

Zone A Pump Station and Transmission Main Project RFP Addendum #2

Project Description:

RFP to for work which includes the following general scope items:

1. Facility 20 – Zone A Pump Station. Located at the Paradise Water Treatment Plant. Pulls water from the Treated Water Storage Tank (TWIST) and pumps through the new Zone A Transmission Main to the existing A-Zone distribution system near Reservoir A.
2. Facility 25 – Pump Station 2 – Installation of piping and valves which allow for the backfeed of B-Zone from A-Zone if necessary.
3. Facility 30 – Zone A Transmission Main. Approximately 7350-ft of 16" PVC C900 or Ductile Iron water transmission main installed in Pine Needle Drive, Skyway and New Skyway with the majority of the pipeline in New Skyway. The work in New Skyway will involve traffic control, and diversion of traffic using Skyway.

For:

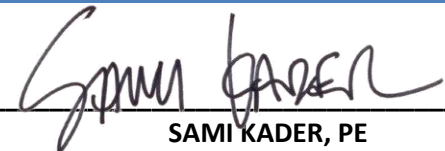
Paradise Irrigation District
6332 Clark Rd
Paradise CA 95969

Proposals Due:

1:00 pm, Thursday February 23, 2023

Mandatory Pre-Bid Meeting: 10:00 am, Tuesday January 31, 2023

APPROVED: _____



SAMI KADER, PE
Project Manager

samik@wwengineers.com

530-355-7646

DATE ISSUED: 02 Feb 2023

The following changes, additions and/or deletions are hereby made a part of the Documents for the Construction of the PARADISE IRRIGATION DISTRICT ZONE A PUMP STATION AND TRANSMISSION MAIN PROJECT – JOB NUMBER 17-041 as fully and completely as if the same were fully set forth therein:

1. A scanned copy of the attendee's list for the Pre-Bid construction meeting is attached.
2. The answers to the questions asked during the pre-bid meeting are listed below:
 - a. Can the parts list for the Owner Purchased Equipment be provided?
 1. See the attached parts list. Additionally, the plans and specs were sent to the supplier to so they could do a take off of the items required for the ZATM work between STA 10+00 and STA 83+25 as noted on 30-P-01 and 30-P-17 in Volume 2 – Drawings. This list is not intended to be used as an all-inclusive list of Owner Purchased Equipment. The Drawing notes and Specification Sections describe the extent of the Owner Purchased Equipment and should be the basis for bids.
 2. Per Specification Section 15200 VS, Valves V601 to V662 will be Owner Purchased.
 - b. Have the parts been ordered yet?
 1. As of January 31, 2023, no, the parts have not been ordered. The owner is in the procurement process and expects to place the order in February.
 - c. What is the timing constraint for the TWST tie in?
 1. See the revised Special Constraints table attached.
 - d. Can the temporary shoring for the ZAPS construction be left in place?
 1. All temporary shoring shall be removed.
 - e. What is the purpose of the 2 PRVs in PS #2?
 1. The existing PRV maintains Zone A pressure when Tank A is out of service.
 2. The new PRV will maintain A Zone pressure while allowing high flows from Zone A to relieve to Zone B; it is set at a slightly higher relief pressure than the existing PRV.
 3. See attached 25-M-02. This sheet is included for information only.

- f. Is the contractor allowed to drill or blast?
 - 1. There is no prohibition against drilling or blasting.
- g. What pipe material is the Owner purchasing for ZATM?
 - 1. The owner is purchasing PVC C900.
- h. What about the restraint details for the pipeline?
 - 1. The restrained sections are called out in Volume 2 – Drawings. The restrained fittings are included in the Owner’s purchase order.
- 3. The answers to the questions submitted to the engineer by February 01, 2023 are listed below:
 - a. Please provide the link to Paradise Irrigation District’s Procurement Policy.
 - 1. <https://pidwater.com/docs/district-operations/policy-procedures-manual/405-chapter-12-procurement-policy-2017/file>
 - b. Drawing page #SD-15, Detail 15008B Note 2 calls out specification section 0900 for clarification on shapes and coating of steel used for fixed pipe support racks. Please supply this specification section.
 - 1. This drawing detail should reference **Section 09900 – Painting**.
- 4. Make the following changes to Volume 1 – Bid Requirements and Specifications:
 - a. Specification Section 00500, AGREEMENT FORM, **REMOVE** the following verbiage:
 - 1. Article 4 -Contract Times Section 4.02 Liquidated Damages:
 - A. Contractor and Owner recognize ~~that time is of the essence as stated in Paragraph 4.01 above and~~ that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the Contract Times, as duly modified.
 - b. Specification Section 00500, AGREEMENT FORM, **ADD** the following verbiage:
 - 1. Article 7 – CONTRACT DOCUMENTS Section 7.01 Contents. A – The contract documents consist of all of the following:

Volume 3 – Geotechnical Report

- c. Specification Section 00080, ADVERTISEMENT FOR BIDS, **CHANGE** the question submission and answer dates to the following:
 - 1. Last day to submit questions is **February 14TH, 2023**. All questions will be answered by end of day on **February 16TH, 2023**.
- d. **Night work is no longer required for this project.** Specification Section 01130, SPECIAL PROJECT CONSTRAINTS, **REPLACE WITH** the following:

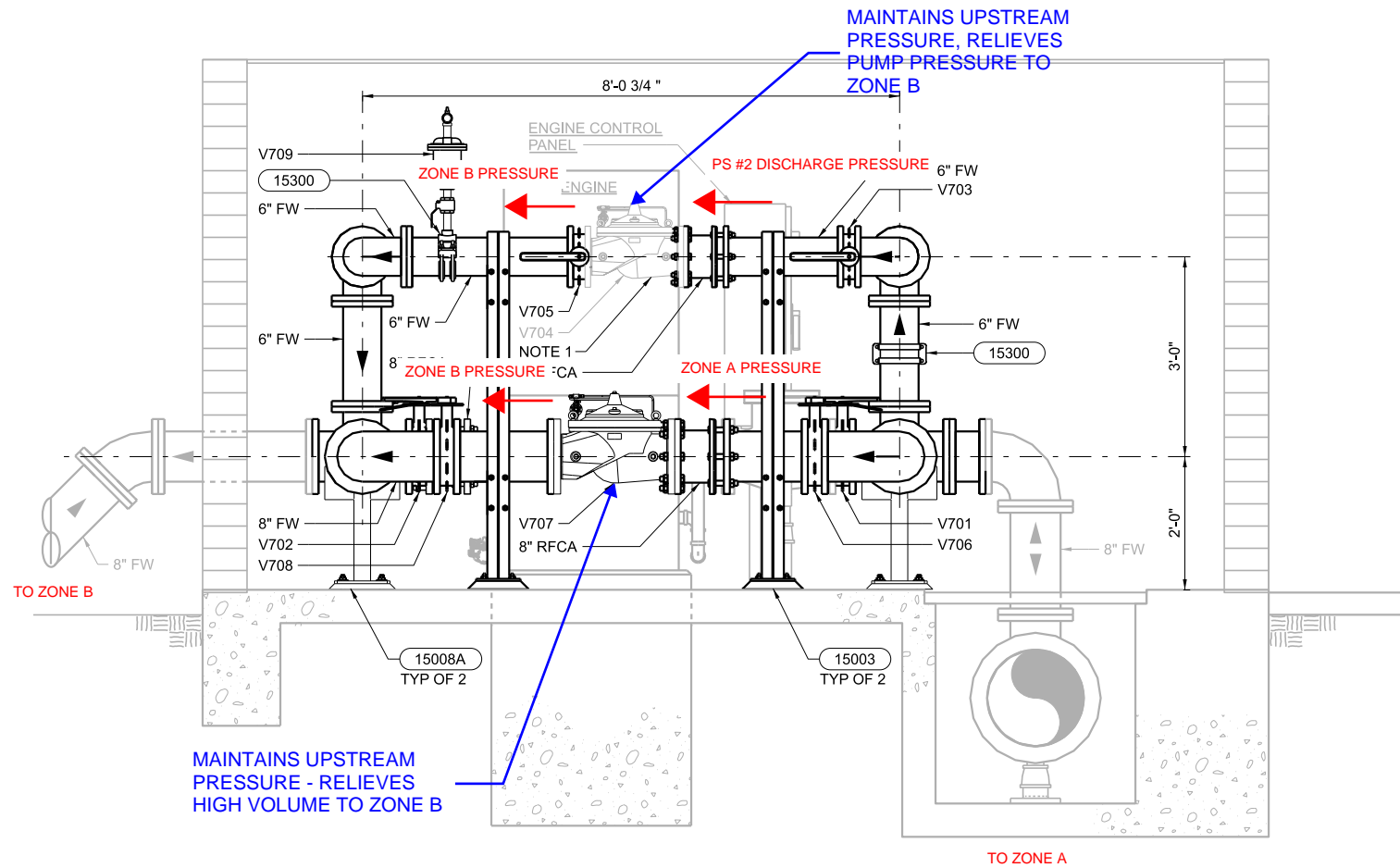
Paragraph 1.1.A.1. Work Hours:

 - 1. All work in New Skyway must be completed between the hours of **7:00 AM and 5:00 PM, Monday through Friday.**
- e. **REPLACE** Section 01130 Special Project Constraints Table 01130A with the attached revised table.
- 5. Make the following changes to Volume 2 – Drawings (11 inch by 17 inch):
 - a. **ADD** NOTE 6 to G-04 ADDITIONAL NOTES FOR WORK ON NEW SKYWAY as shown below:
 - 1. Note 6. CONTRACTOR to place slurry fill/CLSM up to within 2” of the road surface and then place 2” of temporary asphalt surface (cutback or cold mix) to be flush with existing road surface.
 - b. See the revisions to G-04 on the attached drawing sheet.

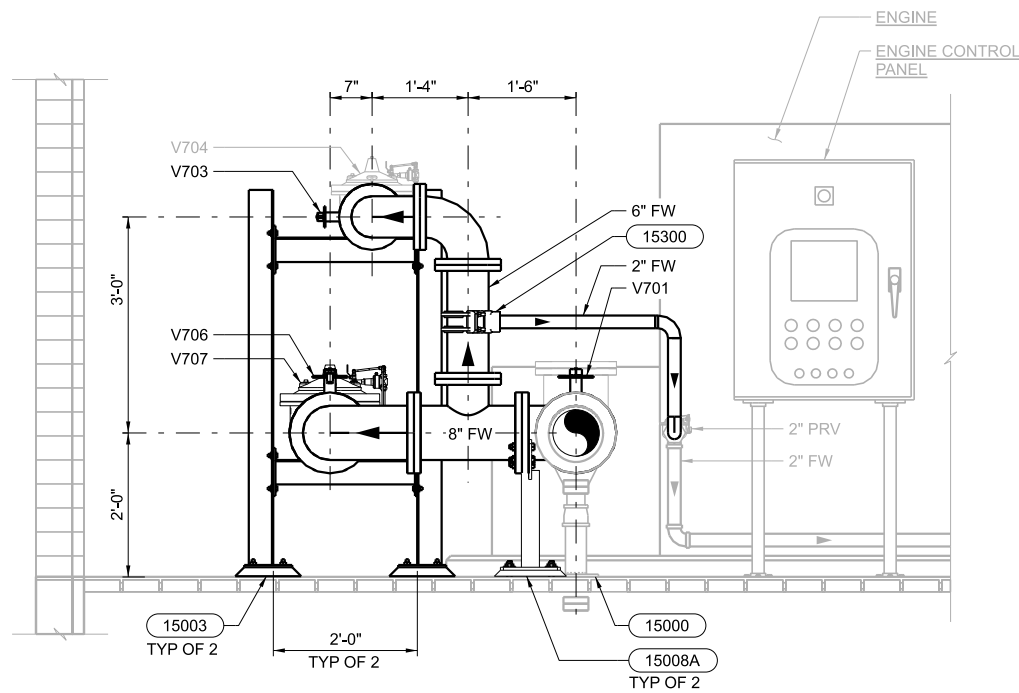
NAME	COMPANY	CELL PHONE	EMAIL
Tracy Poole	Poole's Integrity Built	(818) 683-3639	Poole's integrity built@gmail.com
Steven Dooley	McGuire & Hester	(530) 379-3236	Sacrestimating@mcguireandhester.com
Conkey Harmon	Stimpel-Wiebelhaus Assoc.	(530) 223-6605	Marshall@Stimpel.net
George Santos	Santos Excavation	530 894 2274	George@santosexcavating.com
CHES STARKER	OPERATING-CONTRACTORS	916-956-0722	CASTARKER@OES.org
Brian Evans	Myers & Sons Construction	916-283-9950	estimating@myers-sons.com
John Rottenburgh	Sybran Road	916-351-0457	ESTIMATING@SRCO.COM
SPENCER MENDEZ	RCL GENERAL ENGINEERING	(530) 682-0368	SPENCER@RCLGE.COM
Ernest Wilson	Stewart Engineering	530-244-8464	Kstewart@sehic.net
Jeff Mann	TFS Construction	(707) 355-7480	Estimating@916pipe.com JEFFM@916pipe.com
Jordan Hammond	Mountain Cascade, Inc.	(925) 373-8370	estimating@mountaincascade.com
Emiliano Ben	Avril Builders	(209) 864-8237	estimating@avrilbuilders
Kevin Albrecht	REF HORN	(530) 342-8655	ESTIMATING@KALBRECHT.COM

