319,889.00
100% 48" RW OUTFALL STR ABOVE/BELOW GROUND	•\$ 25,952.00
100% BWS AND FI AT FILTERS	•\$ 348,433.00
CARBON STEEL TOTAL	① \$ 2,816,077.00
100% OZW AT CONTACTORS, 316L	\$ 33,281.00
100% BWA AT FILTERS, 304L	•\$ 168,387.00
100% MISC OZW AT CONTACTORS, 316L	\$ 20,931.00
STAINLESS STEEL TOTAL	\$ 222,599.00
TOTAL	\$ 3,038,676.00 ③

Wall Spools included?

④ 3,038,676
⑤ -30,075
-29,638
2,978,963
Minus Filter Spools if They're included

222,599 ②
① + ② = ③



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October 29, 2021

C. Overaa
Att: Ryan James



Please note the following:

- The above are furnished including buttstraps, weld bells, joint diapers, elbows, reducers, tees, wyes, caps, flanges, blind flanges, flanged outlets, threaded outlets, sleeve type couplings, flanged coupling adapters, harness assemblies, wall spools, weep rings and mating bolt, nut & gasket sets (Jifco supplies flanges on both sides of the joint).
- The above price does not include unless noted otherwise: valves, non-mating flange insulation kits, valve bolting, flow meters, back flow preventers, pumps, pipe supports, pipe hangers, pipe straps, PVC pipe, copper pipe, and ductile iron pipe.
- Shop drawings and submittals are included in the above pricing.

Add into scope

Add into Exclusions

Certifications and Capabilities

- Jifco, Inc. is an SPFA certified fabricator and an LRQA ISO 9001-2008 company.
- In House AWS Certified Welding Inspector
- In House NACE Level 3 Inspector
- In House SNT-TC-1A Level 2 Inspectors (PT, MT, and UT)

Payment Terms and Conditions

- Price is good for 30 days from Bid Date.
- Full payment of invoiced amount is due 30 days after invoice date. No retention is allowed.
- All proposals and sales are subject to approval of credit.
- The material is quoted F.O.B. Livermore, CA. with full freight allowed to the jobsite. Freight allowance is based upon shipments in full truckload quantities. Less than full truckloads and emergency shipments are for the buyer's account.
- Sales tax has not been included in the prices quoted.

Sincerely,

Jifco, Inc.

Jay Forni, Jr.
Jay Forni, Jr.

Manuel Azevedo

From: Jay Forni <jay@jifco.com>
Sent: Friday, October 29, 2021 7:38 PM
To: Ryan James; Manuel Azevedo
Subject: Stanislaus Regional Water Supply Project.

Ryan:

I went over this again.

Using 1/4" vs. 3/8" didn't make as big of a difference as I thought it would.

Because most of the job is 3/8", the 1/4" coil is more per ton than the 3/8" coil is per ton. So the lighter weight is offset. The revised price is below.

As per our conversation:

Furnish the following welded steel pipe and fittings with cement mortar lining and coating per plans and specifications 36" x 1/4" wall RW as shown on Sht's. 07-Y-2111 and 07-Y-2112 from point 1203 at the flow split structure to point 1104 at the 30" future tee upstream of the rapid mix structure

Approximately 650 ft. welded steel pipe and fittings including grout bands.

LS \$ 268,450.00

16 ea. field welded lap joints required

All material conforms to the requirements of AIS

Pipe must ordered.

Coil is 10-12 weeks from order

Pipe manufacture is 4-6 weeks from coil arrival

Fabrication, lining and coating is 4-6 weeks from completion of pipe manufacture.

Included in PO scope

Payment Terms and Conditions

Price is good for 30 days from Bid Date.

Full payment of invoiced amount is due 30 days after invoice date. No retention is allowed.

The material is quoted F.O.B. Livermore, CA., with full freight allowed to the jobsite.

Shop drawings for submittal are included in the price.

Sales tax has not been included in the prices quoted.



Jifco, Inc.
Jay Forni, Jr.
 Phone (925) 449-4665
 Fax (925) 449-5517
 Email jay@jifco.com
 Web www.jifco.com

Current Invoices

	<u>Material</u>	<u>Tax</u>	<u>Total</u>	
① 48" EL Clearwell	33,450.00	2,759.63	36,209.63	✓ Paid
② Clearwell Spools	42,620.00	3,356.33	45,976.33	✓ Paid
③ 48" Blind Flg (Patterson Pipes)	9,000.00	922.50	9,922.50	✓ Paid *
④ Outfall Speed/DIR Filter Spools	30,075.00	2,368.41	32,443.41	Paid *
⑤ 4" SST Drains Filters	78,611.00	6,190.62	84,801.62	In VP
	29,638.00	2,334.00	31,972.00	In VP
	<u>214,394.00</u>			

8.25% Tax
*7.875% Tax **
10% 25% Tax

① Paid against old Fab Steel Code
 ②③ Paid against 97 code

Showing as payable on Job / wo Transaction Drilldown Report

Item No. 4, Attachment 4
Quotes

From: [Manuel Azevedo](#)
To: [Ryan James](#)
Subject: Jifco email of intent
Date: Friday, November 05, 2021 12:37:41 PM
Attachments: [image002.png](#)

Here is the email I am preparing to send to Jay today to avoid cost increase.

Take a moment to review and we can discuss after lunch. Thanks.

Jay

Please accept this email as our intent of issuing a formal PO for the SRWA Project.

Base total: \$3,038,676.00
FW Pump Stn. UW add: \$39,586.00
Yard Pipe add: \$14,787.00
Filter Spools add: \$78,611.00

Pre-tax total: \$3,171,660.00

Tax 7.875%: \$249,768.23

PO Total: \$3,421,428.23

Please note the following regarding existing invoices.

- We had invoices for Clearwell related spools and piping in the amounts of \$36,209.63 and 45,976.33 and I believe you have received full payment for these. We also have another one for the Clearwell blind flange for \$9,922.50 which I have approved and a check will be cut soon. All three of these invoices are Clearwell related and not a part of this PO, they are all paid separately from the PO.
- I have an invoice in my cue for \$78,611.00 plus tax (\$84,801.62 total) which will be paid against this PO. This is for the Filter Spools that are not included in the "base total" above and therefore I am adding this amount into the PO as shown above.
- I have invoices in my cue for \$32,443.41 (includes tax) for the Outfall Structure spool and \$31,972.00 (includes tax) for the SST drain pipes at Ozone Contactors. Both of these scopes are included within your "base total" and will be paid against this PO.

Please confirm the final pricing that I am listing above and I will draft the formal PO.

Thanks,



Item No. 4, Attachment 4
Quotes

Manuel Azevedo | Project Manager, LEED AP, CISEC, QSP | manuela@overaa.com
C. Overaa & Co. | 200 Parr Boulevard | Richmond | CA | 94801
Mobile: 510-719-0017 | Office: 510-234-0926 | www.overaa.com
BEST PLACES TO WORK 2015-2021

Item No. 4, Attachment 4
Quotes

7640 WILBUR WAY #2
SACRAMENTO CA 95628
Phone (916) 718-9173 Fax (916) 563-7336

Quotation For: Overa Construction



Add
(4) 30" 90s GRXGR
(8) 20" 90s GRXGR

DATE 7/30/21
Quotation #
Customer ID

Quotation valid until 8/15/2021
Prepared by Sean Sittler

*- Add a line to add @ 24" FTW
(4) 20" GRXGR 90s*

*New Price
431,071.62 w/o tax*

JOB NAME: Filter Building

P.O. NUMBER	SHIP DATE	SHIP VIA	F.O.B. POINT	TERMS
				NET 30

SYSTEM	QTY	SIZE	LENGTH	DESCRIPTION	EST NOTES	AVAILABILITY	PRODUCT GROUP	UNIT PRICE	AMOUNT		
				30" BWS							
	120	30"		DUCTILE IRON	GAUGED		PIPE	\$161.74	\$20,379.39		
	11	30"		MEGALUG F/DI			REST	\$1,029.21	\$11,321.34		
	3	30"		MJ TEE	C110		FTG	\$19,080.00	\$57,240.00		
	1	30"		MJ 90	IMPORT C153		FTG	\$2,925.00	\$2,925.00		
	4	30"	4'	PEXGRV SPOOL			SPOOL	\$2,779.88	\$11,119.50		
				NEED TO ASK HUMBERTO ABOUT TESTING MATERIAL							
				24" FTW							
	4	24"X20"		MJ TEE	C110		FTG	\$8,433.75	\$33,735.00		
				*RYAN PLEASE CHECK WITH ENGINEER ABOUT IF THE LAST FITTING CAN BE A 90 INSTEAD OF A TEE							
	0	24"X20"		MJ 90 (MAYBE NEEDED) AVAILABILITY??	IF USED DEDUCT MJ TEE		FTG	N/A			
	1	24"		MJ CAP	C153		FTG	\$2,065.00	\$2,065.00		
	1	24"		MJ 90	C110		FTG	\$6,486.00	\$6,486.00		
	4	20"	5'	PEXGRV SPOOL			SPOOL	\$1,734.75	\$6,939.00		
	8	24"		MEGALUG F/DI			REST	\$390.00	\$3,120.00		
	1	24"		FOSTER ADAPTER	*CHECK AVAILABILITY		REST	\$1,586.55	\$1,586.55		
	144	24"		DUCTILE IRON	GAUGED		PIPE	\$106.00	\$15,264.00		
				*RYAN PLEASE LET US KNOW HOW YOU WANT TO HANDLE RISER WHICH WE WERE WORRIED ABOUT STICKING UP IN THE AIR							
				FE LINE							
	1	24"X20"		MJ TEE	C110		FTG	\$8,433.75	\$8,433.75		
	1	24"		FOSTER ADAPTER	*CHECK AVAILABILITY		REST	\$1,586.55	\$1,586.55		
	1	24"		MJ CAP	C153		FTG	\$2,065.00	\$2,065.00		
	2	24"		MEGALUG F/DI			REST	\$390.00	\$780.00		
	1	30"X24"		MJ CONC REDUCER	C110		FTG	\$8,567.50	\$8,567.50		
	1	30"X20"		MJ TEE	C110		FTG	\$12,817.50	\$12,817.50		
	1	30"		FOSTER ADAPTER	*CHECK AVAILABILITY		REST	\$2,333.21	\$2,333.21		
	36	24"		DUCTILE IRON PIPE	GAUGED		PIPE	\$106.00	\$3,816.00		
	2	36"X20"		MJ TEE	C110		FTG	\$26,871.25	\$53,742.50		
	1	36"X30"		MJ CONC REDUCER	C110		FTG	\$13,242.50	\$13,242.50		
	1	36"		FOSTER ADAPTER			REST	\$3,033.21	\$3,033.21		
	2	30"		MEGALUG F/DI			REST	\$1,029.21	\$2,058.42		
	3	36"		MEGALUG F/DI			REST	\$1,160.00	\$3,480.00		
	36	30"		DUCTILE IRON PIPE	GAUGED		PIPE	\$161.74	\$5,822.68		
	1	36"X6"		TAPPING SADDLE (LOOK FOR OPTIONS)			MISC	\$4,346.84	\$4,346.84		
	1	36"X30"		MJ TEE (NSF EPOXY LINING) CERAMAWRAP OR EC	C110		FTG	\$40,740.00	\$40,740.00		
	2	36"		MEGALUG F/DI			REST	\$1,160.00	\$2,320.00		
	1	36"		CERAMAWRAP LINED PE X PE PIPE APPROX 16'			SPOOL	\$16,215.00	\$16,215.00		
	1	30"	4'	PE X GRV SPOOL CERAMAWRAP			SPOOL	\$7,409.19	\$7,409.19		
	4	20"	5'	PE X GRV SPOOL			SPOOL	\$1,734.75	\$6,939.00		
	4	20"		MEGALUG F/DI			REST	\$347.34	\$1,389.35		
	36	36"		DUCTILE IRON PIPE	GAUGED CML/AC		PIPE	\$216.54	\$7,795.48		
				6" FE							
	2	6"		MJ 90	C110		FTG	\$305.00	\$610.00		
	5	6"		MEGALUG F/DI			REST	\$38.38	\$191.88		

**Item No. 4, Attachment 4
Quotes**

	LENGTH	DESCRIPTION	EST NOTES	AVAILABILITY	PRODUCT GROUP	UNIT PRICE	AMOUNT
1	10'	FXPE SPOOL			SPOOL	\$826.94	\$826.94
1	6"	MJXFLG ADPT	C 110		FTG	\$272.50	\$272.50
1	6"	NBG			MISC	\$69.00	\$69.00
						SUBTOTAL	
						OTHER	
						TOTAL	\$383,084.78

If you have any questions concerning this quotation, contact
 Sean Sutherland
 916-474-1625
sean@scapflow.com

EXECUTED

CONTRACT PURCHASE ORDER



Number 3474-204

Job No. 3474-
SRWA Water Treatment Plant

200 Parr Boulevard, Richmond, CA 94801

p 510-234-0926 f 510-237-2435 www.overaa.com

Date: 11/09/21

To: Jay Forni - jay@jifco.com
Jifco Inc.
P. O. Box 589
Livermore, CA 94551-0589

Jobsite: 3474-SRWA Water Treatment Plant
1235 Aldrich Rd.
Hughson, CA 95326

Ship To: Jobsite

Phone: 925.449.4665
Fax: 925.449.5517

Targeted Delivery Date By:
As Scheduled

Ship Via:
Best Way

Delivery Point:
Jobsite

Terms:
Net 30 days

Specifically includes, but is not limited to, Specification Sections: 40 27 00 Process Piping - General; 40 27 00.03 Carbon Steel Pipe and Fittings; 40 27 00.08 Stainless Steel Pipe and Fittings; 40 27 01 Process Piping Specialties

Scope of supply includes:

Finish Water Pump Station: All Raw Water piping from Clearwell outlet to the (14ea) Vertical Turbine pump cans; All BWS piping from pump discharge flanges on BWS Pumps up to and including 30" x 24" tee with tapped blind flange; All Ceres FW piping from pump discharge flanges on Ceres FW Pumps up to and including 30" x 18" tee with tapped blind flange; All Turlock FW piping from pump discharge flanges on Turlock FW Pumps up to and including 42" x 24" tee with tapped blind flange; All UW piping from pump discharge flanges on UW Pumps up to and including 10" tee with tapped blind flange.

Yard Piping: All 42" and 30" Finished Water Piping for Ceres and Turlock FW lines from above ground tees with blind flanges to points of connection at Ceres and Turlock Transmission Mains, including branches off main lines that terminate at Surge Tanks flanges; 36" FE line from FE outlet at Clearwell to second flex coupling north of Filter Complex; All 36" RW piping from Point 1203 to Point 1104 as shown on yard piping plans.

Raw Water pump Station: All Raw Water piping from Vertical Turbine pump discharge flanges to demarcation point where 48" RW transitions to Design Package 4.

Raw Water Outfall Structure: 48" RW flanged wall spool with weep ring and blind flange.

Flow Split Facility: All 48" RW piping between contract demarcation points as shown on plans, including removable spools and temporary blind flanges; 36" RW from 48" x 36" tee to Point 1203; 6" RW piping to and from Chemical Injection Pump, including Hastelloy C injector pipe; 10" RCY from demarcation point to point of connection at 36" RW.

Rapid Mix: All RW piping from Point 1104 to 24" Butterfly Valves outside Floc/ Sed Basin; All 6" and 4" RW piping to and from Rapid Mix Pumps, including Hastelloy C injector pipe.

Ozone Contactors and Filters: All BWS, FTW and FE piping in the Filter Gallery, from 90° elbows above ground to locations of 30" wall spools on C-line; 30" and 36" FI piping from 30" flanged wall spools to 36" flanged wall spool.

Stainless Steel Piping: All 4" OZW/PD piping from Ozone Contactor floor to point of transition outside building footprint; All BWS piping at Ozone Contactors/ Filters from point of connection at Air Scour Blowers to points of connection at flanged wall spools in Filter Gallery; All 2", 3" and 4" OG and OG/V piping, blind flanges, vent pipes and spools cast in concrete deck.

The above is furnished including all buttstraps, weld bells, joint diapers, elbows, reducers, tees, wyes, caps, flanges, blind flanges, flanged outlets, threaded outlets, sleeve type couplings, flanged coupling adapters, harness assemblies, wall spools, weep rings and mating bolt, nut and gasket sets. All materials conform to the requirements of AIS.

General Terms:

1. Payment Terms: 10% for approved shop drawing submittals, 80% for material delivery, and 10% for Engineer's approval of materials.
2. California Sales Tax to be listed as a separate line item on supplier's invoice.
3. Submittals: Submit one (1) electronic copy of shop drawings and product literature. Submittals required by:
4. Delivery: Jobsite receiving hours are between 7:00 AM and 2:00 PM. Contact, Project Manager Manuel Azevedo @ 510-719-0017 to coordinate.
5. Delivery lead time is 12-16 weeks for manufacture of pipe material. Fabrication lead time is 4-6 weeks after approved shop drawing submittals. All pipe is to be ordered from manufacturer upon receipt of this purchase order.
6. Supplier shall provide a bi weekly update, via email, on status of submittals and delivery to, Project Manager Manuel Azevedo, at manuela@overaa.com.
7. Factory coatings and linings are to be as specified. *Top coat for exposed pipe is not included.*
8. Seismic anchorage design calculations ~~as specified~~ *are excluded.*
9. All shop testing is to be performed as specified.
10. Purchase order for stated scope of work is based upon 100% design drawings and specifications for this Design-Build project.
11. Exclusions: Valves, non-mating flange insulation kits, valve bolting, flow meters, back flow preventers, pumps, pipe supports and hangers, pipe straps, PVC pipe, copper pipe, ductile iron pipe.

