



CAPITAL PROGRAM SERVICES
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TELEPHONE (408) 630-3088
FACSIMILE (408) 979-5631
www.valleywater.org
scvwdplanroom@valleywater.org

Notification of this Addendum is transmitted via email to all current plan holders.

*This Addendum is posted on the District website at
www.valleywater.org/Programs/Construction.aspx.*

June 7, 2017

ADDENDUM NO. 1
TO CONTRACT DOCUMENTS FOR THE
PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT
Project No. 10394001 Contract No. C0630

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

BID DOCUMENTS

TITLE PAGE

REPLACE the text that reads "Bid Opening: June 21, 2017" with the following text:

"Bid Opening: June 28, 2017"

NOTICE TO BIDDERS

REPLACE Paragraph 1. with:

"1. Notice. Notice is hereby given that sealed Bids will be accepted by the Construction Program of the Santa Clara Valley Water District, Room B108, of the District's Administration Building, 5750 Almaden Expressway, San Jose, California 95118 up to 2 p.m. on **June 28, 2017**, for furnishing all material and performing all work necessary for construction of the Palo Alto Flood Basin Tide Gate Improvements (Project), in the City of Palo Alto, California."

THIS ADDENDUM NO. 1, WHICH CONTAINS 1 PAGE, IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.

A handwritten signature in blue ink that reads "N. Nguyen".

Ngoc Nguyen, P.E.
Interim Deputy Operating Officer
Watershed Design and Construction Division

Date: 06/07/2017



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June 21, 2017

ADDENDUM NO. 2
TO CONTRACT DOCUMENTS FOR THE
PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT
Project No. 10394001 Contract No. C0630

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

BID DOCUMENTS

Notice to Bidders

REPLACE Paragraph 3.A.5. with:

“5. Remove existing **42**” chain link railing and construct a new **54**” chain link railing at each side on deck; and”

REPLACE BID FORM NO. 1 Proposal Form and Bid Items with BID FORM NO. 1 (REV 1) Proposal Form and Bid Items (**ATTACHMENT 1**)

SPECIFICATIONS AND CONTRACT DOCUMENTS

SPECIAL PROVISIONS

SECTION 12. WORK AND CONTRACT TIMES

ARTICLE 12.01. Summary of Work

A.5. REPLACE Paragraph A.5. with:

“5. Remove existing **42**” chain link railing and construct a new **54**” chain link railing at each side on deck”

ADDENDUM NO. 2

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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SECTION 18. PERMITS AND REGULATIONS

ARTICLE 18.13. Payment

A. REPLACE Paragraph A. in its entirety with:

“A. Unless noted otherwise, full compensation for work involved in complying with all requirements under Section 18. shall be considered incidental and included in the contract prices paid for the various items of work involved and no additional time or compensation will be allowed thereof.”

SECTION 19. ENVIRONMENTAL

DELETE ARTICLE 19.01.01. Payment in its entirety.

ARTICLE 19.03. BMP Action Plan

F. ADD the following text to the end of Paragraph F.:

“BMP Action Plan shall be submitted no later than 10 Days after the date of issuance of the NTP.”

DELETE ARTICLE 19.03.01. Payment in its entirety.

ARTICLE 19.07.02. Qualified Biologist

A. REPLACE text “...A Contractor supplied...” with:

“...A District supplied...”

ARTICLE 19.07.07. Submittals

A. REPLACE Paragraph A. in its entirety with:

“A. Article not used.”

DELETE ARTICLE 19.07.08. Payment in its entirety.

ARTICLE 19.12. Payment

A. REPLACE Paragraph A. in its entirety with:

“A. Unless noted otherwise, full compensation for work involved in complying with all requirements under Section 19. shall be considered incidental and included in the contract prices paid for the various items of work involved and no additional time or compensation will be allowed thereof.”

SECTION 21. PAYMENT PROCEDURES

ARTICLE 21.02. Progress Payments and Schedule of Values

B. REPLACE Paragraph B. in its entirety with:

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PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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- “B. This Article includes requirements for the preparation, format, and submission of the Schedule of Values.”
- C. **ADD** new Paragraph C. as follows:
 - “C. Progress payments will not be made until the Schedule of Values has received favorable review by the Engineer.”
- D. **ADD** new Paragraph D. as follows:
 - “D. No progress payment made to the contractor or its sureties will constitute a waiver of the liquidated damage under Article 5.07 of these Specifications.”