ZATM Owner Purchased Parts List

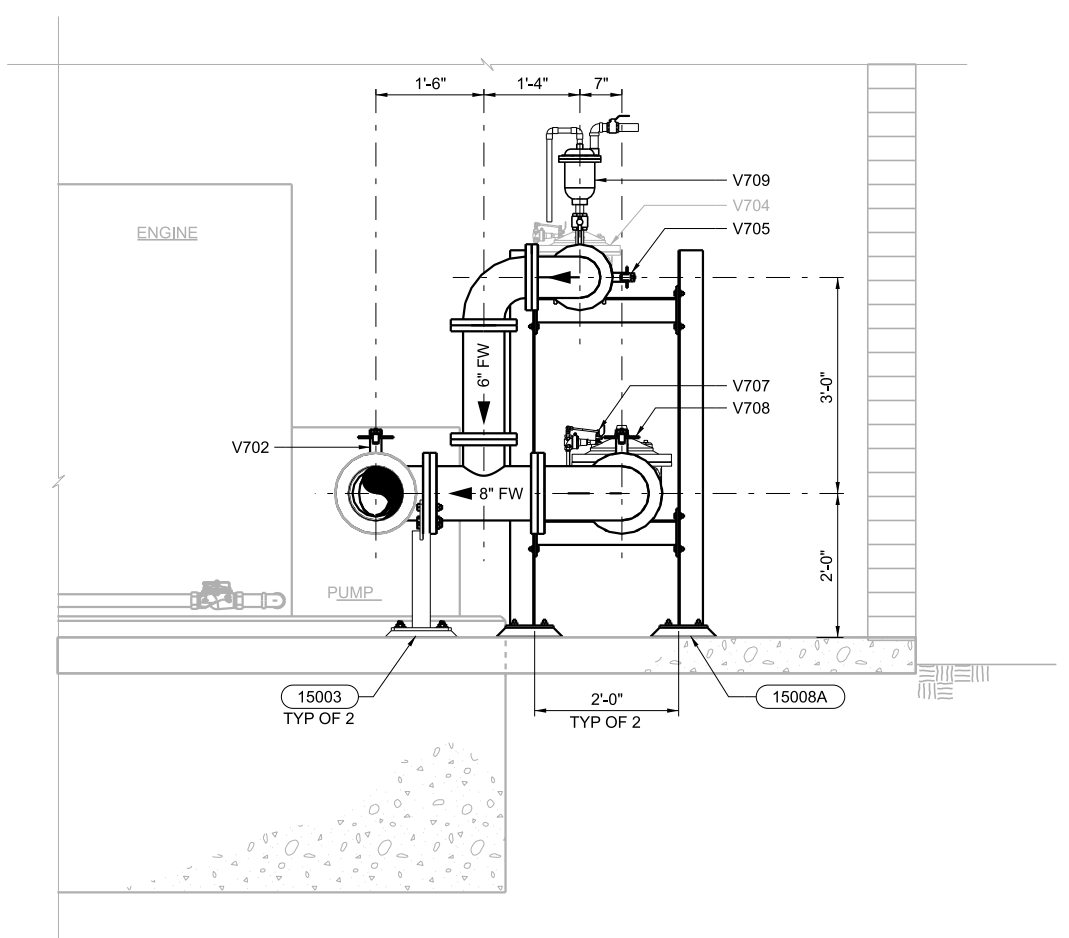
Part Description	Quantity
16" C905 Blue(PVC) Potable Water	7000 ft
12" C900 Blue(PVC) Potable Water	200ft
6" C900 Blue(PVC) Potable Water	100 ft
3" Ductile Iron (potable Water)	400 ft
8" corrugated plastic can stock	200ft
2" type "k" soft copper tubing	200ft
3" DIP 45 deg elbow	14
16" cx 8" ductile iron tee w/ bliind flange	7
3" port blind flange	7
3" ductile iron lbow	7
air and vacuum valve, w/ surge control	7
3" FLG (GAV-10)	7
3" FLG (CARV-02)	6
3" THR (BAV-03)	9
6" MJ (GAV-10)	10
6" FLG (HYD-30)	3
12" MJ (GAV-10)	1
16" MJ (GAV-10)	10
16" MJ x FLG (GAV-10)	2
16" 90 deg Angle	1
16" 45 deg Angle	7
16" 22.5 deg Angle	4
16" 11.25 deg Angle	4
16 x 16 x12 Tee	2
16 x 16 x6 Tee	3
16 x 16 x 8 Tee	6
Valve box/lid combos "water"	40
Valve box/lid combos "fire"	3
12" Blind flange	2
16" Blind Flange	2
Positive break off check valve (model LBI 400A)	3
Hydrant bury	3
16" double s.s. strap ductile iron service saddlew/ I.P. Outlet	9
2" bronze corp stop, MIP thread x comp or flare	9
2" brass \mip plug	9
2" brass full port ball valve (w/ SS Ball) Watts or equal	9
2" Adapter, MIP x flare or compression	9