MA NK RJ

Please contact the main office to check availability of hard copies of plans and specifications. Project Plans and Specifications are available for download via Egnyte. Please contact Robin Hansen robinh@overaa.com to receive an email link for access to project documents.

Description	Amount
Materials Cost	\$3,397,735.00
Sales Tax 7.875%	\$267,571.63
Freight	\$42,375.00

(Phase Code: 400501-920-041)

Total: \$3,707,681.63

Jifco Inc.
VENDOR

By:

signature

C. OVERAA & CO.

BUYER

Nicholas Kebbas

By:

signature

MA

RJ

Contractor's License No. 106793

By signing above, Vendor agrees to the terms and conditions of this purchase order.
Return signed purchase order within 7 days. Fully executed copy will be returned for your files.

COMPLETE AGREEMENT

This order, including the terms and conditions, contains the complete and final agreement between C. Overaa & Co. ("Buyer") and Seller, and supersedes any prior proposals, quotes, discussions, correspondence or prior dealings with Buyer and Seller. Commencing performance or making deliveries or acknowledgement of the Agreement shall constitute an acceptance of this Agreement by Seller.

CHANGES AND RIGHT TO TERMINATE

Buyer may make any change, including, without limitations, additions or deductions in quantities, specification or drawing change, delivery change, suspension or termination. In the event of any change or termination, Buyer shall equitably adjust the price by negotiation with Seller. Such adjustment will take into account unavoidable costs incurred by Seller as a result of the change or termination, including, without limitation, the costs of materials that cannot be returned or re-used, the cost of returning materials, costs incurred in manufacture, plus a reasonable mark-up on those costs for overhead and profit. In the event parties cannot agree to a price adjustment, the adjustment shall be determined pursuant to the disputes provision of this Agreement. Seller must submit to Buyer the information necessary to evaluate Seller's claim for a price adjustment within ten days of notice to the Seller of the change or termination.

If the Owner orders Buyer to change, terminate, or suspend the work included in this Agreement, Seller shall comply with Owner's order and the price shall be adjusted only as allowed for by Owner. Buyer agrees to present Seller's reasonable claim to Owner and to prosecute it according to the terms of the Prime Contract, provided Seller provides Buyer with sufficient information so that Buyer can comply with the claims and dispute resolution procedures of the Prime Contract. Seller agrees to cooperate in and be bound by the terminations and dispute resolution provisions of the Prime Contract. If, in the course of those dispute resolution procedures, Buyer incurs costs, such as attorneys' fees or expert witness fees, Seller agrees to reimburse Buyer for Seller's equitable share.

Changes will be binding on Buyer only if in writing and signed by Buyer. Nothing provided in this change provision shall excuse the seller from performing diligently this Agreement as changed.

PROJECT PLANS AND SPECIFICATIONS

Seller expressly warrants that all items and work covered by this Agreement will be in strict compliance with the Plans and Specifications. The project Plans and Specifications are hereby fully incorporated into this Agreement. Seller agrees to be bound by any and all of these documents and to be bound to Buyer to the same extent as Buyer is bound to the Owner relative to the work provided for in this agreement. Electronic copies of the Plans and Specifications are available on request.

SUBMITTAL DATA

Seller shall submit to Buyer complete, responsive submittal packages consisting of, but not limited to, as required by the specifications or by the Owner, shop drawings, design calculations, samples, material data, spare parts list, performance data, and other appurtenant literature for Owner's approval, no later than two (2) weeks after receipt of this order. If resubmittals are required, Seller must resubmit all required information to Buyer within one (1) week after Seller's receipt of resubmittal requirements. Seller's delivery time will be reduced an amount of time equal to any avoidable delays in receipt of submittals or resubmittals. Seller shall specifically state any discrepancies or deviations from the Plans and Specifications in a cover letter to the submittal package; otherwise, it will be assumed there are no such discrepancies.

Seller shall furnish Operations and Maintenance Manuals with as-built drawings in accordance with the Project Specifications. These manuals must be submitted prior to shipment of all items.

SPARE PARTS AND SPECIAL TOOLS

Seller is to provide spare parts and/or special tools as required by Owner or recommended by Seller at no additional cost to Buyer prior to installation of items covered by this order. Spare parts and special tools must be packaged in a separate box clearly marked with contents.

DELIVERY

Time is of the essence in this Agreement. The Seller shall conform to the date(s) specified on the face of this order. All deliveries are to be DAT jobsite. Should delivery fail to be timely, Seller shall be liable for all damages suffered by buyer as a result of such failure, including without limitation, any liquidated damages imposed upon Buyer under Buyer's prime contract. Seller shall not be liable for unavoidable delays in shipment caused by, but not limited to, acts of God, acts of Buyer, acts of public utilities, fire, flood, epidemics, strikes (other than against Seller), or unusually severe weather, provided the Seller notifies Buyer in writing of any unavoidable delay, and provides such notice within a time frame enabling Buyer to present a timely claim for delay to Owner.

PAYMENT

Seller's invoice shall set forth the acceptable items delivered to the jobsite, the date of delivery, and the itemized cost of the items delivered. The obligation of Buyer to make any payment hereunder is subject to the condition precedent of payment by Owner to Buyer for materials covered by this Purchase Order. In the event Owner does not make payment for reasons not arising out of Buyer's culpable acts, Seller agrees its sole remedy shall be against the Owner. Buyer agrees to present Seller's reasonable claim to Owner and to prosecute it according to the terms of the Prime Contract, provided Seller provides Buyer with sufficient information so that Buyer can comply with the claims and dispute resolution procedures of the Prime Contract. Seller agrees to cooperate in and be bound by the terminations and dispute resolution provisions of the Prime Contract. If, in the course of those dispute resolution procedures, Buyer incurs costs, such as attorneys' fees or expert witness fees, Seller agrees to reimburse Buyer for Seller's equitable share.

Payment schedule for acceptable delivered items shall be as follows: 90% within 30 days of jobsite delivery date; 10% within 35 days of start-up, testing, and Owner's acceptance.

No more than 75% of the order amount will be paid by Buyer, until the required Operation and Maintenance Manuals, spare parts lists, and special tools are received.

WARRANTY

Seller warrants to Buyer that it has fully and carefully reviewed the provisions, specifications, drawings, samples, or other descriptions contained in this Agreement and in the project Plans and Specifications. Seller warrants to Buyer that all materials shall be free from all defects, shall be of the quality specified, shall be fit and appropriate for the purpose specified, and shall conform to the provisions, specifications, performance standards, drawings, samples, and other descriptions contained herein or in the project Plans and Specifications. Seller further warrants that the materials will be complete in all respects necessary to make the materials fully functional if installed in accordance with the Plans and Specifications and Seller's recommendations. Seller guarantees to Buyer that the materials rendered shall be free of any and all defects in workmanship and materials and that equipment provided shall operate as specified, for the longer of one year from date of initial operation or as required in the project Plans and Specifications. During the guarantee period, Seller agrees to remedy all defects by adjustment, repair, or replacement within ten (10) days of notification at no cost to Buyer. Seller shall assume all responsibility and expense for removal, freight, and reinstallation in connection with the forgoing remedies. If seller has failed to take corrective action within the ten (10) days allowed, Buyer may, at its sole discretion, perform warranty repair work at Seller's expense. Seller shall have no obligation to repair under warranty any items which have not been operated or maintained in accordance with the Seller's operation and maintenance manuals. In no event shall Seller's obligations hereunder expire prior to any guarantee or warranty period(s) imposed on Buyer.

DEFAULTS

If Seller fails to perform any of its obligations hereunder, Buyer, at its option and in addition to and without prejudice to any other rights afforded herein or by law, after giving Seller two (2) working days' notice in writing and if not cured during such notice period (or, if the cure will take longer than two (2) days, if not begun during such notice period and prosecuted diligently) and without further notice to Seller, shall have the right: a) to provide any such labor and materials as may be necessary and deduct the cost thereof including, without limitation, Buyer's profit and overhead from any money then due or thereafter to become due to the Seller under this Agreement or b) to terminate Seller's right to proceed with the work and employ others to finish the work and provide materials. If Seller's right to proceed with the work is terminated, Seller shall not be entitled to receive any further payment under this Agreement until all the work undertaken by Buyer is completely finished. At that time, if the unpaid balance of the amount to be paid under this Agreement exceeds the expenses incurred by Buyer in finishing Seller's work, the excess shall be paid by Buyer, but, if the expenses shall exceed the unpaid balance, then Seller shall promptly pay the amount by which the expenses exceed the unpaid balance. The expenses referred to in the last sentence shall include expenses incurred by Buyer for furnishing materials, for finishing the work, plus a markup of twenty-five percent (25%) overhead and profit, and for any other damages sustained by Buyer by reason of Seller's default. In the event of an emergency affecting the safety of persons or property, no notice shall be required.

PATENTS

Seller undertakes and agrees to defend, at Seller's sole expense, all suits, actions, or proceedings in which Buyer, its successors or assigns or the Owner under the prime contract are made defendants for actual or alleged infringement of any U.S. or foreign letters patent resulting from the use or sale of the items purchased hereunder, and further agrees to pay and discharge any and all judgments or decrees which may be rendered in any such suit, action, or proceedings against such defendants therein.

APPLICABLE LAWS

The definitions of terms used, interpretation of this Agreement, and the rights of all parties hereunder, shall be construed under and governed by the applicable federal, state, and local laws, ordinances and regulations of the location of the job site. Whenever Buyer is not the ultimate consumer of the materials, all rights, benefits, and remedies conferred upon Buyer hereunder shall accrue and be available to and are for the express benefit of any successors and interest to the materials, including the ultimate consumer of the items covered by this Agreement.

MSDS

California State Law requires manufacturers and suppliers of materials which contain one or more hazardous substances, as determined by CAL/OSHA or any state, federal law, provision, or regulation to furnish Buyer a material safety data sheet (MSDS) on Form OSHA20.

INDEMNITY AND INSURANCE

Seller shall indemnify and hold harmless Buyer against all damages, injuries, claims or liabilities and expenses (including attorney's fees) arising out of or resulting in any way from any defect in goods or performance of any services purchased hereunder, or any act or omission of Seller, its agents, employees or subcontractors. This indemnification shall be in addition to the warranty obligation of Seller. If a third party claim arises solely from an alleged act or omission of Seller or Seller's materials or equipment, then Seller shall defend Buyer. If only part of a third party claim arises from Seller's alleged acts or omissions or Seller's materials or goods, then Seller agrees to cooperate with Buyer in the defense of the claim, to participate in the dispute resolution process, and to reimburse Buyer for Seller's equitable share of the expenses of such defense.

Seller shall, at a minimum, obtain and maintain general liability, automobile liability and workers' compensation/ employer's liability coverage with minimum limits of \$1,000,000, and Buyer shall be additional insured with respect to the general liability and automobile liability coverages and a waiver of subrogation shall apply with respect to the workers' compensation coverage. Seller shall immediately provide evidence of such coverage, including endorsements, upon request of Buyer.

DISPUTES

This agreement shall be construed in accordance with the laws of the State of California. If at any time any controversy shall arise solely between Buyer and Seller regarding anything pertaining to this Agreement which the parties hereto do not promptly adjust and determine, or which the Owner's Representative or Architect cannot decide to the satisfaction of both parties, then the dispute shall be resolved by binding arbitration. In the event of a dispute between Buyer and Owner that involves Seller's work, materials or goods, then Buyer may require Seller's participation as a party to the dispute resolution proceeding or Seller may elect to participate as a party, or Seller may elect not to participate as a party but to cooperate fully with Buyer in presenting and defending claims raised by the dispute; but, in any event, Seller agrees to be bound by the outcome of the dispute resolution process between Buyer and Owner, and to accept as full compensation for its claim its prorata share of the judgment, settlement or award.

BUY AMERICAN ACT

Shall apply when specified.

NOTICES

All notices under this Agreement shall be in writing and shall be effective when delivered to the address given for each party in this Agreement as proved by affidavit of personal delivery, certified mail return receipt, reply email and/or tracking software of a nationally recognized courier company, such as Federal Express or United Parcel Service.

CERTIFIED PAYROLL

If required by law or by the Owner, Seller shall provide complete and timely certified payroll information to Buyer via LCP Tracker or such other system as may be specified, required or used by the Owner.

AP Job Transactions Drilldown

Ductile Iron Buyout
to-date

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job	Gross	Payable	Discount	Net	
JCCo: 1 C. Overaa & Co.					
3474-	SRWA Water Treatment Plant				
262104	Capital Flow Waterworks	1,870,289.72	0.00	0.00	0.00

Trans	Ref	Invoice Date	Description	Due Date	Gross	Payable	Discount	Net
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Month: 06/21

2011	14663	06/16/21	3474	07/16/21	238.88	0.00	0.00	0.00
	Attachment(s)							
2012	14666	06/16/21	3474	07/16/21	1,869.04	0.00	0.00	0.00
	Attachment(s)							
2541	14662	06/16/21	3474	07/16/21	5,298.09	0.00	0.00	0.00
	Attachment(s)							
2542	14664	06/16/21	3474	07/16/21	8,130.40	0.00	0.00	0.00
	Attachment(s)							
2543	14665	06/16/21	3474	07/16/21	7,220.22	0.00	0.00	0.00
	Attachment(s)							
2544	14671	06/16/21	3474	07/16/21	7,719.56	0.00	0.00	0.00
	Attachment(s)							
2545	14715	06/21/21	3474	07/21/21	26,936.86	0.00	0.00	0.00
	Attachment(s)							
2546	14716	06/21/21	3474	07/21/21	7,129.78	0.00	0.00	0.00
	Attachment(s)							
2547	14733	06/22/21	3474	07/22/21	5,307.45	0.00	0.00	0.00
	Attachment(s)							
2548	14758	06/23/21	3474	07/23/21	18,092.02	0.00	0.00	0.00
	Attachment(s)							
2550	14797	06/28/21	3474	07/28/21	5,436.90	0.00	0.00	0.00
	Attachment(s)							
2551	14804	06/28/21	3474	07/28/21	11,061.34	0.00	0.00	0.00
	Attachment(s)							

Month: 07/21

397	14958	07/14/21	3474	08/13/21	4,120.83	0.00	0.00	0.00
	Attachment(s)							
857	14873	07/02/21	3474	08/01/21	5,436.90	0.00	0.00	0.00
	Attachment(s)							
859	14888	07/06/21	3474	08/05/21	13,993.50	0.00	0.00	0.00
	Attachment(s)							
923	14997	07/19/21	3474	08/18/21	6,420.72	0.00	0.00	0.00
	Attachment(s)							