ADD new Article 21.02.01. Preparation as follows:

- “A. Prepare preliminary and final Schedule of Values identifying costs of all bid items. For lump sum bid items, include costs of all major components of work under that bid item. No component of lump sum bid items shall have a duration exceeding 15 days except concrete curing, submittal review, equipment fabrication, and deliveries, or a value greater than \$50,000.
- B. Assign prices to major components of lump sum bid items totaling the bid item price. Base prices on costs associated with scheduled activities based on the Progress Schedule for each major component of work. Each bid item and each component of lump sum bid items shall include a directly proportional amount of the Contractor's overhead and profit. The Contractor's overhead and profit shall be completely distributed among all bid items of work, including components of lump sum bid items. Provide additional cost documentation to the Engineer when requested so that values can be verified.
- C. Submit the preliminary Schedule of Values within 10 calendar days from the date of the Notice to Begin Work and revise to incorporate Engineer's comments until a final Schedule of Values is agreed upon.
- D. For all construction change order authorizations, provide change order authorization breakdown to append to the final Schedule of Values items for at least the following components: (a) site work, (b) structure, (c) electrical, (d) mechanical, (e) instrumentation, (f) heating, ventilation, and air conditioning, (g) demolition, (h) submittals, operation and maintenance manuals, and training; and (i) testing and startup. Provide additional cost documentation to the Engineer when requested.
- E. The Contractor shall not change the final approved Schedule of Values without the approval of the Engineer. The Schedule of Values has a one-to-one direct relationship to the list of activities on the Contractor's Progress Schedule. Additions or deletions of activities on the Contractor's Progress Schedule will require an addition or deletion of line item value to the Schedule of Values. The Contractor must submit requested changes to the approved Schedule of Values to the Engineer for approval.
- F. The Contractor shall list and maintain all values for items of equipment that will be submitted for material on-site payment separately on the Schedule of

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Values and on the Progress Schedule. These material items will not be “progressed” as a part of the physical progress assessment.”

ADD new Article 21.02.02. Submittals as follows:

“A. Submit corrected Schedule of Values within 10 days upon receipt of reviewed Schedule of Values comments, but no later than 10 days prior to anticipated submittal of the first Application for Payment.”

ADD new Article 21.02.03. Preliminary Schedule of Values as follows:

“A. Table 21.02.03.A. below is an acceptable form for the preliminary Schedule of Values.

B. The preliminary and final Schedule of Values shall be prepared into a Microsoft Excel format onto 8½-inch by 11-inch paper. Identify the schedule with:

1. District's Name, Project Name and Project No.
2. Name and address of Contractor.
3. Date of submission.”

ADD new Table 21.02.03.A. as follows:

TABLE 20.02.03.A Preliminary Schedule of Values				
Item No.	Approximate Quantities and Units	Description of Item	Unit Price	Total Price
1	1 LS	Mobilization	\$	\$
2	8 EA	Dewatering Cells	\$	\$
3	200 SF	Repair Spalled Concrete (Deck)	\$	\$
4	1,596 SF	Polyester Concrete Overlay	\$	\$
5	200 LF	Epoxy Crack Injection	\$	\$
6	400 SF	Repair Spalled Concrete (Cells)	\$	\$
7	2,100 LBS	Remove Concrete Waste	\$	\$
8	237 LF	Chain Link Railing	\$	\$
9	2 CY	Aggregate Base	\$	\$
10	1 LS	Steel Structures	\$	\$
	GRAND TOTAL			\$
TOTAL AMOUNT OF BID (PRICE IN WORDS)				

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PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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ARTICLE 21.03. Progress Payment Retention

A. REPLACE text “...at ten (10) percent...” with:

“...at five (5) percent...”

ADD new Article 21.04. Cost Summaries as follows:

“A. Prepare a “Summary of Cost Information” on each major item of work listed in the Schedule of Values. Identify the value of work completed for both the payment period and job to date.”

TECHNICAL PROVISIONS

SECTION 25. REPAIR SPALLED CONCRETE (DECK)

ARTICLE 25.03. Submittals

B. ADD new Paragraph B. as follows:

“B. Submit a concrete demolition and placement plan per Section 7.04 of the Standard Provisions. The demolition and placement plan must include:

1. Procedures for isolating and protecting against any concrete debris entering the wetted channel during deck spall repair.
2. Procedures for isolating and protecting against any freshly placed concrete entering the wetted channel during concrete placement activities. For more information, see Bank Stabilization BMPs in SMP Manual Attachment F.”

SECTION 27. EPOXY CRACK INJECTION

ARTICLE 27.09. Field Quality Control

A. DELETE Paragraph A. in its entirety.

SECTION 28. REPAIR SPALLED CONCRETE (CELLS)

ARTICLE 28.03 Submittals

ADD new Paragraph B. as follows:

“B. Submit a concrete demolition and placement plan per Section 7.04 of the Standard Provisions. The demolition and placement plan must include:

1. Procedures for isolating and protecting against any concrete debris entering the wetted channel during cell spall repair.
2. Procedures for isolating and protecting against any freshly placed concrete entering the wetted channel during concrete placement activities. For more information, see Bank Stabilization BMPs in SMP Manual Attachment F.”