A SECTION
5-M-1 3/4" = 1'-0"



C SECTION
5-M-1 3/4" = 1'-0"



B SECTION
5-M-1 3/4" = 1'-0"

NOTES:

1. SALVAGE EXISTING PRESSURE REGULATING VALVE FOR REINSTALLATION AS SHOWN.

1 0 1 2 FEET
SCALE 3/4"=1'-0"



DESIGNED S. MAGLADRY	DRAWN J. MARTIN	CHECKED S. KADER	APPROVED S. KADER
			
WATERWORKS ENGINEERS			
PARADISE IRRIGATION DISTRICT ZONE A PUMP STATION AND TRANSMISSION MAIN PROJECT PARADISE, CA			
MECHANICAL FACILITY 25 SECTIONS			
DATE DECEMBER 2022 PROJECT NUMBER 17-041 DRAWING NUMBER 25-M-2 SHEET NUMBER 43			

Table 01130-A							
Facility ¹		Constraints ²			Zone A Supply and Distribution System Operational Sequence During Facility Construction		
No.	Name	Prior Facility Completion	Construction Time Frame	Demand Season ³	Storage	Transmission Route	Zone A Pressure
20	ZAPS	None	2023-2024	Any	TWST	42" Main	PS #2
20	TWST tie ins (20-M-2), Level Switch Installation (20-E-4)	None ⁴	1 Month	Low	Reservoir B	42" Main	PS #2
20	Switchgear A/B	None	8 Hours	Any	TWST	42" Main	PS #2
20	MCC E Tie in	None	8 Hours	Any	TWST	42" Main	PS #2
30	ZATM	None	March-July 2023	Any	TWST	42" Main	PS #2
30	ZATM Tie in to Zone A	None	4 Hours	Low	TWST	42" Main	PS #2
25	PS #2	Facility 20 and 30	2023-2024	Any	TWST	ZATM	ZAPS

Footnotes

- Facility acronyms:
 - ZAPS – Zone A Pump Station
 - ZATM – Zone A Transmission Main
 - TWST -Treated Water Storage Tank
 - Res B – Reservoir B
 - PS #2 – Pump Station #2
- The WTP must continually be able to produce and supply treated water to its constituents during all portions of the construction project. Bypass and shut down operations of TWST must be coordinated during lowest demand periods to ensure CT is met in transmission main while demand storage is provided by Reservoir B.
- Seasonal Demand Definitions:
 - Low Season – October 1 to April 30
 - High Season – May 1 to September 30
- At least one tank at Reservoir B must be online. One tank is anticipated to be online prior to October 1st, 2023.

01130-4

[illegible]