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
924	14988	07/16/21	3474	08/15/21	5,255.67	0.00	0.00	0.00
	Attachment(s)							
926	15007	07/20/21	3474	08/19/21	63,430.50	0.00	0.00	0.00
	Attachment(s)							
927	15006	07/20/21	3474	08/19/21	58,822.08	0.00	0.00	0.00
	Attachment(s)							
942	15018	07/21/21	3474	08/20/21	30,420.75	0.00	0.00	0.00
	Attachment(s)							
1270	15052	07/23/21	3474	08/22/21	16,008.65	0.00	0.00	0.00
	Attachment(s)							
1278	15106	07/23/21	3474	08/22/21	8,759.45	0.00	0.00	0.00
	Attachment(s)							
1376	15141	07/30/21	3474	08/29/21	4,455.24	0.00	0.00	0.00
	Attachment(s)							
1839	15140	07/30/21	3474	08/29/21	20,964.43	0.00	0.00	0.00
	Attachment(s)							
1840	15145	07/30/21	3474	08/29/21	6,996.77	0.00	0.00	0.00
	Attachment(s)							
1841	15149	07/30/21	3474	08/29/21	6,468.70	0.00	0.00	0.00
	Attachment(s)							
Month: 08/21								
533	15201	08/03/21	3474	09/02/21	1,321.51	0.00	0.00	0.00
	Attachment(s)							
534	15200	08/03/21	3474	09/02/21	204.01	0.00	0.00	0.00
	Attachment(s)							
587	15281	08/13/21	3474	09/12/21	470.85	0.00	0.00	0.00
	Attachment(s)							
591	15285	08/13/21	3474	09/12/21	1,848.20	0.00	0.00	0.00
	Attachment(s)							
592	15288	08/13/21	3474	09/12/21	3,052.73	0.00	0.00	0.00
	Attachment(s)							
684	15342	08/23/21	3474	09/22/21	2,468.24	0.00	0.00	0.00
	Attachment(s)							
820	15197	08/03/21	3474	09/02/21	5,286.05	0.00	0.00	0.00
	Attachment(s)							
821	15198	08/03/21	3474	09/02/21	11,141.63	0.00	0.00	0.00
	Attachment(s)							
822	15199	08/03/21	3474	09/02/21	93,248.50	0.00	0.00	0.00
	Attachment(s)							
823	15212	08/04/21	3474	09/03/21	20,582.55	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
823	15212	08/04/21	3474	09/03/21	20,582.55	0.00	0.00	0.00
	Attachment(s)							
824	15213	08/04/21	3474	09/03/21	36,674.61	0.00	0.00	0.00
	Attachment(s)							
837	15225	08/09/21	3474	09/08/21	20,582.55	0.00	0.00	0.00
	Attachment(s)							
854	15282	08/13/21	3474	09/12/21	20,690.13	0.00	0.00	0.00
	Attachment(s)							
855	15286	08/13/21	3474	09/12/21	13,804.58	0.00	0.00	0.00
	Attachment(s)							
856	15289	08/13/21	3474	09/12/21	20,614.91	0.00	0.00	0.00
	Attachment(s)							
857	15287	08/13/21	3474	09/12/21	5,660.11	0.00	0.00	0.00
	Attachment(s)							
2657	15390	08/25/21	3474	09/24/21	1,498.77	0.00	0.00	0.00
	Attachment(s)							
2658	15389	08/25/21	3474v	09/24/21	3,365.70	0.00	0.00	0.00
	Attachment(s)							
2660	15422	08/30/21	3474	09/29/21	207.01	0.00	0.00	0.00
	Attachment(s)							
2661	15444	08/31/21	3474	09/30/21	2,315.52	0.00	0.00	0.00
	Attachment(s)							
2668	15631	09/16/21	3474	10/16/21	115.51	0.00	0.00	0.00
	Attachment(s)							
2875	15490	08/31/21	3474	09/30/21	10,328.98	0.00	0.00	0.00
	Attachment(s)							
Month: 09/21								
860	15580	09/10/21	3474	10/10/21	115.51	0.00	0.00	0.00
	Attachment(s)							
861	15612	09/15/21	3474	10/15/21	3,775.63	0.00	0.00	0.00
	Attachment(s)							
874	15668	09/20/21	3474	10/20/21	582.53	0.00	0.00	0.00
	Attachment(s)							
1091	15527	09/07/21	3474	10/07/21	9,212.01	0.00	0.00	0.00
	Attachment(s)							
1092	15548	09/08/21	3474	10/08/21	25,530.78	0.00	0.00	0.00
	Attachment(s)							
1094	15579	09/10/21	3474	10/10/21	20,582.55	0.00	0.00	0.00
	Attachment(s)							
1095	15607	09/13/21	3474	10/13/21	14,104.66	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
1095	15607	09/13/21	3474	10/13/21	14,104.66	0.00	0.00	0.00
	Attachment(s)							
1096	15624	09/16/21	3474	10/16/21	12,312.46	0.00	0.00	0.00
	Attachment(s)							
1097	15638	09/16/21	3474	10/16/21	45,350.07	0.00	0.00	0.00
	Attachment(s)							
1098	15644	09/16/21	3474	10/16/21	7,992.66	0.00	0.00	0.00
	Attachment(s)							
Month: 10/21								
100	15782	10/01/21	3474	10/31/21	19,029.15	0.00	0.00	0.00
	Attachment(s)							
104	15807	10/04/21	3474	11/03/21	33,160.78	0.00	0.00	0.00
	Attachment(s)							
294	15839	10/07/21	3474	11/06/21	19,029.15	0.00	0.00	0.00
	Attachment(s)							
418	15883	10/08/21	3474	11/07/21	24,832.83	0.00	0.00	0.00
	Attachment(s)							
419	15879	10/11/21	3474	11/10/21	5,691.49	0.00	0.00	0.00
	Attachment(s)							
1599	16038	10/25/21	3474	11/24/21	9,579.30	0.00	0.00	0.00
	Attachment(s)							
1600	16039	10/25/21	3474	11/24/21	4,609.59	0.00	0.00	0.00
	Attachment(s)							
1601	16037	10/25/21	3474	11/24/21	9,743.27	0.00	0.00	0.00
	Attachment(s)							
1650	16097	10/21/21	3474	11/20/21	338.14	0.00	0.00	0.00
	Attachment(s)							
Month: 11/21								
955	16195	11/05/21	3474	12/05/21	4,743.89	0.00	0.00	0.00
	Attachment(s)							
966	16226	11/08/21	3474	12/08/21	645.57	0.00	0.00	0.00
	Attachment(s)							
973	16237	11/09/21	3474	12/09/21	1,676.81	0.00	0.00	0.00
	Attachment(s)							
1061	16402	11/18/21	3474	12/18/21	3,585.77	0.00	0.00	0.00
	Attachment(s)							
1273	16405	11/18/21	3474	12/18/21	6,719.06	0.00	0.00	0.00
	Attachment(s)							
1274	16401	11/18/21	3474	12/18/21	1,112.46	0.00	0.00	0.00
	Attachment(s)							
2117	16433	11/23/21	3474	12/23/21	16,871.65	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
2117	16433	11/23/21	3474	12/23/21	16,871.65	0.00	0.00	0.00
	Attachment(s)							
2312	16227	11/08/21	3474	12/08/21	1,696.06	0.00	0.00	0.00
	Attachment(s)							
2315	16337	11/16/21	3474	12/16/21	1,866.62	0.00	0.00	0.00
	Attachment(s)							
2324	15971	10/18/21	3474	11/17/21	1,913.26	0.00	0.00	0.00
	Attachment(s)							
2325	16069	10/27/21	3474	11/26/21	284.23	0.00	0.00	0.00
	Attachment(s)							
Month: 12/21								
554	16505	12/03/21	3474	01/02/22	2,698.81	0.00	0.00	0.00
	Attachment(s)							
558	16509	12/07/21	3474	01/06/22	3,155.34	0.00	0.00	0.00
	Attachment(s)							
579	16527	12/08/21	3474	01/07/22	1,113.30	0.00	0.00	0.00
	Attachment(s)							
669	16620	12/14/21	3474	01/13/22	1,853.08	0.00	0.00	0.00
	Attachment(s)							
710	16659	12/21/21	3474	01/20/22	-284.23	0.00	0.00	0.00
	Attachment(s)							
711	16658	12/21/21	3474	01/20/22	-539.38	0.00	0.00	0.00
	Attachment(s)							
712	16657	12/21/21	3474	01/20/22	-1,078.75	0.00	0.00	0.00
	Attachment(s)							
713	16656	12/21/21	3474	01/20/22	-1,618.13	0.00	0.00	0.00
	Attachment(s)							
714	16655	12/21/21	3474	01/20/22	-1,000.00	0.00	0.00	0.00
	Attachment(s)							
802	16533	12/10/21	3474	01/09/22	13,371.11	0.00	0.00	0.00
	Attachment(s)							
803	16532	12/01/21	3474	12/31/21	10,021.59	0.00	0.00	0.00
	Attachment(s)							
804	16531	12/01/21	3474	12/31/21	22,740.05	0.00	0.00	0.00
	Attachment(s)							
805	16535	12/10/21	3474	01/09/22	6,232.93	0.00	0.00	0.00
	Attachment(s)							
809	16540	12/10/21	3474	01/09/22	13,764.85	0.00	0.00	0.00
	Attachment(s)							
818	16563	12/13/21	3474	01/12/22	16,417.33	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
818	16563	12/13/21	3474	01/12/22	16,417.33	0.00	0.00	0.00
	Attachment(s)							
819	16564	12/13/21	3474	01/12/22	13,294.52	0.00	0.00	0.00
	Attachment(s)							
822	16621	12/16/21	3474	01/15/22	47,195.31	0.00	0.00	0.00
	Attachment(s)							
864	16665	12/20/21	3474	01/19/22	5,670.69	0.00	0.00	0.00
	Attachment(s)							
1656	16562	12/13/21	3474	01/12/22	2,135.93	0.00	0.00	0.00
	Attachment(s)							
1766	16736	12/27/21	3474	01/26/22	316.04	0.00	0.00	0.00
	Attachment(s)							
2214	16745	12/30/21	3474	01/29/22	6,148.88	0.00	0.00	0.00
	Attachment(s)							
Month: 01/22								
104	16765	01/03/22	3474	02/02/22	3,975.29	0.00	0.00	0.00
	Attachment(s)							
124	16773	01/04/22	3474	02/03/22	923.27	0.00	0.00	0.00
	Attachment(s)							
132	16783	01/05/22	3474	02/04/22	1,574.98	0.00	0.00	0.00
	Attachment(s)							
174	16788	01/06/22	3474	02/05/22	1,958.64	0.00	0.00	0.00
	Attachment(s)							
314	16784	01/05/22	3474	02/04/22	5,951.90	0.00	0.00	0.00
	Attachment(s)							
315	16785	01/03/22	3474	02/02/22	26,046.42	0.00	0.00	0.00
	Attachment(s)							
318	16818	01/11/22	3474	02/10/22	79,064.61	0.00	0.00	0.00
	Attachment(s)							
321	16875	01/17/22	3474	02/16/22	3,743.26	0.00	0.00	0.00
	Attachment(s)							
322	16892	01/14/22	3474	02/13/22	1,432.58	0.00	0.00	0.00
	Attachment(s)							
436	16913	01/18/22	3474	02/17/22	673.14	0.00	0.00	0.00
	Attachment(s)							
660	16936	01/21/22	3474	02/20/22	4,638.63	0.00	0.00	0.00
	Attachment(s)							
1034	16993	01/27/22	3474	02/26/22	308.57	0.00	0.00	0.00
	Attachment(s)							
1197	16929	01/19/22	3474	02/18/22	9,663.44	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
1197	16929	01/19/22	3474	02/18/22	9,663.44	0.00	0.00	0.00
	Attachment(s)							
1209	16944	01/24/22	3474	02/23/22	16,181.25	0.00	0.00	0.00
	Attachment(s)							
1237	16960	01/22/22	3474	02/21/22	23,667.78	0.00	0.00	0.00
	Attachment(s)							
Month: 02/22								
103	17080	02/02/22	3474	03/04/22	75.00	0.00	0.00	0.00
	Attachment(s)							
111	17105	02/02/22	3474	03/04/22	3,675.52	0.00	0.00	0.00
	Attachment(s)							
260	17115	02/04/22	3474	03/06/22	15,911.56	0.00	0.00	0.00
	Attachment(s)							
291	17182	02/09/22	3474	03/11/22	960.09	0.00	0.00	0.00
	Attachment(s)							
651	17236	02/10/22	3474	03/12/22	388.35	0.00	0.00	0.00
	Attachment(s)							
2031	17376	02/25/22	3474	03/27/22	22,850.08	0.00	0.00	0.00
	Attachment(s)							
Month: 03/22								
908	17445	03/02/22	3474	04/01/22	24,177.38	0.00	0.00	0.00
	Attachment(s)							
909	17455	03/02/22	3474	04/01/22	8,165.63	0.00	0.00	0.00
	Attachment(s)							
912	17496	03/03/22	3474	04/02/22	12,130.33	0.00	0.00	0.00
	Attachment(s)							
913	17541	03/09/22	3474	04/08/22	19,623.54	0.00	0.00	0.00
	Attachment(s)							
929	17633	03/16/22	3474	04/15/22	5,886.17	0.00	0.00	0.00
	Attachment(s)							
1297	17693	03/22/22	3474	04/21/22	4,498.39	0.00	0.00	0.00
	Attachment(s)							
1884	17588	03/15/22	3474	04/14/22	1,046.39	0.00	0.00	0.00
	Attachment(s)							
Month: 04/22								
301	17945	04/12/22	3474	05/12/22	-471.48	0.00	0.00	0.00
	Attachment(s)							
308	17965	04/08/22	3474	05/08/22	755.13	0.00	0.00	0.00
	Attachment(s)							
594	17894	04/06/22	3474	05/06/22	9,845.75	0.00	0.00	0.00
	Attachment(s)							

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
613	17939	04/08/22	3474	05/08/22	8,032.94	0.00	0.00	0.00
	Attachment(s)							
1489	18300	04/27/22	3474	05/27/22	4,872.43	0.00	0.00	0.00
	Attachment(s)							
1571	18019	04/13/22	3474	05/13/22	6,370.02	0.00	0.00	0.00
	Attachment(s)							
1573	18119	04/13/22	3474	05/13/22	5,601.81	0.00	0.00	0.00
	Attachment(s)							
1585	18297	04/26/22	3474	05/26/22	9,371.31	0.00	0.00	0.00
	Attachment(s)							
Month: 05/22								
106	18363	05/02/22	3474	06/01/22	153.47	0.00	0.00	0.00
	Attachment(s)							
114	18368	05/02/22	3474	06/01/22	755.13	0.00	0.00	0.00
	Attachment(s)							
115	18390	05/05/22	3474	06/04/22	51,935.94	0.00	0.00	0.00
	Attachment(s)							
116	18391	05/05/22	3474	06/04/22	26,216.85	0.00	0.00	0.00
	Attachment(s)							
788	18438	05/06/22	3474	06/05/22	426.11	0.00	0.00	0.00
	Attachment(s)							
880	18655	05/19/22	3474	06/18/22	111.47	0.00	0.00	0.00
	Attachment(s)							
886	18684	05/19/22	3474	06/18/22	888.39	0.00	0.00	0.00
	Attachment(s)							
1062	18665	05/19/22	3474	06/18/22	1,262.14	0.00	0.00	0.00
	Attachment(s)							
1155	18769	05/27/22	3474	06/26/22	-127.93	0.00	0.00	0.00
	Attachment(s)							
1481	18429	05/05/22	3474	06/04/22	20,869.37	0.00	0.00	0.00
	Attachment(s)							
1489	18502	05/10/22	3474	06/09/22	5,393.75	0.00	0.00	0.00
	Attachment(s)							
1504	18590	05/16/22	3474	06/15/22	6,465.87	0.00	0.00	0.00
	Attachment(s)							
1510	18605	05/18/22	3474	06/17/22	40,582.58	0.00	0.00	0.00
	Attachment(s)							
1530	18652	05/18/22	3474	06/17/22	6,380.21	0.00	0.00	0.00
	Attachment(s)							
1558	18714	05/16/22	3474	06/15/22	12,912.52	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
1558	18714	05/16/22	3474	06/15/22	12,912.52	0.00	0.00	0.00
	Attachment(s)							
2079	17877	04/05/22	3474	05/05/22	26,573.93	0.00	0.00	0.00
	Attachment(s)							
Month: 06/22								
1174	19131	06/13/22	3474	07/13/22	1,933.12	0.00	0.00	0.00
	Attachment(s)							
1570	19258	06/20/22	3474	07/20/22	755.13	0.00	0.00	0.00
	Attachment(s)							
1737	18991	06/07/22	3474	07/07/22	12,015.06	0.00	0.00	0.00
	Attachment(s)							
1738	18990	06/07/22	3474	07/07/22	10,063.60	0.00	0.00	0.00
	Attachment(s)							
1753	19008	06/15/22	3474	07/15/22	12,266.48	0.00	0.00	0.00
	Attachment(s)							
1754	19009	06/15/22	3474	07/15/22	33,017.69	0.00	0.00	0.00
	Attachment(s)							
1791	19126	06/21/22	3474	07/21/22	8,068.99	0.00	0.00	0.00
	Attachment(s)							
2130	19163	06/23/22	3474	07/23/22	1,825.25	0.00	0.00	0.00
	Attachment(s)							
Month: 07/22								
393	19308	07/01/22	3474	07/31/22	1,531.83	0.00	0.00	0.00
	Attachment(s)							
782	19526	07/21/22	3474	08/20/22	1,557.72	0.00	0.00	0.00
	Attachment(s)							
1005	19561	07/27/22	3474	08/26/22	2,368.94	0.00	0.00	0.00
	Attachment(s)							
1071	17466	03/03/22	3474	04/02/22	1,249.52	0.00	0.00	0.00
	Attachment(s)							
1179	19420	07/18/22	3474	08/17/22	26,968.75	0.00	0.00	0.00
	Attachment(s)							
1209	19533	07/25/22	3474	08/24/22	8,677.93	0.00	0.00	0.00
	Attachment(s)							
1317	19608	07/27/22	3474	08/26/22	394.82	0.00	0.00	0.00
	Attachment(s)							
1318	19605	07/29/22	3474	08/28/22	1,959.01	0.00	0.00	0.00
	Attachment(s)							
1401	19631	07/29/22	3474	08/28/22	23,623.55	0.00	0.00	0.00
	Attachment(s)							
1403	19636	07/29/22	3474	08/28/22	13,886.75	0.00	0.00	0.00

AP Job Transactions Drilldown

All Months Open Trans. Only? N
 JC Companies: 1 - 1 Jobs: 3474- - 3474-
 All SM Companies All SM Work Orders