ADDENDUM NO. 2

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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SECTION 29. REMOVE CONCRETE WASTE

ARTICLE 29.04. Submittals

ADD new Paragraph D. as follows:

“D. Submit a concrete demolition plan per Section 7.04 of the Standard Provisions. The demolition plan must include:

1. Procedures for isolating and protecting against any concrete debris entering the wetted channel during concrete removal.”

SECTION 31. AGGREGATE BASE

ARTICLE 31.05. Construction

B. **REPLACE** Paragraph B. in its entirety with:

“B. The material shall be placed in layers of uniform thickness with an approved spreader. When a compacted layer is 6 inches or less in thickness is required, the material shall be placed in a single layer. When a compacted layer in excess of 6 inches is required, the material shall be placed in layers of equal thickness. No layer shall be thicker than 6 inches or thinner than 3 inches when compacted. The layers shall be so placed that when compacted they will be true to the grades or levels required with the least possible surface disturbance.”

ADD new Paragraph C. as follows:

“C. Each layer of the aggregate base shall be compacted as specified with approved compaction equipment. The relative compaction of each layer of compacted base material shall not be less than 95 percent per ASTM D 1557. Rolling shall begin at the outside edge of the surface and proceed to the center, overlapping on successive trips at least one half of the roller. Alternate trips of the roller shall be slightly different lengths. Speed of the roller shall be such that displacement of the aggregate does not occur. In all places not accessible to the rollers, the material shall be compacted with hand-operated power tampers.”

SECTION 32. STEEL STRUCTURES

ARTICLE 32.03. Materials

A. **ADD** text to the end of Paragraph:

“and shall be hot-dip galvanized.”

ADDENDUM NO. 2

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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GENERAL QUESTIONS & RESPONSE

Question 1	The permit allows work on the tide gate from September 1 through October 15. Is this for in-water work only? Can the contractor perform the deck work (overlay & railing replacement) outside this window?
Response 1	Yes, the October 15, 2017 milestone is for all in-water work. Deck work can continue after October 15 through Project Completion.
Question 2	What is the allowable equipment weight allowed on the tide gate? Are there restrictions for cranes or equipment with outriggers?
Response 2	The tide gate structure can accommodate an excavator weighing approximately 30,000 lbs to be driven across the structure but not set up. The structure can also accommodate a small 6,000 lb capacity crane weighing approximately 17,000 lbs to be set up on the deck. Crane outriggers should be placed over the concrete walls of the structure.
Question 3	Are there any special locking requirements for the gates shown at each end of the tide gate?
Response 3	There are no special locking requirements for the 6' temporary chain link fences.
Question 4	Will the SMP Biologist be supplied by the District or by the Contractor?
Response 4	See revisions to Article 19.07.02 and 19.07.07 in Addendum 2.
Question 5	Where is a copy of the SMP Manual located?
Response 5	The SMP Manual has been uploaded to the District's Construction Administration website at: http://www.valleywater.org/Programs/Construction.aspx
Question 6	Are there any Buy America requirements for this project?
Response 6	There are no Buy America requirements for this project.
Question 7	Will outside testing agency testing be required on the spall repairs of the structure cells and the structure deck? Specifically, will coring and tension tests be required?
Response 7	No, coring and tension tests will not be required.
Question 8	Will the four inclement weather delays mentioned in Section 12-3 extend the October 15th completion date for the work in the cells if there are indeed four or more inclement weather delays in October?
Response 8	The four inclement weather delays mentioned in Article 12.04 would not extend the October 15 th milestone completion date for all in-water work. October 15 th is

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Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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	the date set by the SMP regulatory permitting agencies. See Article 12.03.C. for extensions past October 15 th .
Question 9	Section 16-3 states that there can be no work on Saturdays or Sundays. If the contractor is willing to pay for inspection costs can weekend work be allowed or is this a requirement do to the public using the park?
Response 9	Per Article 18.02.C., no Work shall be performed on Saturdays or Sundays or on any holiday listed in Article 18.02.D. unless approved in writing by the Engineer.
Question 10	Can the cores taken per Section 27-4 be taken by the contractor or does this coring have to be done by an independent testing lab?
Response 10	In this Addendum No. 2, we have removed the requirement to take core samples of the epoxy injection.
Question 11	Can bidding contractors review a larger size set of as-built of the original structure? The plans in the specifications are almost impossible to read and some other contract drawing of the structure may be helpful.
Response 11	These are the only available as-builts.
Question 12	I cannot seem to pull up Appendix F. but I will try again with some IT help tomorrow. Was Appendix F. (Permits) part of the original bid set specifications?
Response 12	The SMP Permits were a part of the original bid set specifications and can be accessed via the Construction Administration website: http://www.valleywater.org/Programs/Construction.aspx
Question 13	There may be a typo on Bid Item No. 7. Is the quantity supposed to be 21,000 lbs?
Response 13	The quantity is 2,100 lbs and has been updated in ATTACHMENT 1 of this Addendum No. 2.
Question 14	Will any repairs needed from the removal of "overpoured concrete adhered to bottom slab" mentioned under Section 29-1 be paid for under the bid items, or paid as an "extra work change order", or will those repairs be considered "incidental" to the project?
Response 14	No repairs are expected, however if any repairs are required they will be paid using the unit cost values for concrete repair.