Job					Gross	Payable	Discount	Net
3474-		SRWA Water Treatment Plant						
1403	19636	07/29/22	3474	08/28/22	13,886.75	0.00	0.00	0.00
	Attachment(s)							
1419	17908	04/07/22	3474	05/07/22	0.00	0.00	0.00	0.00
	Attachment(s)							
1420	17932	04/08/22	3474	05/08/22	0.00	0.00	0.00	0.00
	Attachment(s)							
1421	18418	05/05/22	3474	06/04/22	21,747.21	0.00	0.00	0.00
	Attachment(s)							
Month: 08/22								
487	19825	08/15/22	3474	09/14/22	545.85	0.00	0.00	0.00
	Attachment(s)							
731	19820	08/15/22	3474	09/14/22	5,732.75	0.00	0.00	0.00
	Attachment(s)							
1068	19942	08/24/22	3474	09/23/22	1,695.79	0.00	0.00	0.00
	Attachment(s)							
1078	19975	08/25/22	3474	09/24/22	4,682.85	0.00	0.00	0.00
	Attachment(s)							
1089	20013	08/26/22	3474	09/25/22	660.73	0.00	0.00	0.00
	Attachment(s)							
1272	19834	08/15/22	3474	09/14/22	15,254.57	0.00	0.00	0.00
	Attachment(s)							
2211	19643	08/02/22	3474	09/01/22	7,545.98	0.00	0.00	0.00
	Attachment(s)							
Month: 09/22								
48	20073	09/01/22	3474	10/01/22	3,345.56	0.00	0.00	0.00
	Attachment(s)							
217	20151	09/07/22	3474	10/07/22	1,062.17	0.00	0.00	0.00
	Attachment(s)							
218	20150	09/07/22	3474	10/07/22	358.00	0.00	0.00	0.00
	Attachment(s)							
514	20207	09/12/22	3474	10/12/22	91.60	0.00	0.00	0.00
	Attachment(s)							
516	20208	09/12/22	3474	10/12/22	1,258.03	0.00	0.00	0.00
	Attachment(s)							

**SRWA
Uncontrollable Circumstance
Written Report**

Topic	Written Report Information
Impact Item No.:	5
Brief Description:	Joists & Decking
Date Written Report Prepared or Updated:	10/27/22
Revision:	0
Change Type:	Change Due to Uncontrollable Circumstance
Contract References:	Definition of Uncontrollable Circumstance Article 6.2.C – Design-Build Price Adjustments Article 8.3 – Uncontrollable Circumstances – Entitlement to Relief Article 8.4 – Uncontrollable Circumstances – Claims Procedures Article 10.8 Cost Substantiation of Cost Already Performed
Applicable Uncontrollable Circumstance (UC) Definition:	Inclusion 1.d naturally occurring events (except weather conditions normal for the Sites) such as landslides, underground movement, earthquakes, fires, tornadoes, hurricanes, floods, lightning, epidemics (including, expressly, the COVID-19 pandemic), and other acts of God;
Event Which Constitutes UC:	COVID-19 shutdowns, work from home orders
Date Impact First Identified:	2/1/2022
Date Company has knowledge UC is likely to cause entitlement:	7/13/2022
Version of Submittal of Specific Relief Request:	First Submittal of Written Report, not Final
Detailed UC Description:	<p>As the project advanced from 60% Design to 90% Design, the team was notified that costs were increasing on joists and decking due to impacts from COVID-19. JD2 informed the team the price will be increasing and schedule dates are delayed. Due to COVID-19 production limitation and large buyers like Amazon buying significant quantities from the market, the open-web steel joists had a lead-time of 12 to 14 months, which would have significantly impacted the schedule.</p> <p>To mitigate project impacts due to long lead times, the team elected to explore design options and alternate material types. First the Jacobs' design team re-evaluated sizing requirements and layouts to minimize quantity impacts. Jacobs and Overaa</p>

Topic	Written Report Information
	eventually determined the best strategy was to change joists members to structural shapes.
Final Mitigation Strategy:	Jacobs changed the roofing members from joists to structural shapes via DCN 008 issued for construction on Feb 8, 2022. This provided the best balance to cost and schedule impacts.
Applicable DB Contract Article 6.2.C – Base Design-Build Price Adjustments:	<ol style="list-style-type: none"> 1. Adjustment for Change Order: No 2. Adjustment for Uncontrollable Circumstance: Yes 3. Adjustment for Certain Raw Materials Cost Fluctuations: No
UC Costs (\$):	<p>\$191,826.00 (cost delta as quoted) \$215,147.25 (total cost for Overaa)</p> <p>Note the cost assessment for costs due to UC are \$58,932.24. See attached Cost Fluctuation Analysis documentation. The above UC costs of \$215,147.25 are deemed high.</p>
UC Total Costs (\$), including bonds, insurances, and fees:	\$241,868.53
UC Time Extension to Schedule (days):	0 days impact to critical path
UC Change to Performance Obligations:	N/A

JACOBS

UC Cost Estimate

SRWA Project
Project No. SRWA2019

UC Impact No. 5
Joists & Decking

UC COST ESTIMATE SUMMARY PAGE				
Description	Qty	Unit	Unit Cost	Total Cost
Direct Costs				
Jacobs Self-Performance	-	ls	\$ -	\$0.00
Process Equipment	-	ls	\$ -	\$0.00
Subcontractors				
General Contractor	1.00	ls	\$ 215,147.25	\$215,147.25
Subtotal Direct Costs				\$215,147.25
Indirect Costs				
General Conditions	-	ls	\$ -	\$0.00
Other Costs	1.00	ls	\$ 2,151.47	\$2,151.47
Bonds & Insurances	1.00	ls	\$ 2,581.77	\$2,581.77
Subtotal Indirect Costs				\$4,733.24
Subtotal Direct & Indirect Costs				\$219,880.49
Fee (Overhead & Profit)	10.0%	%	\$ 219,880.49	\$21,988.05
Design-Builder Contingency	0%	%	\$ 219,880.49	\$0.00
Total Contract Adjustment				\$241,868.53

Item No. 5, Attachment 2
UC Cost Estimate

Project: SRWA
COR Number: UC Impact No. 5
COR Description: Joists & Decking

Item No.	Item Description	Assumption	Takeoff Quantity		Labor Productivity		Labor Cost/Unit		Labor Quantity		Labor Price		Labor Amount	Material Price		Material Amount	Sub Price		Sub Amount	Equip Price		Equip Amount	Other Price		Other Amount	Total Cost/Unit	Total Amount
01	Direct Costs																										\$ 215,147.25
01.01	Jacobs Self-Performance																										\$ -
	Testing & Special Inspection	None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Confined Space Rescue Team	None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Engineering Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Engineering Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Engineering Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Engineering Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	SDC Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	SDC Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	SDC Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	SDC Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	I&C Labor - Sr Engr, Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 256.50	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	I&C Labor - Mid Engr Professional	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 193.80	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	I&C Labor - Jr Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 173.85	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	I&C Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Startup & Commissioning Labor - Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 257.15	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Startup & Commissioning Labor - Engr Professional, Lead	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 257.15	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Startup & Commissioning Labor - Engr, Technical	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ 141.39	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Startup & Commissioning Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
01.03	Process Equipment																										\$ -
01.03.01	Process Equipment																										\$ -
		None this COR	0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
01.02	Subcontractors																										\$ 215,147.25
01.02.01	General Contractor - Overaa																										\$ 215,147.25
	Credit Original Bid Price		-1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 267,000.00	/ls	\$ (267,000.00)	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ 267,000.00	\$ (267,000.00)
	Credit Original Cost Fluctuation Inclusion	Assume materials are 80% of quote. Include 4% escalation on materials.	-1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 8,544.00	/ls	\$ (8,544.00)	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ 8,544.00	\$ (8,544.00)
	Final Bid Price		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 467,370.00	/ls	\$ 467,370.00	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ 467,370.00	\$ 467,370.00
	Overaa Bonds & Ins		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 2,877.39	/ls	\$ 2,877.39	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ 2,877.39	\$ 2,877.39
	Overaa Fee		1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ 20,443.86	/ls	\$ 20,443.86	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ 20,443.86	\$ 20,443.86
02	Indirect Costs																										\$ 4,733.24
02.01	General Conditions																										\$ -
	Project Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 145.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Commercial Manager / Procurement	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Construction Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 145.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Construction Project Engineer	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 90.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Scheduler	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Accountant	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 90.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Superintendent	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 110.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Quality Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 100.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	Safety Manager	None this COR	0.00	ls	0.000	hr/ls	\$ -	/ls	0.00	hr	\$ 95.00	/hr	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	/mo	\$ -	\$ -	\$ -
	General Conditions Expenses	None this COR	0.00	ls	0.000	hr/ls	\$ -	/hr	0.00	hr	\$ -	/hr	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
02.02	Other Costs																										\$ 2,151.47
	Building Permits and Expenses		0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
	Subcontractor Bonds and Insurances	1.0% of Subcontractor Costs	1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ 2,151.47	\$ 2,151.47	\$ 2,151.47
	Other Costs		0.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	\$ -	\$ -
02.03	Bonds & Insurances																										\$ 2,581.77
	Bonds & Insurances	1.2% of Direct Costs	1.00	ls	0.000	hr/mo	\$ -	/hr	0.00	hr	\$ -	/mo	\$ -	/ls	\$ -	/mo	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ -	/ls	\$ 2,581.77	\$ 2,581.77	\$ 2,581.77

SRWA
Cost Fluctuation Analysis

Scope	Joists and Decking	
PPI Code	PCU33231233231211	
Description	Date	Data
Historical over Past 10 Years		
First Data Point	May-12	95.800
Pre-COVID-19 Data Point	Mar-20	119.700
Percentage Increase		24.95%
Number of Months in Analysis		95
Monthly Increase (Historical Cost Fluctuation)		0.26%
Cost Fluctuation Duration (months)		18
Total Anticipated Cost Fluctuation		4.73%
Assumed Cost Fluctuation used in Pricing		4.00%
SRWA Post Analysis (Rear Looking)		
Quote Time	May-20	120.000
Buyout Time	Oct-21	157.906
Percentage Increase Due to Uncontrollable Circumstance		31.59%
Additional Notes on PPI		
PPI long term analysis (annual average from xxxx to 2000)		N/A
PPI Hurricane Katrina, Building Boom (9/2005 to 2/2007)		N/A
PPI Summary		
Using past 10-years suggested this increase		4.73%
Team utilized this increase within SRWA pricing		4.00%
Increase after UC event for Hurricane Katrina and building boom		N/A
Increase due to COVID-19 UC		31.59%
Original Bid Amount		\$ 267,000.00
Furnish Only %		80.00%
Original Bid Material Amount		\$ 213,600.00
Bid Time Assumed Cost Fluctuation	4.00%	\$ 8,544.00
Actual Cost Fluctuation - Calculated	31.59%	\$ 67,476.24
Impact due to Uncontrollable Circumstance - Reasonable Assessment	27.59%	\$ 58,932.24

Item No. 5, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Industry Based > Manufacturing

☆ Producer Price Index by Industry: Fabricated Structural Metal Manufacturing: Fabricated Structural Iron and Steel for Industrial Buildings Metal Bar Joists, Short Span (PCU33231233231211)

DOWNLOAD

Observation:

May 2022: **184.469** (+ more)

Updated: Jun 14, 2022

Units:

Index Jun 2011=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Industry: Fabricated Structural Metal Manufacturing: Fabricated Structural Iron and Steel for Industrial Buildings Metal Bar Joists, Short Span



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

fred.stlouisfed.org

Share Links

Account Tools



Item No. 5, Attachment 3
Cost Fluctuation Analysis

2, our GeoFRED site will shut down. But we've added a map feature directly on FRED and encourage you to try it out.



Categories > Prices > Producer Price Indexes (PPI) > Industry Based > Manufacturing

☆ Producer Price Index by Industry: Fabricated Structural Metal Manufacturing: Fabricated Structural Iron and Steel for Industrial Buildings Metal Bar Joists, Short Span (PCU33231233231211)

DOWNLOAD

Observation:

May 2022: **184.469** (+ more)

Updated: Jun 14, 2022

Units:

Index Jun 2011=100,
Not Seasonally Adjusted

Frequency:

Monthly

1Y | 5Y | 10Y | Max

EDIT GRAPH

2012-05-01

2022-05-01

FRED

— Producer Price Index by Industry: Fabricated Structural Metal Manufacturing: Fabricated Structural Iron and Steel for Industrial Buildings Metal Bar Joists, Short Span



Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

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Account Tools



Item No. 5, Attachment 3
Cost Fluctuation Analysis

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Shaded areas indicate U.S. recessions.

Source: U.S. Bureau of Labor Statistics

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Item No. 5, Attachment 4
Quotes

SRWA
Quote History - Joist & Decking

2020 Proposal						2021 Proposal (Actually from 2022)					
Description	Qty	Unit	Unit Value	Total Value	Notes	Description	Qty	Unit	Unit Value	Total Value	Notes
JD2						JD2					
HSS columns				Included		HSS columns				Included	
WF beams				Included		WF beams				Included	
C6 eave supports				Included		C4 eave supports				Included	
18LH and 24LH open web joist with bridging				Included		Wide flange beams				Included	Utilized beams in lieu of joists
Standard shop primer for steel and joist				Included		Standard shop primer for steel and joist				Included	
1 1/2" 20 guage B deck				Included		1 1/2" 20 guage B deck				Included	
Ridge plates				Included		Ridge plates				Included	
Ga eave plates				Included		Ga eave plates				Included	
Embed joist bearing seat				Included	Furnish only	Embed joist bearing seat				Included	Furnish only
Bent plate blocking between joist				Included	Furnish only	Bent plate blocking between joist				Included	Furnish only
AB's for columns				Included	Furnish only	AB's for columns				Included	Furnish only
Miscellaneous metals				Excluded		Miscellaneous metals				Excluded	
Subtotal				\$ 267,000.00		Subtotal				\$ 467,370.00	
Tax				Included		Tax				Included	
Freight				Included		Freight				Included	
Install				Included		Install				Included	
Total JD2 Quote				\$ 267,000.00		Total JD2 Quote				\$ 467,370.00	
Updated Pricing & Other Scope						Updated Pricing & Other Scope					
Total Updated Pricing & Other Scope				\$ -		Total Updated Pricing & Other Scope				\$ -	
2020 Total				\$ 267,000.00		2021 Total (Actually from 2022)				\$ 467,370.00	

From: Danny Holdren
Sent: Thursday, May 14, 2020 11:16 AM
To: Nick Kebbas
Subject: SRWA - Revised JD2 Cost

Here's JD2's updated cost for the **OPS Building Steel Erection and Decking**. Didn't really change much but the building didn't actually get that much smaller so not surprising. Guess good thing is at least it didn't go. last time we added \$30,000 on top of their price for installation of the FOB items and we should again this time.

OVERAA
WORK

We can show this work at **\$297,000** now.

Thanks,



Danny Holdren | Estimator | dannyh@overaa.com
C. Overaa & Co. | 200 Parr Boulevard | Richmond | CA | 94801
Mobile: 510-719-0179 | www.overaa.com

From: Steve Knudsvig [<mailto:sknudsvig@jd2inc.com>]
Sent: Monday, May 04, 2020 1:03 PM
To: Danny Holdren
Subject: FW: SRWA WTP NDA

Hey Danny,
Base on the new design drwgs roughly 1288sf was omitted from the project based on new floor plan. No structural drwgs at this time.

Updated budget price of \$267,000 per the following.

Furnish and install

- HSS columns
- WF beams
- C6 eave supports
- 18LH and 24LH open web joist with bridging
- Standard shop primer for steel and joist
- 1 ½" 20ga B deck
- Ridge plates
- Ga eave plates

FOB

- Embed joist bearing seat
- Bent plate blocking between joist
- AB's for columns

Exclude

- Miscellaneous metals – Bollards – Gates – Ladders



QUOTATION

PROJECT: SRWA Office Bldg

QUOTE 2020-315

Attention: Bright Ezeoma
Email:

Date: 2/11/2022
Estimator: Steve Knudsvig
Email: sknudsvig@jd2inc.com

General Contractor: Overaa

JD2, Inc.
450 Nevada Street
Auburn, CA 95603

Phone:
Fax:

Phone: 530.889.2979
Fax: 530.889.5671

JD2 Inc. (JD2) is pleased to quote as follows, subject to the qualifications & terms attached:

Furnish & Install:

Structural Steel – (Specification Section: 05120)

- HSS columns
- Wide flange beams
- C4x7.25 eave extensions 5,6/S5002
- C4x7.25 corner struts 4/S5002
- 1/4 bent plate fascia 5,6/S5002
- HSS7x3 blocking 3/S5004
- L5x3 struts 6/S5004
- Price based on standard mfg. primer

Metal Deck – (Specification Section: 05310)

- Approximately 99 squares of B 20 gage G90 roof deck.
- Approximately 11 squares of N 16 gage G60 roof deck.
- Price based on using ASC DeltaGrip or Verco Punchlok side lap attachments

Furnish Only F.O.B. Jobsite:

- Anchor Bolts with (1) 12 ga plate template for each pattern type.
- Embed beam plates 1,2/S5002
- Beam bearing plates 3,5,6/S5002; 7/S5004
- Anchor bolts at the C4 struts 4/S5002
- Embed plates at struts 6/S5004

Sales Tax included on Material Only.