ADDENDUM NO. 2

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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THIS ADDENDUM NO. 2, WHICH CONTAINS 9 PAGES AND 1 ATTACHMENT, IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.



Date:

6/21/2017

Ngoc Nguyen, P.E.

Interim Deputy Operating Officer
Watersheds Design and Construction Division

Enclosure:

ATTACHMENT 1: BID FORM NO. 1 (REV 1) Proposal Form and Bid Items

ADDENDUM NO. 2

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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ATTACHMENT 1:

BID FORM NO. 1 (REV 1) Proposal Form and Bid Items

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*This form must be completed in **ink** and changes must be **initialled**.*

Honorable Board of Directors
Santa Clara Valley Water District (District)

Pursuant to, and in compliance with, the Notice to Bidders and the Contract Documents, relating to the **PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT**, the undersigned Bidder having become thoroughly familiar with the terms and conditions of the Contract Documents and with local conditions affecting the performance and costs of the Work and having fully inspected the Work site in all particulars, hereby proposes and agrees to fully perform the Work, including providing any and all labor and materials and performing all Work required to construct and complete said Work within the contract time stated and in accordance with the requirements of the Contract Documents, for the following sum of money.

The undersigned Bidder agrees to complete all the Work within **120** calendar days from the first chargeable day of the Contract, as stated in the Notice to Begin Work. The Bidder agrees to enter into a Contract with the District and provide the required bonds and insurance in accordance with the Instructions to Bidders, Contract Bonds, paragraph #21 and Execution of Contract, paragraph #22. If the Bidder fails to meet these requirements within the time specified in the Instruction to Bidders, Failure to Execute Contract, paragraph #23, the Bidder's security accompanying this Proposal may be forfeited and become the property of the District. No Contract exists until all Contract bonds and insurance documents have been accepted by the District.

TOTAL BID: \$ _____

Bidder acknowledges receipt of the following Addenda to the Bid Documents:
Addenda are posted online at www.valleywater.org/Programs/Construction.aspx.

NO Addenda received

Addenda received as follows:

Addendum No. _____ Date _____

Failure to acknowledge receipt of an Addendum on the Bid Form is not, in itself, cause for withdrawal or rejection of Bid, if it can be established that Bidder did, in fact, receive such Addendum prior to Bid opening.

The undersigned Bidder has read and, understands, and will comply with, each and all of the requirements specified in these Bid Documents. This Proposal must be signed by an authorized representative of the Bidder with the authority to bind the Bidder.

BIDDER'S COMPANY INFORMATION	
NAME:	ADDRESS:
CONTRACTOR'S CALIFORNIA LICENSE	
NUMBER:	
DATE OF EXPIRATION:	
LICENSE CLASSIFICATION(S):	
PHONE NO.: ()	FAX NO.: ()
EMAIL ADDRESS:	

SIGNATURE BLOCK (Signature Block must be completed in ink and changes must be initialled .)	
Bidder's Signature:	Date:
Bidder's Name and Title (Print):	



*This form must be completed in **ink** and changes must be **initialled**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
1	Mobilization	Lump Sum Lump Sum		
2	Dewatering cells	8 Each		
3	Repair spalled concrete (deck)	200 Square Feet		
4	Polyester concrete overlay	1,596 Square Feet		
5	Epoxy crack injection	200 Linear Feet		
6	Repair spalled concrete (cells)	400 Square Feet		
7	Remove concrete waste	2,100 LBS		
8	Chain link railing	237 Linear Feet		
9	Aggregate base	2 Cubic Yards		



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ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
10	Steel structures	Lump Sum Lump Sum		
11	Compliance with SMP Permits NOT USED			
TOTAL BID				



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June 23, 2017

ADDENDUM NO. 3
TO CONTRACT DOCUMENTS FOR THE
PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT
Project No. 10394001 Contract No. C0630