Total Lump Sum: \$467,370.00

BASED ON PLANS & ADDENDUMS:

<u>Sheets:</u>	<u>Dated:</u>	<u>By:</u>
S1010,S1020,S1030,S2001-S2004,S3001-S3004,S5001-S5004	1/2022	Jacobs



QUOTATION

Addendums: none

Estimated Shipment: Sept 2022
Terms: See following.
Proposed By: _____ Accepted By: _____
Name/Title: Steve Knudsvig Name/Title: _____
Date: 12-23-02-08:00 Date: _____

PROJECT SPECIFIC QUALIFICATIONS

Exclusions

1. Cutting and reinforcing of openings shown on A, M, E, & P drawings.
2. Performing any kind of field measurements or verification of field dimensions.
3. Any miscellaneous metals including but not limited to "Simpson" type connectors, light gauge stud framing, light gage stud bracing or associated clips or attachments.
4. Safety post & cable railing.
5. Costs of bonds, testing, inspection, or Engineers fee.
6. Touch-up paint metal deck welds.
7. Touch-up painting of structural connections.
8. Firewatch.
9. Safety planking for openings.
10. Stainless steel unless noted above.
11. Control lines provided by others.
12. Costs associated with using Textura progress payments.
13. AISC certified fabricator and erector
14. Shaped blocking between joist H/S3004 and attached details
15. The owner to pay for shop and field inspection.
16. Galvanizing of structural steel. Not called out on the design drwgs
17. CWI per 051200 2.06 A. 1. This is the owner's responsibility to hire an inspection company to do the inspections.
18. Open web joist

Erection

1. Per JD2's standard erection procedures, all equipment (e.g. forklifts, trucks, man lift, cranes) will have access to erect the project from the interior of the structure unless otherwise specified in this quote.
2. All erection practices to conform to the latest edition of the AISC manual of steel construction.
3. GC to provide all lines and grades including offset lines for the purposes of erection.
4. GC to set one (1) leveling nut for each column anchor bolt to proper elevation prior to the start of erection.
5. JD2 will provide diesel generated electric power for welding and shooting studs for our crews.
6. JD2 will be responsible for the plumbness of our materials upon completion of erection. JD2 cannot be responsible for any movement of our portion of the work resulting from other trade activities.
7. GC to provide and maintain clear, level, firm site with backfill in place and leveled to approximate grade suitable for operation of rolling equipment (e.g. forklifts, trucks, manlifts and cranes).
8. GC to provide access ramps to the inside of the building suitable for operating rolling equipment (e.g. forklifts, trucks, manlifts and cranes).
9. All areas in which JD2 erection equipment must operate are assumed to be suitably designed to support this equipment. If planking, matting, shoring, or other protection is required, it is to be designed, furnished, installed, maintained, and removed by others.
10. Inside concrete floor slab to be in place and will not have any material protruding through the slab above the finished floor elevation.

Steel Deck

1. Metal deck will be manufactured by Verco Manufacturing Company or ASC Steel Deck.
2. Metal deck shop drawings will not be stamped by a registered professional engineer.
3. Surface of structural steel and embeds that received studs or deformed bars will not be painted. If painted, the paint shall be removed by others.
4. Exact location and clear-opening dimensions of all framed openings in the deck must be furnished prior to deck fabrication.



QUOTATION

5. No other trades or personnel will be allowed on the floor or roof deck until all welding is completed and inspected, at which time the JD2 foreman will advise the GC.
6. If decking material cannot be delivered and erected during the quarter indicated, additional costs for material and/or double handling charges may apply.

STANDARD QUALIFICATIONS

1. **7.875% California State tax is included on material only.**
2. **Terms of Payment:**
 - A. JD2 shall issue monthly progress billings to the GC which will include the value of job specific raw material purchased and stored offsite, detailing, shop fabrication, freight and erection performed each month.
 - B. Monthly invoices to be paid within 7 days of GC being paid by the owner or no longer within 45 days from the date JD2 issued the initial billing to the GC.
 - C. Maximum of 10% retention shall be reduced to 5% after substantial completion of JD2's work. Final payment within 90 days after invoice regardless of whether payment has been received from owner or not.
3. **Quotation Based On:**
 - A. Material to ship no later than 9/30/22. If the jobsite is not ready for material to be installed, material will ship to jobsite for storage, FOB, to be unloaded by others, and reloaded/trucked by others as necessary to relocate material to the building for hoisting.
 - B. Labor to be completed no later than 12/31/22.
 - C. Price, scheduling, performance and completion subject to change based on delays in the execution of the subcontract or other delays no within JD2's control.
 - D. Price good for 30 days from the date of this proposal.
 - E. Field Labor rates for Extras or Time & Material Work are as follows (not including OH&P):
Straight Time: \$120/hr, Overtime: \$150/hr, Double-Time: \$180/hr.
Owner or contract requirements that limit labor rates, burden or surcharges to public work constraints, such as Caltrans rates, are specifically rejected.
 - F. Jobsite to be available to JD2 for one continuous operation. If additional trips are required add—\$1500.00 per trip.
 - G. Design drawings must be complete and final prior to detailing. Any changes may cause delays in schedules and have an impact on cost.
 - H. Unless otherwise expressly agreed upon in writing by JD2, this scope of work and terms herein shall be incorporated into the subcontract agreement.
 - I. All work to comply with California safety regulations. Any additional or more stringent safety policies by the general contractor, owner or other party may increase the quote price.
 - J. JD2 is signatory to the Iron Workers Union and cannot be held responsible for conflicts arising if the GC, owner or other party has non-union crews working on sight at the same time.
 - K. When required by written contract, JD2 agrees to name as additional insured, under JD2's general liability insurance, those parties named in the contract. The coverage provided for the additional insured is only to the extent the additional insured is held liable for the negligence or strict liability of the named insured. No coverage is provided for liability based upon the acts, errors or omissions of the additional insured.
 - L. Force Majeure. JD2 shall not be liable for non-performance (in whole or in part), delay or hindrance in performance or increased costs in performance arising out of or relating to events or matters beyond its reasonable control, including without limitation, acts of God, acts of government, terrorism, war, strikes, riots, lockouts, pandemic, quarantines, widespread outbreak of infectious disease, or any other causes beyond the control of JD2.
 - M. Notwithstanding provisions in the subcontract, master agreement or other documents incorporated by reference, nothing shall be construed as to limit, restrict or waive JD2 subcontractor payment rights and remedies provided for by the California statutes, including mechanic's lien rights, stop notices and bond claims.
 - N. Commencement of steel erection. JD2 will not erect steel unless it has received written notification that the concrete in the footings, piers and walls or the mortar in the masonry piers and walls has attained, on the basis of an appropriate ASTM standard test method of field-cured samples, either 75 percent of the intended minimum compressive design strength or sufficient strength to support the loads imposed during steel erection per OSHA 1926.752.



Steve Knudsvig
Senior Project Manager / Estimator

450 Nevada Street
Auburn, CA 95603
O 530-889-2979
D 530-878-5821
F 530-888-6219
www.jd2inc.com

Los Angeles Office
960 N. Amelia Avenue, Suite A, CA 91773 ☎ Phone 909-599-9195 ☎ Fax 909-599-9197

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EXECUTED



Construction 200 Parr Boulevard, Richmond, CA 94801 p (510) 234-0926 f (510) 237-2435 www.overaa.com



SUBCONTRACT AGREEMENT

Subcontractor **JD2 Inc.**

Phone No. **530.889.2979**

Contact Person **Steve Knudsvig**

Fax No. **530.889.5671**

Address **450 Nevada Street, Auburn, CA 95603**

Project **3474- SRWA Water Treatment Plant**

Subcontract No. **3474-023**

Project Location **1235 Aldrich Rd., Hughson, CA 95326**

(Phase Code: 053000-000-000)

Owner **Stanislaus Regional Water Authority, 156 South Broadway, Turlock, CA 95380**

Date of this Agreement: **02/28/2022**

Subcontractor and Contractor, for the consideration hereinafter named, agree that this Subcontract Agreement ("Agreement") shall be effective on the date specified above, or the date the Prime Contract between Overaa and Owner is executed, whichever occurs first; except, however, if this Agreement is executed before Contractor and Owner enter into the Prime Contract, and Contractor and Owner fail to enter into the Prime Contract, Subcontractor shall perform no work in connection with the Project and this Agreement shall have no force or effect. Subcontractor assumes all obligations set forth herein on behalf of itself, its heirs, successors, assigns, and any of its agents and independent contractors.

Section 1 - Entire Contract. Subcontractor represents and certifies that it has had an adequate opportunity to inspect the Project site, that it assumes the risk of everything that a diligent inspection would disclose, and that it enters into this Agreement based upon its own investigation and evaluation and is in no way relying upon any investigation, statement or representation by Contractor or any of Contractor's officers, agents, employees or representatives. Subcontractor represents and certifies that it has carefully and thoroughly reviewed all of the Contract Documents and that it is fully familiar with and understands the Contract Documents. This Agreement includes the Subcontract General Conditions, and all of the other Contract Documents. This Agreement represents the entire and only agreement between Contractor and Subcontractor in connection with the Project, and supersedes any earlier oral or written agreements.

Section 2 - Scope of the Work and Description. Subcontractor shall well and sufficiently perform and furnish, in accordance with the highest standards, all work necessary to complete the following part or parts of the work of the Prime Contract in all respects as therein required of Contractor, and all work incidental thereto, all in accordance with the terms and conditions of the Contract Documents: **Metal Decking and Structural Steel** including all labor, services, materials, submittals, supervision, coordination, administration, fees, taxes, design, layout, cleanup, installation, cartage, hoisting, supplies, insurance, equipment, scaffolding, utilities, tools, facilities and things of every kind and description required for or in connection with the work. Subcontractor's work is generally, though not exclusively, further described and/or specified as follows:

Furnish labor, materials and equipment for the installation of Structural Steel and Metal Deck per plans and specifications including but not limited to:

Structural Steel - (Specification Section: 05120)

- HSS columns
- Wide flange beams
- C4x7.25 eave extensions 5,6/S5002
- C4x5.4 corner struts 4/S5002
- 1/4 bent plate fascia 5,6/S5002
- HSS7x3 blocking 3/S5004
- L5x3 struts 6/S5004
- Price based on standard mfg. primer

Metal Deck - (Specification Section: 053100)

- Approximately 99 squares of B 20 gage G90 roof deck.
- Approximately 11 squares of N 16 gage G60 roof deck.
- Price based on using ASC DeltaGrip or Verco Punchlok side lap attachments

Furnish Only F.O.B. Jobsite (price in the structural steel price above):

- Anchor Bolts with (1) 12 ga plate template for each pattern type.
- Embed beam plates 1,2/S5002
- Beam bearing plates 3,5,6/S5002; 7/S5004
- Anchor bolts at the C4 struts 4/S5002
- Embed plates at struts 6/S5004

EXCLUSIONS:

1. Cutting and reinforcing of openings shown on A, M, E, & P drawings.
2. Performing any kind of field measurements or verification of field dimensions.
3. Any miscellaneous metals including but not limited to "Simpson" type connectors, light gauge stud framing, light gage stud bracing or associated clips or attachments.
4. Safety post & cable railing.
5. Costs of bonds, testing, inspection, or Engineers fee.
6. Touch-up paint metal deck welds.
7. Touch-up painting of structural connections.
8. Firewatch.
9. Safety planking for openings.
10. Stainless steel unless noted above.
11. Control lines provided by others.
12. Costs associated with using Textura progress payments.
13. AISC certified fabricator and erector

- 14. Shaped blocking between joist H/S3004 and attached details
- 15. The owner to pay for shop and field inspection.
- 16. Galvanizing of structural steel. Not called out on the design drwgs
- 17. CWI per 051200 2.06 A. 1. This is the owner's responsibility to hire an inspection company to do the inspections.
- 18. Open web joist

Except as explicitly excluded in this Agreement, Subcontractor shall perform all work coming within the general description of the designated sections, divisions, parts and portions of the Contract Documents, and Subcontractor's scope of work shall also include all work normally performed by Subcontractor's trade that is called for in the Contract Documents and all work that is incidental to complete the work of this Agreement.

Section 3 - Contract Documents. The "Contract Documents" include this Subcontract Agreement, the Subcontract General Conditions, the exhibits and addenda hereto, the Prime Contract and the following:

Prime Contract dated - October 1, 2020

Whenever reference is made in this Agreement to the "Prime Contract," that reference shall be construed to include the prime contract between Contractor and Owner, its special, general, supplementary and other conditions and provisions, plans, specifications, addenda and modifications, the documents which are included or incorporated into the Prime Contract, and all other documents forming a part of the Prime Contract. All of the Contract Documents, including the Prime Contract, are fully incorporated into this Agreement with the same force and effect as though fully set forth. To the extent that the Prime Contract applies either directly or indirectly to the work to be performed by Subcontractor under this Agreement, Subcontractor agrees to be bound to Contractor in the same manner and to the same extent as Contractor is bound to Owner under the Prime Contract and, in that regard, where reference is made to Contractor in the Prime Contract, such reference shall be interpreted to apply to Subcontractor instead of Contractor. In the event of a conflict between the Subcontract General Conditions and the Prime Contract, the Subcontract General Conditions shall govern; except, however, in no event shall Subcontractor have any less of an obligation to Contractor with respect to its work than Contractor has to Owner.

Section 4 – Compensation. Contractor agrees to pay Subcontractor the sum of:

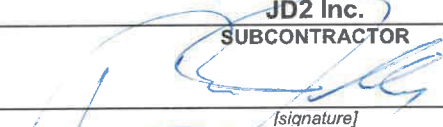
FOUR HUNDRED SIXTY-SEVEN THOUSAND THREE HUNDRED SEVENTY DOLLARS Taxes and Insurance Included. \$ 467,370.00 Dollars

for the satisfactory performance and completion of the work and all duties, obligations, and responsibilities of Subcontractor under this Agreement.

Section 5 - Special Provisions.

- Work as scheduled by C. Overaa & Co.
- Certified Payroll to be submitted on a weekly basis.
- Contract for stated scope of work is based upon 100% IFC drawings and specifications (Dated September 2021) and DCN 8 (Dated January 2022) for this design-build project.

JD2 Inc.
SUBCONTRACTOR

By:  **ROSS JEFFREY**
[signature] **CEO**

Contractor's License No. 674925

Subcontractor's Federal Taxpayer I.D. No. 94-3174558

C. OVERAA & CO.
CONTRACTOR

By:  **Nicholas Kebbas**
[signature]

Contractor's License No. 106793 **RJ**

Digitally signed by Nicholas Kebbas
DN: cn=Nicholas Kebbas, o=C. Overaa &
Co., ou, email=nickk@overaa.com, c=US
Date: 2022.04.14 15:28:59 -0700'

PLEASE SIGN AND RETURN A COPY OF THIS CONTRACT.

SUBCONTRACT GENERAL CONDITIONS

1. PAYMENTS. Invoices for work completed during the preceding month shall be delivered to Contractor by the twentieth (20th) day of each month for submission to Owner. Progress payments will be made to Subcontractor with funds received from Owner on account of work performed by Subcontractor, as such funds are received from Owner. Progress payments will not exceed ~~90%~~ **95%** of the value of Subcontractor's work in place as of the date of each invoice. Final payment to Subcontractor will be payable after the entire work required by the Prime Contract has been completed and accepted by Owner and Owner has made final payment to Contractor. Submittal and acceptance of required closeout documentation including, but not limited to, as-built drawings, releases of claims, warranties, and operating and maintenance manuals, is an integral part of the work to be performed by Subcontractor and is a condition precedent to final payment. If Owner, or other responsible party, delays in making final payment to Contractor or any other payment to Contractor from which payment to Subcontractor is to be made, then the time for payment to Subcontractor will be deferred for a reasonable amount of time. Contractor has the right to make any payment to Subcontractor by joint check to Subcontractor and any of Subcontractor's suppliers, materialmen, vendors or subcontractors or any person or entity who may have a right of action against Contractor or its surety under any law, or by direct check to any such supplier, materialman, vendor, subcontractor, person or entity. No such payment shall create any contractual relationship between Contractor and any person or entity.