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

BID DOCUMENTS

REPLACE BID FORM NO. 1 (REV 1) Proposal Form and Bid Items with BID FORM NO. 1 (REV 2) Proposal Form and Bid Items (**ATTACHMENT 1**)

SPECIFICATIONS AND CONTRACT DOCUMENTS

TABLE OF CONTENTS

REPLACE title of **SECTION 32. STEEL STRUCTURES** with:

“SECTION 32. METAL STRUCTURES”

TECHNICAL PROVISIONS

REPLACE SECTION 32. STEEL STRUCTURES in its entirety with revised SECTION 32. METAL STRUCTURES (**ATTACHMENT 2**)

DRAWINGS

Sheet S-13:

REPLACE Sheet S-13 with revised Sheet S-13 (**ATTACHMENT 3**)

Sheet S-14:

REPLACE Sheet S-14 with revised Sheet S-14 (**ATTACHMENT 3**)

ADDENDUM NO. 3

Santa Clara Valley Water District

PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT

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Page 1 of 2

Sheet S-15:

REPLACE Sheet S-15 with revised Sheet S-15 (ATTACHMENT 3)

GENERAL QUESTIONS & RESPONSE

Question 15	Our steel fabricators are concerned that the galvanizing of the new steel bulkheads quite possibly will warp the structure out of its specified tolerances. They suggest either powder coating or stainless steel. I don't think powder coating would hold up. Any chance of changing the requirements to stainless steel?
Response 15	Please see revisions to drawings S-13 thru S-15 as well as revisions to Specification SECTION 32. METAL STRUCTURES in this Addendum No. 3.

THIS ADDENDUM NO. 3, WHICH CONTAINS 2 PAGES AND 3 ATTACHMENTS, IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.



Ngoc Nguyen, P.E.
Interim Deputy Operating Officer
Watersheds Design and Construction Division

Date: 6/23/2017

Enclosure:

ATTACHMENT 1: BID FORM NO. 1 (REV 2) Proposal Form and Bid Items

ATTACHMENT 2: Revised SECTION 32. METAL STRUCTURES

ATTACHMENT 3: Revised Drawing Sheets: S-13, S-14, and S-15

**PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE
IMPROVEMENTS PROJECT**

ADDENDUM NO. 3

ATTACHMENT 1:

BID FORM NO. 1 (REV 2) Proposal Form and Bid Items

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Honorable Board of Directors
Santa Clara Valley Water District (District)

Pursuant to, and in compliance with, the Notice to Bidders and the Contract Documents, relating to the **PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE IMPROVEMENTS PROJECT**, the undersigned Bidder having become thoroughly familiar with the terms and conditions of the Contract Documents and with local conditions affecting the performance and costs of the Work and having fully inspected the Work site in all particulars, hereby proposes and agrees to fully perform the Work, including providing any and all labor and materials and performing all Work required to construct and complete said Work within the contract time stated and in accordance with the requirements of the Contract Documents, for the following sum of money.

The undersigned Bidder agrees to complete all the Work within **120** calendar days from the first chargeable day of the Contract, as stated in the Notice to Begin Work. The Bidder agrees to enter into a Contract with the District and provide the required bonds and insurance in accordance with the Instructions to Bidders, Contract Bonds, paragraph #21 and Execution of Contract, paragraph #22. If the Bidder fails to meet these requirements within the time specified in the Instruction to Bidders, Failure to Execute Contract, paragraph #23, the Bidder's security accompanying this Proposal may be forfeited and become the property of the District. No Contract exists until all Contract bonds and insurance documents have been accepted by the District.

TOTAL BID: \$ _____

Bidder acknowledges receipt of the following Addenda to the Bid Documents:
Addenda are posted online at www.valleywater.org/Programs/Construction.aspx.

NO Addenda received

Addenda received as follows:

Addendum No. _____ Date _____

Failure to acknowledge receipt of an Addendum on the Bid Form is not, in itself, cause for withdrawal or rejection of Bid, if it can be established that Bidder did, in fact, receive such Addendum prior to Bid opening.

The undersigned Bidder has read and, understands, and will comply with, each and all of the requirements specified in these Bid Documents. This Proposal must be signed by an authorized representative of the Bidder with the authority to bind the Bidder.