Subcontractor agrees to furnish, if and when required by Contractor, a list of lower tier subcontractors, materialmen, manufacturers, vendors and suppliers, insurance certificates and insurance policies, complete documentation and copies of purchase orders for all major suppliers, materialmen, manufacturers and vendors, as-built drawings, all required warranties and manufacturer literature, certified payrolls, evidence that Subcontractor is current with union trust fund payments, receipts, vouchers, and releases of claims for itself and all lower tier subcontractors, suppliers, materialmen and vendors, all in a form satisfactory to Contractor, and it is agreed that no payment shall be made, except at Contractor's option, until and unless such documents have been furnished. By submitting any payment application, Subcontractor thereby certifies and represents that all required insurance has been obtained and remains in effect and that no notice of cancellation has been received by Subcontractor for any such insurance. Subcontractor, prior



From: Isaac Moreno, Finance Director

Prepared by: Isaac Moreno, Finance Director

1. ACTION RECOMMENDED:

Resolution: Adopting the Annual Budget for the Stanislaus Regional Water Authority for the 2023-24 Fiscal Year and Adopting a minimum cash reserve target for 2023-24

2. DISCUSSION OF ISSUE:

In accordance with Article VII (F) of the Joint Powers Agreement (JPA), the Governing Board of the Stanislaus Regional Water Authority (SRWA) is hereby presented with the proposed 2023-24 annual budget for the SRWA. The proposed budget includes projected costs for the Regional Surface Water Supply Project (RSWSP) Design-Build Contract as well as existing contracts providing program management, construction monitoring, environmental, legal, general manager, and administrative support to the RSWSP and JPA. New for fiscal year 2023-24 are budget allocations for a full year of operating costs associated with the RSWSP Operations Agreement.

Article XV(F) of the Joint Powers Agreement states that the following regarding SRWA's cash reserves:

The Governing Board shall determine on an annual basis, prior to the beginning of each fiscal year, a level of reasonable cash reserves to be accumulated by the Authority. This reserve shall be accumulated from revenues collected in excess of all actual costs of the Authority. Once the targeted reserve level is reached, all additional revenues collected in excess of the actual costs of the Authority shall be considered excess revenue and, subject to any limitation in any bond or other financing agreement, carried forward as revenue for the next fiscal year and serve to reduce each Participant's respective assessment for such subsequent fiscal year.

As it has for the past years, Staff continues to recommend that the Board approve a minimum cash reserve sufficient to fund 3 months of projected expenditures. This process has worked well over the past years and is consistent with provisions in the Phase 3 Funding Agreement as the allocation methodology for costs associated with the RSWSP. As part of this Agreement and consistent with the Operations Agreement, Staff will continue to send each participating agency an invoice for three (3) months projected cashflow needs at the beginning of each calendar quarter.

Capital expenditures, Operations and Maintenance expenses, and State Revolving Loan Fund (SRF) obligations are shown in the budget summary below. Operations position costs are based on the approved staffing plan from the City of Turlock. Also included is Liability insurance coverage through ACWA JPIA.

SRF-related budget items are interest and principal payments due prior to project completion, and reserve and debt coverage.

3. FISCAL IMPACT / BUDGET AMENDMENT:

The proposed 2023-24 fiscal year budget for the SRWA totals \$35,324,925. The following summarizes the major components of the 2023-24 proposed budget:

<i>CAPITAL</i>	<i>14,732,535</i>
<i>OPERATIONS</i>	<i>9,353,773</i>
<i>SRF DEBT AND RESERVE PAYMENTS</i>	<i>11,238,617</i>

The full details of this budget is attached as Exhibit A. Funding for the proposed budget is allocated among the City of Ceres, City of Turlock, and the Turlock Irrigation District based on the benefit each participant receives from each component of the project. Administrative costs are shared equally between Ceres and Turlock. Each agency's allocated costs will be funded using a combination of (1) grant funding obtained for the project as a whole, (2) State of California Revolving Fund loan proceeds; and (3) individual agency internal cash resources.

4. GENERAL MANAGER'S COMMENTS:

Recommends approval.

5. ENVIRONMENTAL DETERMINATION:

N/A

6. ALTERNATIVES:

The Board may approve amendments as desired to the proposed 2023-24 annual budget for the SRWA.

Stanislaus Regional Water Authority

Fiscal Year 2023-2024

Account Number	Account Description	2024 Department Request
Fund: 950 - SRWA - JPA		
REVENUES		
Department: 53 - Surface Water		
Division: 552 - Capital		
<i>IN - Interest Income</i>		
33000	Interest Income	100,000
<i>Account Classification Total: IN - Interest Income</i>		100,000
<i>IG - Intergovernmental</i>		
34900_001	Member Agency Contributions City of Turlock	22,910,291
34900_002	Member Agency Contributions City of Ceres	11,846,142
34900_004	Member Agency Contributions Turlock Irrigation District	468,492
<i>Account Classification Total: IG - Intergovernmental</i>		35,224,925
Division Total: 552 - Capital		35,324,925
Department Total: 53 - Surface Water		35,324,925
REVENUES Total		35,324,925
EXPENSES		
Department: 53 - Surface Water		
Division: 550 - Operations		
<i>SA - Salaries</i>		
49007	Salary Charges From Other Departments	2,122,300
<i>Account Classification Total: SA - Salaries</i>		2,122,300
<i>CO - Contractual Services</i>		
43055_000	Consultant General	200,000
43055_002	Consultant Audit	10,000
43060_012	Contract Services Program Management Services	687,868
43100_008	General Liability Insurance	67,000
43105_003	Interdepartmental Admin Support	37,500
43195	Special Legal Counsel	10,350
43314	Contract Help - Service	613,619
43316	NPDES Permit Studies	355,000
43319	Regulatory Fees	25,000
43320	Special Services/Projects	205,000
43351	Facility Site Improvements	180,000
43353	RWQCF-OPS Building Repairs	15,000
43359	Professional Engineering Services	325,000
<i>Account Classification Total: CO - Contractual Services</i>		2,731,337
<i>SU - Supplies and Maintenance</i>		
44001_000	Supplies General	264,000
44005	Chemicals	1,655,000
44010_001	Computer Software Maintenance	241,200
44030_001	Minor Equipment Safety	45,000
44030_002	Minor Equipment Tools	190,000
44030_028	Minor Equipment Lab	75,000
44090	Office Equipment & Furniture	20,000
44110	WQC Pump Maintenance	20,000
<i>Account Classification Total: SU - Supplies and Maintenance</i>		2,510,200
<i>UT - Utilities</i>		
45002_000	Turlock Irrigation District General	700,000
45019	Raw Water	224,029
<i>Account Classification Total: UT - Utilities</i>		924,029
<i>VE - Vehicle Expenses</i>		
46010	Equipment Rental	120,000
46025	Outside Contractor Labor	15,000
46031	Gas & Oil	20,500
<i>Account Classification Total: VE - Vehicle Expenses</i>		155,500
<i>MI - Miscellaneous Expenses</i>		
47020	Certification	15,000
47065	Professional Development	600
47080	Shoe Allowance	3,750
47095_000	Training General/Travel	25,000
47254	Education and Outreach	15,000
<i>Account Classification Total: MI - Miscellaneous Expenses</i>		59,350
<i>CA - Capital Outlay</i>		
51020	Equipment Replacement	851,057
<i>Account Classification Total: CA - Capital Outlay</i>		851,057
Division Total: 550 - Operations		9,353,773

Stanislaus Regional Water Authority

Fiscal Year 2023-2024

Account Number	Account Description	2024 Department Request
Division: 553 - Regional Treatment Plant Const		
<i>CO - Contractual Services</i>		
43060_012	Contract Services Program Management Services	2,578,587
43195	Special Legal Counsel	38,000
43329	Environmental Services	78,000
43332	Permitting	112,000
<i>Account Classification Total: CO - Contractual Services</i>		2,806,587
<i>CA - Capital Outlay</i>		
51802_001	Regional Treatment Plant Design Build Contract	11,610,948
51802_002	Regional Treatment Plant Construction Management	315,000
<i>Account Classification Total: CA - Capital Outlay</i>		11,925,948
<i>DS - Debt Service</i>		
53027_001/002	SRF SRWA Loan Interest and Principal	2,368,471
53027_003	SRF SRWA Reserve and Coverage	8,870,146
<i>Account Classification Total: DS - Debt Service</i>		11,238,617
Division Total: 553 - Regional Treatment Plant Const		25,971,152
Department Total: 53 - Surface Water		35,324,925
EXPENSES Total		35,324,925
Fund REVENUE Total: 950 - SRWA - JPA		35,324,925
Fund EXPENSE Total: 950 - SRWA - JPA		35,324,925
Fund Total: 950 - SRWA - JPA		0
REVENUE GRAND Totals:		35,324,925
EXPENSE GRAND Totals:		35,324,925
Grand Totals:		0



BEFORE THE BOARD OF THE STANISLAUS REGIONAL WATER AUTHORITY

**IN THE MATTER OF ADOPTING THE ANNUAL
BUDGET FOR THE STANISLAUS REGIONAL
WATER AUTHORITY FOR THE 2023-24 FISCAL
YEAR AND ADOPTING A MINIMUM CASH
RESERVE TARGET FOR 2023-24**

RESOLUTION NO. 2023-002
}
}
}
}
}
}

WHEREAS, the Finance Director presented the proposed 2023-24 fiscal year budget to the Stanislaus Regional Water Authority (SRWA) Board for their consideration; and

WHEREAS, the SRWA Board reviewed the submitted budget and desires to adopt the 2023-24 fiscal year budget; and

WHEREAS, contained in the proposed budget are appropriations for various contracts for project expenses approved by the Board during prior fiscal years for which the scope of work is anticipated to span more than one fiscal year; and

WHEREAS, in accordance with Article XV(F) of the Joint Powers Agreement, Staff recommends a targeted cash reserve level of three (3) months of expenditures as projected by the Finance Director in consultation with the Project Manager and General Manager.

NOW, THEREFORE, BE IT RESOLVED that the Board of the Stanislaus Regional Water Authority does hereby:

1. Adopt the annual budget for the SRWA for the 2023-24 fiscal year in the amount of \$35,324,925. The funding for these expenses is based on cost sharing methodologies approved by each participating agency in relative proportion to the benefit received from the project.
2. Approve a target cash reserve balance equal to three (3) months of expenditures as projected by the Finance Director in consultation with the Project Manager and General Manager and authorize the Finance Director to send invoices to the Cities of Ceres and Turlock and the Turlock Irrigation District for their proportionate share of projected expenditures.

PASSED AND ADOPTED at a special meeting of the Board of the Stanislaus Regional Water Authority this 15th day of June, 2023, by the following vote:

AYES:
NOES:
NOT PARTICIPATING:
ABSENT:

ATTEST:

Angelica Gonsalves,
Board Secretary

From: Robert Granberg, General Manager
Prepared by: Robert Granberg, General Manager

1. ACTION RECOMMENDED:

Motion: Approving Amendment No. 2 to the Agreement with Bartkiewicz, Kronick & Shanahan for ongoing legal services in Phase 3 of the Regional Surface Water Supply Project and Phase 4 Legal Services to the Board of Directors in the amount of \$124,200 and authorizing the General Manager to execute the Amendment

2. DISCUSSION OF ISSUE:

On December 15, 2015, the SRWA Board approved an agreement with Bartkiewicz, Kronick & Shanahan for special legal services for Phase 1 of the Regional Surface Water Supply Project (RSWSP). On March 1, 2018, the Board approved an agreement with Bartkiewicz, Kronick & Shanahan for special legal services for Phase 2 of the RSWSP. On July 1, 2020, the Board approved an amendment to the Agreement for Phase 3 of the RSWSP. To date, Bartkiewicz, Kronick & Shanahan have provided excellent legal service to the SRWA. It is again necessary to contract for general and administrative legal services as well as Project-related services.

Phase 3 legal services are intended for the RSWSP Design-Build contract closeout activities and are estimated at a minimal number of hours. This assumes there are no unresolved project claims or other contractual issues. Phase 4 services are for general and administrative support to the SRWA and include Board agendas, meetings, contracts and staff support.

The scope of work, fee estimate, and Amendment are attached for a 3-year period concurrent with Phase 3 and 4 activities through Fiscal Year 25/26.

3. FISCAL IMPACT / BUDGET AMENDMENT:

The total estimated fee for three years is \$124,200 and is comprised of an estimated \$113,850 for general and administrative work and \$10,350 estimated for project-related legal expenses. Annual appropriations will be included in account number 950-53-552.43195 "Special Legal Counsel" for the administrative work and in account number 950-53-553.43195 "Special Legal Counsel" for work related to the RSWSP in Fiscal Year 2023/24.

4. GENERAL MANAGER'S COMMENTS:

Recommends approval.

5. ENVIRONMENTAL DETERMINATION:

N/A

6. **ALTERNATIVES:**

The Board could choose to not approve this amendment and direct the General Manager to solicit proposals for legal services.

AMENDMENT NO. 2

**TO BARTKIEWICZ, KRONICK & SHANAHAN AGREEMENT FOR LEGAL SERVICES
WITH STANISLAUS REGIONAL WATER AUTHORITY**

THIS AMENDMENT TO AGREEMENT is made this _____, 2023, between Stanislaus Regional Water Authority, a local government agency (“Authority”), and Bartkiewicz, Kronick & Shanahan, a professional corporation, who agree as follows:

1. Recitals. This Amendment is made with reference to the following background recitals:

1.1. On March 1, 2018, the parties approved an agreement for legal services relating to phase 2 of Authority’s Regional Surface Water Supply Project (the “Agreement”), which is on file in the Authority office.

1.2. On July 1, 2020, the parties approved an amendment to the Agreement relating to phase 3 of the Regional Surface Water Supply Project, which is on file in the Authority office.

1.3. The parties now desire to amend the Agreement for ongoing legal services in the close out of phase 3 and ongoing phase 4 of the Regional Surface Water Supply Project.

2. Amendment to Agreement. The parties amend the Agreement to modify the scope and duties (Agreement section 1) to include the services and tasks as described in the attached SRWA Phase 3 Close Out and Phase 4 Legal Services Scope of Work and Fee Estimate dated June 2023.

3. No Effect on Other Provisions. Except for the amendment in section 2, the remaining provisions of the Agreement are unaffected and remain in full force and effect.

STANISLAUS REGIONAL WATER AUTHORITY

BARTKIEWICZ, KRONICK & SHANAHAN

By: _____
Robert Granberg, General Manager

By: _____
Jennifer T. Buckman

SRWA Phase 3 Close Out and Phase 4 Legal Services Scope of Work and Fee Estimate (June 2023)
 [assumes a June 2024 design-build close out]

Scope/task	Hours	Fee
<i>Design-Build Close Out (through FY 23/24)</i>		
D-B contract closeout work	20	
Other/contingency	10	
Subtotal - hours	30	
Subtotal - fee estimate [@ \$345/hour]		\$10,350
 <i>General and Administrative Work (through FY25/26)</i>		
Board meetings [assumes 6 mtgs./year]		
> Prepare/work on agendas, staff reports, etc.	40	
> Review agenda packets/prepare for meetings	30	
> Participate in meetings; travel	100	
Prepare/review misc. contracts	40	
Misc. staff meetings and conference calls	40	
Other client Q&A via email and phone calls	40	
Other/contingency	40	
Subtotal - hours	330	
Subtotal - fee estimate [@ \$345/hour]		\$113,850
 Total		
Hours	360	
Fee Estimate for FY 23/24 - FY 25/26		\$124,200



From: Robert Granberg, General Manager

Prepared by: Robert Granberg, General Manager

1. ACTION RECOMMENDED:

Motion: Approving Amendment No. 1 to the Granberg & Associates, Inc. General Manager Special Services Agreement in an amount not to exceed \$200,000 for Fiscal Year 2023/24

2. DISCUSSION OF ISSUE:

On May 3, 2018, the SRWA entered into an Agreement for Special Services (Agreement) with Granberg & Associates, Inc to provide General Manager services for the Regional Surface Water Supply Project (RSWSP). The Agreement is in effect until terminated by one party or upon mutual written consent of the parties.

The Agreement (Attachment 1) identified the General Manager's role relative to activities envisioned for Fiscal Year 2017/18, some of which are complete, or are in progress through completion of the RSWSP. The Agreement also established the Fees and Expense Reimbursement based on actual time expended through the end of the 2018/19 fiscal year with the provision for rate adjustments prior to each fiscal year in accordance with the reasonable cost of living and business expenses upon Board of Director approval.

This Amendment addresses tasks to focus on transitioning from RSWSP construction related activities to facility operations, asset management, Turlock Irrigation District/SRWA Water Sales Agreement obligations, loan and grant administration and operation-related tasks. As provided for in the Agreement, compensation is proposed to increase from \$250 to \$300/hr.

At its December 15, 2022, meeting, the Board approved the Stanislaus Regional Water Authority Regional Surface Water Supply Project Operations Agreement between SRWA and the Cities of Turlock and Ceres. Further, the Board passed a motion establishing a General Manager Selection Committee comprised of the Chair and Vice Chair and a staff member from each City to evaluate General Manager options and make a recommendation to the Board within four months from the date of the Agreement, or May 1, 2023, and that the Board shall appoint a new General Manager no later than June 30, 2023. This proposed contract extension through Fiscal Year 2023/24 is to provide oversight of RSWSP closeout activities and transition to a permanent General Manager.

3. FISCAL IMPACT / BUDGET AMENDMENT:

The Agreement stipulates the annual contract amount shall not exceed \$300,000. This proposed amendment reduces that annual contract amount to \$200,000 for remaining project needs. General Manager services are budgeted annually in account number 950-53-552.43060_021.

4. GENERAL MANAGER'S COMMENTS:

N/A

5. ENVIRONMENTAL DETERMINATION:

N/A

6. ALTERNATIVES:

The Board could choose to not approve the Amendment and continue with the Agreement terms currently in effect.