BIDDER'S COMPANY INFORMATION	
NAME:	ADDRESS:
CONTRACTOR'S CALIFORNIA LICENSE	
NUMBER:	
DATE OF EXPIRATION:	
LICENSE CLASSIFICATION(S):	
PHONE NO.: ()	FAX NO.: ()
EMAIL ADDRESS:	

SIGNATURE BLOCK (Signature Block must be completed in ink and changes must be initialled .)	
Bidder's Signature:	Date:
Bidder's Name and Title (Print):	



*This form must be completed in **ink** and changes must be **initialled**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
1	Mobilization	Lump Sum Lump Sum		
2	Dewatering cells	8 Each		
3	Repair spalled concrete (deck)	200 Square Feet		
4	Polyester concrete overlay	1,596 Square Feet		
5	Epoxy crack injection	200 Linear Feet		
6	Repair spalled concrete (cells)	400 Square Feet		
7	Remove concrete waste	2,100 LBS		
8	Chain link railing	237 Linear Feet		
9	Aggregate base	2 Cubic Yards		



*This form must be completed in **ink** and changes must be **initialled**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE	UNIT PRICE	TOTAL
		QUANTITY UNIT		
10	Metal Structures	Lump Sum Lump Sum		
TOTAL BID				

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**PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE
IMPROVEMENTS PROJECT**

ADDENDUM NO. 3

**ATTACHMENT 2:
Revised SECTION 32. METAL STRUCTURES**

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SECTION 32: METAL STRUCTURES

32.01. Metal Structures

- A. This section includes specifications for furnishing and installing metal items.

32.02. Scope of Work

- A. The Contractor shall provide two new bulkheads as shown on the Drawings.
- B. The Contractor shall modify the two existing steel bulkheads as shown on the Drawings.
- C. The Contractor shall retrofit the 8 cells on the bay side of the tide gate with angles as shown on the Drawings, to provide support for the metal bulkheads.

32.03. Materials

- A. The new bulkheads shall be fabricated from either of the following materials:
 - 1. Stainless steel type 304 meeting the requirements of ASTM A304.
 - 2. Aluminum meeting the requirements of ASTM B209.
- B. The angles connected to the concrete walls shall be aluminum.
- C. The threaded rods and lifting lugs shall be 316 stainless steel.

32.04. Shop Drawings

- A. Submit shop drawings in accordance with Section 7.04, for the new bulkheads and for the retrofitted bulkheads.

32.05. Quality Control

- A. Welding must be per the American Welding Society codes as follows:
 - 1. Welding of stainless steel per AWS D1.6
 - 2. Welding of aluminum per AWS D1.2

32.06. Tolerances

- A. Field placement of aluminum angles shall be +/- 1/16" vertical (looking at the concrete wall) and be perpendicular to the concrete wall within 1/16".
- B. Distance between aluminum angles: + 1/16", - 0"
- C. Shop fabrication of the new bulkheads:
 - 1. Shall lay flat after all fabrication is complete
 - 2. The thickness of the bulkhead along the 6'-2" dimension: +/- 1/16"

32.07. Payment

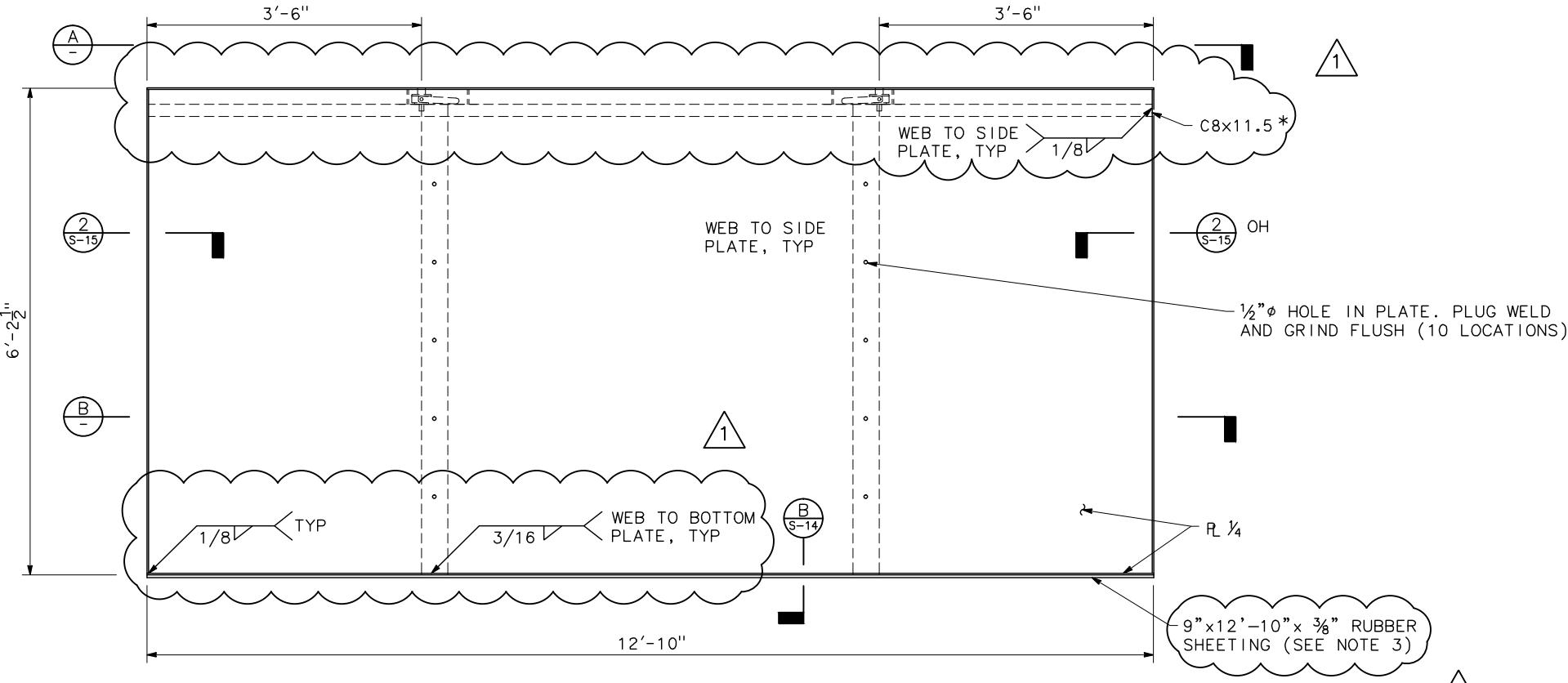
- A. Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work required for providing two new bulkheads, providing modifications for the two existing steel bulkheads, and providing and installing the angles in each of the cells as shown on the Drawings, as specified in these Technical Provisions, and as directed by the Engineer, shall be included in the lump sum price bid for METAL STRUCTURES, Bid Item No. 10.

**PALO ALTO FLOOD BASIN TIDE GATE STRUCTURE
IMPROVEMENTS PROJECT**

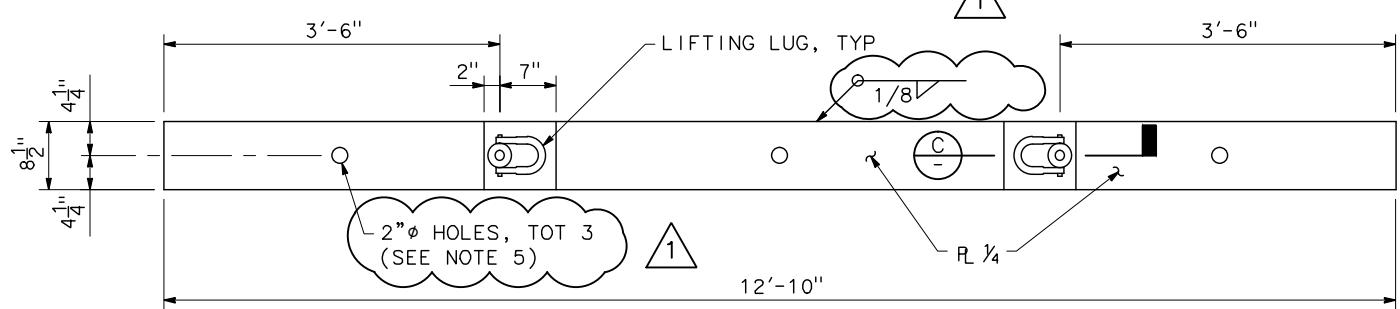
ADDENDUM NO. 3

**ATTACHMENT 3:
Revised Drawing Sheets
S-13, S-14, and S-15**

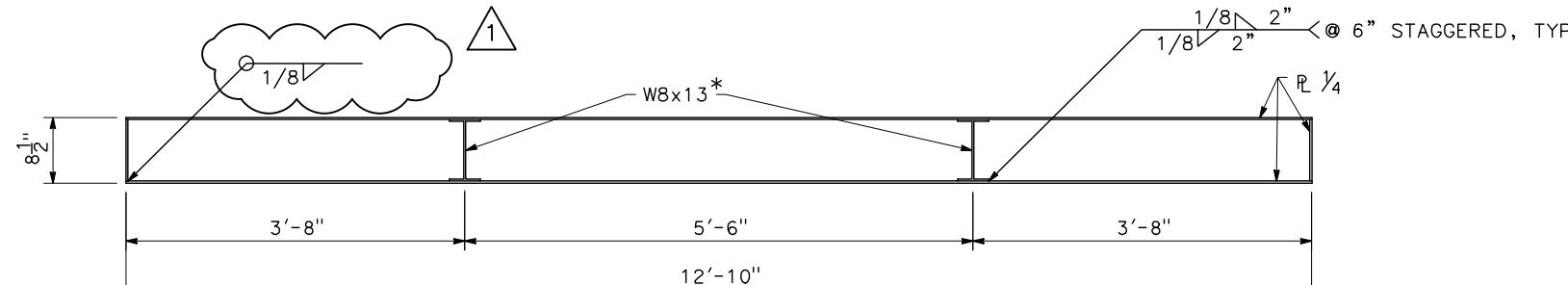
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PLAN