AGREEMENT FOR SPECIAL SERVICES
between
STANISLAUS REGIONAL WATER AUTHORITY
and
GRANBERG & ASSOCIATES, INC.
For
GENERAL MANAGER SERVICES
For The
REGIONAL SURFACE WATER SUPPLY PROJECT

THIS AGREEMENT is made this 3rd day of May, 2018, by and between the **Stanislaus Regional Water Authority**, a joint powers authority ("SRWA"), and **Granberg & Associates, Inc.**, ("CONSULTANT"), who agree as follows:

1. SCOPE OF WORK: CONSULTANT shall perform the work and render the special services described in the attached Exhibit A (the "Services"). CONSULTANT shall provide all labor, services, equipment, tools, material and supplies required or necessary to properly, competently and completely perform the Services. CONSULTANT shall determine the method, details and means of doing the Services.

2. COMPENSATION: SRWA shall pay CONSULTANT in accordance with the attached Exhibit B as full remuneration for performing all Services and furnishing all staffing and materials and for performance by CONSULTANT of all of its duties and obligations under this Agreement. CONSULTANT will be compensated in the manner and at the times set forth below:

(a) Invoices: CONSULTANT shall submit dated invoices to SRWA specifying the date, location and service rendered, and the fee or charge.

(b) Payment:

(1) All payments by SRWA shall be made in arrears, after satisfactory service, as determined and approved by SRWA, has been provided. Payment shall be made by SRWA no more than 30 days from the SRWA's receipt of invoice.

(2) SRWA shall normally pay by voucher or check within 10 working days after each SRWA Board meeting at which payments can be authorized, provided that the SRWA receives the invoice at least five working days prior to the SRWA's Board meeting date.

(3) If SRWA disputes any item on an invoice for a reasonable cause, which includes, but is not limited to, unsatisfactory service, SRWA may deduct that disputed item from the payment, but shall not delay payment for the undisputed portions. The amounts and reasons for such deletions shall be documented to CONSULTANT within 15 working days after receipt of invoice by SRWA.

(4) If dispute is settled, payment shall be by voucher or check payable to and mailed to CONSULTANT within five working days of dispute settlement.

(5) SRWA reserves the right to only pay for such services rendered to the satisfaction of SRWA.

3. TERM OF AGREEMENT: This Agreement shall take effect on the above date and continue in effect until terminated by one party as provided below or by mutual written consent of the parties. This Agreement may be terminated at any time by either party upon 30 days advance written notice to the other party. In the event of termination, CONSULTANT shall be compensated for all Services performed to the date of termination as calculated by Agency based on the above fee and payment provisions. If SRWA so requests, and at SRWA's cost, CONSULTANT shall provide sufficient oral or written status reports to make SRWA reasonably aware of the status of CONSULTANT'S work on the Services at the time of termination. Further, if SRWA so requests, and at SRWA's cost, CONSULTANT shall deliver to SRWA any work products whether in draft or final form which have been produced to date.

4. INSURANCE: CONSULTANT shall not commence work or services under this Agreement until CONSULTANT has obtained SRWA's approval regarding all insurance requirements, forms, endorsements, amounts, and carrier ratings, nor shall CONSULTANT allow any subcontractor to commence work or services on a subcontract until all similar insurance required of the subcontractor shall have been so obtained and approved. CONSULTANT shall procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work or services hereunder by CONSULTANT, its agents, representatives, employees or subcontractors. Failure to maintain or renew coverage or to provide evidence of renewal constitutes a material breach of contract.

(a) Minimum Scope of Insurance: Coverage shall be at least as broad as:

(1) Insurance Services Office Commercial General Liability coverage (occurrence Form CG 00 01) with an additional insured endorsement (form CG 20 10 for ongoing operations and 20 37 for products/completed operations), to be approved by the SRWA.

(2) Insurance Services Office Form CA 00 01 covering Automobile Liability, Code 1 (any auto).

(3) Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.

(4) Errors and Omissions/Professional Liability Insurance.

(b) Minimum Limits of Insurance: CONSULTANT shall maintain limits no less than:

(1) General Liability (including operations, products and completed operations): \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

(2) Automobile Liability: \$1,000,000 per occurrence for bodily injury and property damage.

(3) Workers' Compensation: as statutorily required by the State of California. Employer's Liability: \$500,000 per accident for bodily injury or disease.

(4) Errors and Omissions/Professional Liability: \$1,000,000 per claim.

(c) Deductibles and Self-Insured Retentions: Upon request of SRWA, any deductibles or self-insured retentions must be declared to and approved by SRWA. At the option of SRWA, either: (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects SRWA, its elective and appointive boards, officers, agents, employees, and volunteers; or (2) CONSULTANT shall provide a financial guarantee satisfactory to SRWA guaranteeing payment of losses and related investigations, claim administration and defense expenses.

(d) Other Insurance Provisions: The commercial general liability policy shall contain, or be endorsed to contain, the following provisions:

(1) SRWA, its elective and appointive boards, officers, agents, employees, and volunteers are to be covered as additional insured with respect to liability arising out of work or operations performed by or on behalf of CONSULTANT, including materials, parts or equipment furnished in connection with such work or operations, which coverage shall be maintained in effect for at least three years following the completion of the work specified in the contract. General liability coverage can be provided in the form of an endorsement to CONSULTANT's insurance (at least as broad as CG 20 10 for ongoing operations and CG 20 37 for products/completed operations), or as a separate Owners and Contractors Protective Liability policy providing both ongoing operations and completed operations coverage.

(2) For any claims related to this project, CONSULTANT's insurance coverage shall be primary insurance as respects SRWA and any insurance or self-insurance maintained by SRWA shall be excess of CONSULTANT's insurance and shall not contribute with it.

(3) In the event of cancellation, non-renewal, or material change that reduces or restricts the insurance coverage afforded to SRWA under this Agreement, the insurer, broker/producer, or CONSULTANT shall provide SRWA with 30 days' prior written notice of such cancellation, non-renewal, or material change.

(4) Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of the Civil Code.

(e) Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

(f) Verification of Coverage: CONSULTANT shall furnish SRWA with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by SRWA before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive CONSULTANT'S obligation to provide them. SRWA reserves the right, at any time, to require complete, certified copies of all required insurance policies and endorsements.

(g) Waiver of Subrogation: With the exception of professional liability, CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss. The commercial general liability policy and workers' compensation policy shall be endorsed to contain a waiver of subrogation in favor of SRWA for all work performed by CONSULTANT, its agents, employees, independent contractors and subcontractors. CONSULTANT agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

5. INDEMNIFICATION: CONSULTANT shall indemnify, defend, and hold harmless SRWA and its officers, agents, employees, and volunteers from and against any and all claim,

demand, cost, or liability that arises out of, pertains to, or relates to, the negligence, recklessness, or willful misconduct of CONSULTANT and its employees or agents in the performance of services under this contract, but this indemnity does not apply to liability for damages arising from the sole negligence, active negligence, or willful misconduct of SRWA.

6. INDEPENDENT CONTRACTOR RELATIONSHIP: All acts of CONSULTANT, its agents, officers, and employees and all others acting on behalf of CONSULTANT relating to the performance of this Agreement, shall be performed as an independent contractor and not as an agent, officer, or employee of SRWA. It is understood by both CONSULTANT and SRWA that this Agreement shall not under any circumstances be construed or considered to create an employer-employee relationship.

CONSULTANT shall determine the method, details and means of performing the work and services to be provided by CONSULTANT under this Agreement. CONSULTANT shall be responsible to SRWA only for the requirements and results specified in this Agreement, and, except as expressly provided in this Agreement, shall not be subjected to SRWA's control with respect to the physical action or activities of the CONSULTANT in fulfillment of this Agreement. CONSULTANT has control over the manner and means of performing the services under this Agreement. CONSULTANT is permitted to provide services to others during the same period that service is provided to SRWA under this Agreement. If necessary, CONSULTANT has the responsibility for employing other persons or firms to assist CONSULTANT in fulfilling the terms and obligations under this Agreement.

As an independent contractor, CONSULTANT shall indemnify and hold SRWA harmless from any and all claims that may be made against SRWA based upon any contention by any third party that an employer-employee relationship exists by reason of this Agreement. CONSULTANT shall, to the fullest extent permitted by law, indemnify SRWA, and its officers, employees, volunteers and agents from and against any and all liability, penalties, expenses and costs resulting from any adverse determination by the federal Internal Revenue Service, California Franchise Tax Board, other federal or state agency, or court concerning CONSULTANT's independent contractor status or employment-related liability.

7. CONFORMANCE WITH FEDERAL AND STATE LAW: CONSULTANT shall perform the Services in compliance with all applicable federal, state and local laws and regulations. CONSULTANT shall possess, maintain and comply with all federal, state and local permits, licenses and certificates that may be required for it to perform the Services. CONSULTANT shall comply with all federal, state and local air pollution control laws and regulations applicable to CONSULTANT and the Services (as required by California Code of Regulations title 13, section 2022.1).

8. NONDISCRIMINATION: CONSULTANT shall not discriminate against any employee or applicant for employment because of age, race religion, color, sex, national origin, or other class protected under California law. CONSULTANT shall also comply with the requirement of Title VII of the Civil Rights Act of 1964 (P.L. 88-352) and with all applicable regulations, statutes, laws, etc., promulgated pursuant to the civil rights acts of the government of the United States and the State of California now in existence or hereafter enacted.

9. ENTIRE AGREEMENT AND MODIFICATION: The parties intend this writing to be the sole, final, complete, exclusive and integrated expression and statement of the terms of their contract concerning the Services. This Agreement supersedes all prior oral or written negotiations, representations, contracts or other documents that may be related to the Services, except those other documents (if any) that are expressly referenced in this Agreement. This Agreement may be amended only by a subsequent written contract approved and signed by both parties.

10. PROFESSIONAL ABILITY OF CONSULTANT: CONSULTANT represents that it has all of the necessary professional capabilities and experience, as well as all tools, instrumentalities, facilities, training, personnel, and other resources necessary to competently perform the Services contemplated by this Agreement. CONSULTANT further represents that it will follow the best current, generally accepted, and professional practices to make findings, render opinions, prepare factual presentations, and provide professional advice and recommendations regarding this project. SRWA has relied upon CONSULTANT's training, experience, skill, ability, knowledge and certification as a material inducement to enter into this Agreement. All Services performed by CONSULTANT shall be in accordance with applicable legal requirements and meet the standard of care and quality ordinarily to be expected of competent professionals in CONSULTANT's field.

11. OWNERSHIP OF DOCUMENTS: All works of authorship and every report, study, spreadsheet, worksheet, plan, design, blueprint, specification, drawing, map, photograph, computer model, computer disk, magnetic tape, CAD data file, computer software and any other document or thing prepared, developed or created by CONSULTANT under this Agreement and provided to SRWA ("Work Product") shall be the property of SRWA, and SRWA shall have the rights to use, modify, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product without further compensation to CONSULTANT or any other party. CONSULTANT may retain a copy of any Work Product and use, reproduce, publish, display, broadcast and distribute any Work Product and prepare derivative and additional documents or works based on any Work Product; provided, however, that CONSULTANT shall not provide any Work Product to any third party without SRWA's prior written approval, unless compelled to do so by legal process. If any Work Product is copyrightable, CONSULTANT may copyright the same, except that, as to any Work Product that is copyrighted by CONSULTANT, SRWA reserves a royalty-free, nonexclusive and irrevocable license to use, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product. If SRWA reuses or modifies any Work Product for a use or purpose other than that intended by the scope of Services under this Agreement, then SRWA shall hold CONSULTANT harmless against all claims, damages, losses and expenses arising from such reuse or modification. For any Work Product provided to SRWA in paper format, upon request by SRWA at any time (including, but not limited to, at or after expiration or termination of this Agreement), CONSULTANT agrees to provide the Work Product to SRWA in a readable, transferable and usable electronic format generally acknowledged as being an industry-standard format for information exchange between computers (e.g., Word file, Excel spreadsheet file, AutoCAD file).

12. INTEREST OF CONSULTANT: CONSULTANT warrants that it presently has no financial interest and shall not acquire any financial interest, direct or indirect, which would conflict in any manner or degree with the performance of the Services. CONSULTANT warrants that, in performance of this Agreement, CONSULTANT shall not employ any person having any such financial interest. CONSULTANT agrees to file a FPPC Statement of Economic Interests Form 700 with SRWA at the start and end of this contract if so directed in writing by SRWA.

13. AMENDMENTS: It may become desirable or necessary during the execution of this Agreement, for SRWA or CONSULTANT to modify the scope of services provided for under this Agreement or to otherwise amend the Agreement. Any change in the Agreement requires a written amendment approved and signed by both parties. Any Agreement amendment by SRWA requires approval by its Board of Directors. Until an amendment is so approved and signed, SRWA will not be responsible to pay any charges CONSULTANT may incur in performing such additional services, and CONSULTANT shall not be required to perform any such additional services.

14. PARTIAL INVALIDITY: If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall

nevertheless continue in full force and effect and be fully binding, provided that each party still receives the benefits of this Agreement.

15. WAIVER: The waiver by any party to this Agreement of a breach of any provision hereof shall be in writing and shall not operate or be construed as a waiver of any other or subsequent breach hereof unless specifically stated in writing.

16. CONSULTANT RECORDS AND AUDIT: CONSULTANT shall keep and maintain all ledgers, books of account, invoices, vouchers, canceled checks, and other records and documents evidencing or relating to the Services and invoice preparation and support for a minimum period of four years (or for any longer period required by law) from the date of final payment to CONSULTANT under this Agreement. SRWA may inspect and audit such books and records, including source documents, to verify all charges, payments and reimbursable costs under this Agreement. In accordance with California Government Code section 8546.7, the parties acknowledge that this Agreement, and performance and payments under it, are subject to examination and audit by the California State Auditor for three years following final payment under the Agreement.

17. GOVERNING LAW: This Agreement shall be governed according to the laws of the State of California.

18. ASSIGNMENT: This Agreement and all rights and obligations under it are personal to the parties. The Agreement may not be transferred, assigned, delegated or subcontracted in whole or in part, whether by assignment, subcontract, merger, operation of law or otherwise, by either party without the prior written consent of the other party. Any transfer, assignment, delegation, or subcontract in violation of this provision is null and void and grounds for the other party to terminate the Agreement.

19. NOTICE: Any notice, demand, invoice or other communication required or permitted to be given under this Agreement must be in writing and delivered either (a) in person, (b) by prepaid, first class U.S. mail, (c) by a nationally-recognized commercial overnight courier service that guarantees next day delivery and provides a receipt, or (d) by email with confirmed receipt. Such notices, etc. shall be addressed as follows:

<p>SRWA:</p> <p>Attn: Board Chairman 156 South Broadway, Suite 270 Turlock, CA 95380-5454</p>	<p>CONSULTANT:</p> <p>Granberg & Associates, Inc. 2324 Jonathon Ct. Escalon, CA 95320</p>
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Notice given as above will be deemed given (a) when delivered in person, (b) three days after deposited in prepaid, first class U.S. mail, (c) on the date of delivery as shown on the overnight courier service receipt, or (d) upon the sender's receipt of an email from the other party confirming the delivery of the notice, etc. Any party may change its contact information by notifying the other party of the change in the manner provided above.

20. AGENCY CONTRACT ADMINISTRATOR: The SRWA's contract administrator and contact person for this Agreement is:

Board Chair
156 S. Broadway, Ste. 270
Turlock, CA 95380-5456
Telephone: (209) 668-5540

SRWA, a Joint Powers Authority

GRANBERG & ASSOCIATES, INC.

7D

By: Ch T. V.
Board Chair

By: Robert J. Granberg
Title: President

Date: 5/29/18

Print name: Robert L. Granberg

APPROVED AS TO FORM:

Date: 05/14/18

By: Richard Shanahan
Richard Shanahan, SRWA Attorney

ATTEST:

By: Allison Martin
Allison Martin, Board Secretary



Job Description

General Manager

Stanislaus Regional Water Authority

The Stanislaus Regional Water Authority (SRWA) is a regional Joint Powers Authority formed to obtain, treat and deliver sustainable, reliable and high-quality water supplies for participating member customers and stakeholders.

POSITION-DISTINGUISHING CHARACTERISTICS:

The General Manager will have overall responsibility for the timely and cost-effective execution and management of actions associated with the Surface Water Supply Project (Project). The General Manager will be accountable for accomplishing and furthering SRWA goals and objectives within general policy guidelines; and, under administrative direction of the Board of Directors, will be granted considerable leeway to exercise independent judgment and initiative. The General Manager shall provide energetic leadership and have a track record of accomplishing similar projects in size and/or complexity.

SUPERVISION RECEIVED AND EXERCISED:

The General Manager reports to and receives direction from the SRWA Board of Directors. Responsibilities may include direct or indirect management, administrative oversight, or supervision of managerial, professional, technical, administrative or clerical personnel employed by or contracted to the SRWA, or City staff assigned to the SRWA.

ESSENTIAL DUTIES AND FUNCTIONS:

May include, but are not limited to, the following:

- Represent Board policies, programs and interests in Board meetings, with state and local government regulators, and in media and public relations interactions with SRWA member employees, community representatives, and the general public
- Perform a variety of highly complex administrative and managerial duties required to oversee and coordinate operations and special projects to ensure they are in concert with the policies and goals of the SRWA and SRWA Board of Directors
- Prepare monthly Board packets
- Formulate and implement policies, standards and procedures; ensure compliance with applicable laws and regulations
- Accomplish and submit special studies and reports to the Board of Directors with recommendations for policy decisions
- Keep informed and keep the Board informed of national, state or regional issues that may potentially impact SRWA
- Ensure formal and informal, internal and external communication is effective and avoids confusion
- Work with PM team to develop and administer SRWA operating and capital budgets and cash flows
- Present an annual budget for Board adoption; monitor expenditures to ensure the efficient and effective use of resources
- Research grant and supplemental funding source availability; prepare and administer grant applications and reimbursements
- Review budget requests and make recommendations on final expenditure levels
- Develop organizational, staffing or technology modifications necessary to optimize effectiveness and minimize costs
- Recommend changes to administrative practices to increase the efficiency and economy of SRWA operations and services
- Prepare, negotiate and administer contracts and agreements; oversee existing and future SRWA contracts with others
- Maintain positive working relationships and customer service principles in responding to complaints and information requests

KEY FY 17/18 ACTIVITIES & ENVISIONED ROLE OF GENERAL MANAGER:

- Stakeholder/community outreach
 - Meet with and provide project updates and/or presentations to City Councils, TID Board, public, and concerned citizens/community groups
- Execution of funding strategy
 - Attend meetings with elected officials and funding agencies to advocate for Project funding
- Outreach with SRF staff regarding Drinking Water low interest loan
 - Primary Project contact and advocacy for allocation of maximum funds to Project
- Coordination with Division of Drinking Water staff
 - Primary Project contact and negotiator regarding proposed Permit to Operate requirements
- TID Water Right Modifications
 - Support TID efforts, attend meetings with State Water Resources Control Board staff as SRWA representative
- Project procurement
 - Primary SRWA contact throughout procurement process, evaluator of proposing design build teams, contributor to terms of contract and project-specific requirements
- Updates to Project Partner Cost Sharing Allocations
 - Moderator for discussions regarding revised Project partner cost sharing allocations, as necessary
- Coordination with wholesale water contractors
 - Primary point of contact for outreach to, and negotiation with, potential wholesale water contractors interested in participating in the SRWA Project
- Environmental and non-environmental documentation and permitting
 - Project contact, negotiator, and advocate with permitting agencies, presentation at public meeting(s)
- Property acquisition
 - Sign approvals to acquire, sign letters of assurance, discussions with property owners, as needed
- SRWA Board Meetings
 - Agenda preparation and attendance at Board meetings, presentation of Project updates,
- Project oversight
 - Negotiate and provide oversight of consultant contracts, invoice review and approval, interface with SWRA secretary, legal counsel, and accountant, budget tracking against projected cash flow, work closely with Program Management Team

EXHIBIT B
Fees and Expense Reimbursement

SRWA shall pay to CONSULTANT a fee based on CONSULTANT's hourly rate of \$250.00 per hour and the actual time necessarily and actually expended on the Services. This rate applies to Robert Granberg, P.E., who will be primarily responsible for providing Services under this Agreement. Any other Consultant personnel assigned to the work (subject to prior approval by SRWA) will be billed at Consultant's standard billing rates for such personnel.

The hourly rate set forth above shall apply through the end of the Authority's 2018-19 fiscal year. The annual contract amount per fiscal year shall not to exceed \$300,000, without approval of the SRWA Board of Directors. The parties will renegotiate the rate prior to each subsequent fiscal year thereafter and may approve rate adjustments in accordance with the reasonable increased cost of living and business expenses. SRWA approval of an adjusted hourly rate requires action by the SRWA Board of Directors.

Consultant also may bill the Agency for, and Agency shall reimburse, the following types of necessary, actual and reasonable travel and business expenses incurred by Consultant in connection with the Services:

1. Travel time from Consultant's primary office location to meetings in Stanislaus and San Joaquin County's will not be included in the billed services.
2. Mileage reimbursement for use of a personal vehicle at the then current IRS rate, with itemized detail describing the SRWA business. Consultant's mileage reimbursement shall apply solely to travel while conducting SRWA business outside of Stanislaus and San Joaquin County.
3. Parking fees.
4. Lodging for travel over 120 miles one way from CONSULTANT's residence, subject to prior approval by SRWA.
5. Air travel, subject to prior approval by SRWA.
6. Meal costs (including reasonable tip) when meeting to conduct SRWA business.

Expenses under items 2-5 must be supported with a bill, receipt, or other appropriate documentation. Reimbursement also is subject to compliance with the SRWA expense reimbursement policy.

From: Robert Granberg, General Manager
Prepared by: Robert Granberg, General Manager

1. ACTION RECOMMENDED:

Motion: Approving Amendment No. 2 to the Agreement for Special Services with Montrose Environmental for Phase 3 CEQA/NEPA/Permitting Support for the Regional Surface Water Supply Project

2. DISCUSSION OF ISSUE:

Montrose Environmental, formerly known as Horizon Water and Environment, has been providing Phase 3 environmental support services to the SRWA under an Agreement for Special Services dated June 29, 2020. Phase 3 CEQA/NEPA support activities include the following ongoing tasks:

- Regular meetings with the Project team
- Phase 2 Revegetation Monitoring and Reporting
- Phase 3 Revegetation Plan
- Biological Surveys
- State Revolving Fund Loan Reporting
- Project Coordination

This Amendment would move budget between existing tasks and extend Montrose's work concurrent with project activities through Fiscal Year 23/24.

3. FISCAL IMPACT / BUDGET AMENDMENT:

There is no fiscal impact with this Amendment.

4. GENERAL MANAGER'S COMMENTS:

Recommends approval.

5. ENVIRONMENTAL DETERMINATION:

N/A

6. ALTERNATIVES:

Alternatively, the Board could terminate the Montrose Agreement and direct the General Manager to solicit proposals for continued environmental support from other qualified environmental firms offering similar services.



**AMENDMENT NO. 2
to the
AGREEMENT FOR SPECIAL SERVICES
between
STANISLAUS REGIONAL WATER AUTHORITY
and
MONTROSE ENVIRONMENTAL
for
PHASE 3 CEQA/NEPA/PERMITTING SUPPORT**

THIS AMENDMENT, dated June 15, 2023, is entered into by and between the STANISLAUS REGIONAL WATER AUTHORITY, a Joint Powers Authority of the State of California, hereinafter referred to as “SRWA,” and MONTROSE ENVIRONMENTAL, formerly known as HORIZON WATER AND ENVIRONMENT, Inc., a California corporation, hereinafter referred to as “CONSULTANT”.

WHEREAS, the Stanislaus Regional Water Authority (SRWA) entered into an agreement dated June 29, 2020 with CONSULTANT for Phase 3 CEQA/NEPA/Permitting support (hereinafter the “Agreement”) in the amount of \$460,024; and

WHEREAS, the Agreement was amended on May 26, 2021, for preparation of a Biological Assessment to support project operations; and

WHEREAS, the budget for Tasks 22.3 General Compliance Support, 22.4 Additional Mitigation and Monitoring, and 21.2 CDFW LSAA are insufficient to complete work contemplated under this Agreement; and

WHEREAS, the term of the Agreement expires on June 30, 2024, and needs to be extended to complete Phase 3 activities concurrent with completion of construction and project closeout activities for the Regional Surface Water Supply Project; and

NOW, THEREFORE, the parties hereto mutually agree to amend said Agreement as follows:

1. The remaining budget for Task 24 P3 AQ/GHG Mitigation, in the amount of \$25,906.25, be allocated to Task 22.3 General Compliance Support; and

2. The remaining budget for Task 25 P3 Noise Mitigation, in the amount of \$14,128.75, be allocated to Task 22.4 Additional Mitigation and Monitoring; and
3. \$5,843.06 of the remaining budget for Task 21.4 NMFS BA/Consultation, be allocated to Task 21.2 CDFW LSAA; and
4. The term of this Agreement is extended to June 30, 2024.

All other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by and through their respective officers thereunto duly authorized.

**STANISLAUS REGIONAL WATER
AUTHORITY**, a Joint Powers Authority

MONTROSE ENVIRONMENTAL
a California corporation

By: _____
Robert Granberg, General Manager

By: _____
Tom Engels, Principal

From: Robert Granberg, General Manager
Prepared by: Robert Granberg, General Manager

1. ACTION RECOMMENDED:

Motion: Approving Amendment No. 10 to the Agreement for Special Services with West Yost Associates for Phase 3 Program Management Services for the Regional Surface Water Supply Project

2. DISCUSSION OF ISSUE:

West Yost's Contract Amendment No. 8, approved by the Board on June 29, 2020, provided for Phase 3 services through June 30, 2023, concurrent with Design-Build activities. Those Phase 3 administrative program management and Design-Build contract oversight services include the following ongoing tasks:

- Regular meetings with the Project team (TAC, Executive TAC and Board)
- Funding and financing tracking/reporting
- Public outreach
- Technical services in support of the Design-Build contract

Contract Amendment No. 9, approved by the Board on November 19, 2020, was for a scope and budget reduction and did not extend the time for Contract completion. As with prior Amendments, all work contemplated in Amendment No. 10 will be done on a time-and-materials basis.

This Amendment would extend West Yost's work for an additional year, at West Yost's FY 2023/24 billing rates, concurrent with project activities through Fiscal Year 2023/24.

This Amendment does not modify the scope of services provided and, therefore, does not contemplate the operation and maintenance engineering support that is anticipated and included in the FY 2023/24 budget. A separate Agreement or Amendment would be needed to cover scope items such as Urban Water Management Plan preparation, Filter Rerating support, America's Water Infrastructure Act (AWIA) Water Resilience reporting, and general engineering support during the first year of operations.

3. FISCAL IMPACT / BUDGET AMENDMENT:

There is no fiscal impact with this time extension-only Amendment.

4. GENERAL MANAGER'S COMMENTS:

Recommends approval.

5. ENVIRONMENTAL DETERMINATION:

N/A

6. ALTERNATIVES:

Alternatively, the Board could terminate West Yost's Program Management Contract and direct the General Manager to solicit proposals for Program Management Services.



**AMENDMENT NO. 10
to the
AGREEMENT FOR SPECIAL SERVICES
between
STANISLAUS REGIONAL WATER AUTHORITY
and
WEST YOST ASSOCIATES
for
PROGRAM MANAGEMENT SERVICES**

THIS AMENDMENT, dated June 15, 2023, is entered into by and between the STANISLAUS REGIONAL WATER AUTHORITY, a Joint Powers Authority of the State of California, hereinafter referred to as “SRWA” and WEST YOST & ASSOCIATES, Inc., a California corporation, hereinafter referred to as “CONSULTANT”.

WHEREAS, the Stanislaus Regional Water Authority (SRWA) entered into an agreement dated April 13, 2016 with West Yost Associates (CONSULTANT) for program management services (hereinafter the “Agreement”) in the amount of \$2,007,472; and

WHEREAS, on September 22, 2016, the Agreement was amended (Amendment No. 1) in the amount of \$105,000; and

WHEREAS, on November 10, 2016, the Agreement was amended (Amendment No. 2) in the amount of \$255,232; and

WHEREAS, on January 26, 2017, the Agreement was amended (Amendment No. 3) in the amount of \$177,206; and

WHEREAS, on August 3, 2017, the Agreement was amended (Amendment No.4) in the amount of \$273,255; and

WHEREAS, on October 26, 2017, the Agreement was amended (Amendment No. 5) in the amount of \$5,667,453; and

WHEREAS, on August 1, 2019, the Agreement was amended (Amendment No. 6), to extend the Agreement term from August 31, 2019 to December 31, 2019 with no additional compensation; and

WHEREAS, on November 21, 2019, the Agreement was amended (Amendment No. 7), to extend the Agreement term from December 31, 2019 to June 30, 2020 with no additional compensation; and

WHEREAS, on November 21, 2019, the Board passed Resolution 2019-011 decreasing the Agreement by \$24,401 for engineering services provided during construction of the Wet Well project; and

WHEREAS, on June 29, 2020, the Agreement was amended (Amendment No. 8), in the amount of \$7,341,642.

WHEREAS, on November 19, 2020, the Agreement was amended (Amendment No. 9), to reduce the amount by \$2,698,827.

NOW, THEREFORE, the parties hereto mutually agree to amend said Agreement as follows:

1. Paragraph 4 of the Agreement is amended to read as follows:

“4. **COMPENSATION:** CONSULTANT’s total compensation for Amendment No. 10 shall remain unchanged and shall not exceed \$13,104,032. Such maximum amount shall be compensation for all of CONSULTANT’S expenses incurred in the performance of the Agreement, as amended by Amendment Nos. 1 through 10 at the billing rates set forth in Exhibit A.”

2. Paragraph 5 of the Agreement is amended to read as follows:

“5. **TERM:** This Amendment shall become effective Jul 1, 2023 and end upon satisfactory completion, as determined by the SRWA, of the entire Scope of Work as set forth in the Agreement, as amended, unless sooner terminated as provided by the Agreement. Work under this Amendment is anticipated to span the period from July 1, 2023 to June 30, 3024.”

All other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by and through their respective officers thereunto duly authorized.

**STANISLAUS REGIONAL WATER
AUTHORITY, a Joint Powers Authority**

**WEST YOST & ASSOCIATES, Inc.
a California corporation**

By: _____
Amy Bublak
Board Chair

By: _____
Lindsay Smith
Vice President

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____
Jennifer Buckman
Interim General Counsel



2023-2024 Billing Rate Schedule

(Effective July 1, 2023 through June 30, 2024)*

POSITIONS	LABOR CHARGES (DOLLARS PER HOUR)
ENGINEERING	
Principal/Vice President	\$348
Engineer/Scientist/Geologist Manager I / II	\$329 / \$344
Principal Engineer/Scientist/Geologist I / II	\$297 / \$316
Senior Engineer/Scientist/Geologist I / II	\$267 / \$280
Associate Engineer/Scientist/Geologist I / II	\$221 / \$238
Engineer/Scientist/Geologist I / II	\$178 / \$207
Engineering Aide	\$104
Field Monitoring Services	\$129
Administrative I / II / III / IV	\$95 / \$118 / \$142 / \$157
ENGINEERING TECHNOLOGY	
Engineering Tech Manager I / II	\$342 / \$344
Principal Tech Specialist I / II	\$314 / \$324
Senior Tech Specialist I / II	\$287 / \$300
Senior GIS Analyst	\$260
GIS Analyst	\$246
Technical Specialist I / II / III / IV	\$183 / \$209 / \$235 / \$262
Technical Analyst I / II	\$132 / \$157
Technical Analyst Intern	\$106
Cross-Connection Control Specialist I / II / III / IV	\$137 / \$148 / \$167 / \$185
CAD Manager	\$207
CAD Designer I / II	\$161 / \$181
CONSTRUCTION MANAGEMENT	
Senior Construction Manager	\$332
Construction Manager I / II / III / IV	\$203 / \$217 / \$231 / \$291
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	\$177 / \$197 / \$219 / \$228
Apprentice Inspector	\$161
CM Administrative I / II	\$85 / \$115
Field Services	\$228

- Hourly rates include Technology and Communication charges such as general and CAD computer, software, telephone, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.
- Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, etc. will be billed at actual cost plus 15%.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 10%.
- Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.
- A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.



2023-2024 Billing Rate Schedule

(Effective July 1, 2023 through June 30, 2024)*

Equipment Charges

EQUIPMENT	BILLING RATES
2" Purge Pump & Control Box	\$300 / day
Aquacalc / Pygmy or AA Flow Meter	\$28 / day
Emergency SCADA System	\$35 / day
Field Vehicles (Groundwater)	\$1 / mile
Gas Detector	\$80 / day
Generator	\$60 / day
Hydrant Pressure Gauge	\$10 / day
Hydrant Pressure Recorder, Impulse (Transient)	\$55 / day
Hydrant Pressure Recorder, Standard	\$40 / day
Low Flow Pump Back Pack	\$135 / day
Low Flow Pump Controller	\$200 / day
Powers Water Level Meter	\$32 / day
Precision Water Level Meter 300ft	\$30 / day
Precision Water Level Meter 500ft	\$40 / day
Precision Water Level Meter 700ft	\$45 / day
QED Sample Pro Bladder Pump	\$65 / day
Stainless Steel Wire per foot	0.03 / day
Storage Tank	\$20 / day
Sump Pump	\$24 / day
Transducer Components (per installation)	\$23 / day
Trimble GPS – Geo 7x	\$220 / day
Tube Length Counter	\$22 / day
Turbidity Meter	\$30 / day
Vehicle (Construction Management)	\$10 / hour
Water Flow Probe Meter	\$20 / day
Water Quality Meter	\$50 / day
Water Quality Multimeter	\$185 / day
Well Sounder	\$30 / day