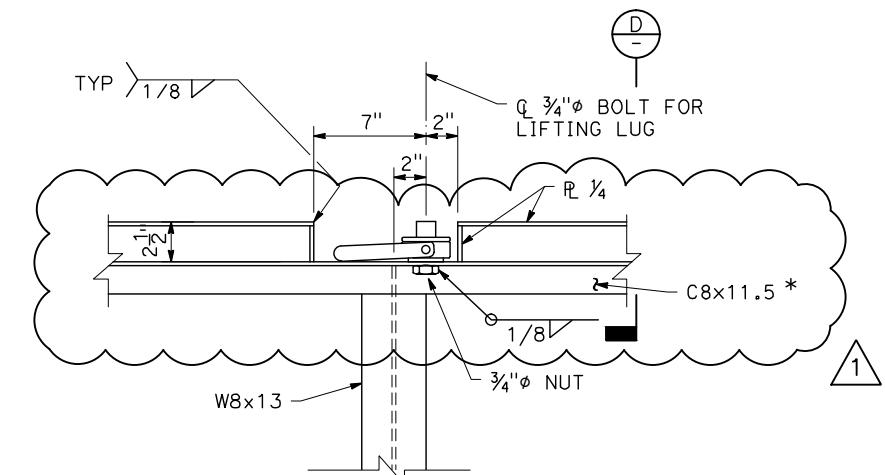
A TOP VIEW



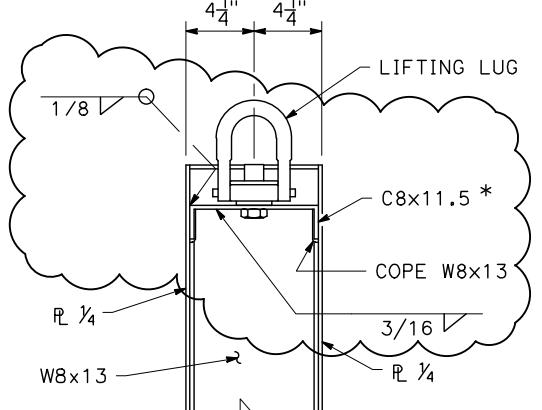
B SECTION

NOTES:

1. ALL MATERIAL SHALL BE EITHER ALUMINUM OR STAINLESS STEEL. STRUCTURAL SHAPES CAN BE FABRICATED OUT OF PLATE.
2. FABRICATE 2 BULKHEADS AS SHOWN.
3. RUBBER SHEETING SHALL BE ATTACHED WITH 1/4"Ø STAINLESS STEEL RIVETS WITH 5/8"Ø (MIN) WASHER AT 12" O.C.
4. LIFTING LUGS SHALL BE CROSBY STAINLESS STEEL NO. 1065048 WITH 3500# LIFTING CAPACITY, OR EQUAL
5. CUT 2"Ø HOLES IN TOP AND BOTTOM PLATE, AND C8x11.5



C DETAIL

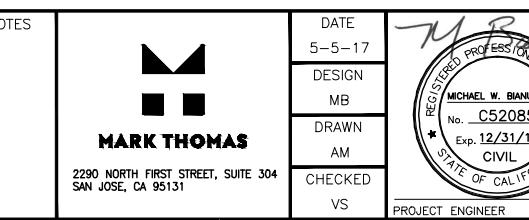


D DETAIL

* NOTE: THE WEIGHT OF STRUCTURAL SHAPES ARE FOR STEEL.
ALUMINUM SHAPES WILL WEIGHT LESS PER FOOT.

REV	DESCRIPTION	DATE	APPR	REFERENCE INFORMATION AND NOTES
1	BULKHEAD CHANGES	6/17	MB	

DATE	5-5-17
DESIGN	MB
DRAWN	AM
CHECKED	VS
PROJECT ENGINEER	5/17/17



SAID HOSSEINI, P.E.

5-17-2017

Santa Clara Valley Water District

ACCEPTED BY DISTRICT

PROJECT NAME AND SHEET DESCRIPTION:
**PALO ALTO FLOOD BASIN
TIDE GATE STRUCTURE
IMPROVEMENTS PROJECT**
New Steel Bulkheads

SCALE AS SHOWN	PROJECT NUMBER
0	10394001
1"	S-13

VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT DRAWN ON
SCALES ACCORDINGLY

PAGE NUMBER:
17 OF 20

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