



**SUBMITTAL TO THE BOARD OF DIRECTORS
RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
13.1
(ID # 3373)

FROM : REGIONAL PARK & OPEN SPACE DISTRICT:

MEETING DATE:
Tuesday, January 24, 2017

SUBJECT: REGIONAL PARK & OPEN SPACE DISTRICT: Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California – Approve Contract Documents and Award of Contract; CEQA Exempt; District 3; [District CIP Fund 33100 \$ 182,796]

RECOMMENDED MOTION: That the Board of Directors:

1. Find that the Project is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Sections 15302(c), Replacement and 15061(b)(3);
2. Approve the Contract Documents, including the plans and specifications and the general conditions for the Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California and the Project;
3. Approve Addendum No. 1 to bid documents issued prior the October 5, 2016 bid opening; and
4. Accept the low bid submitted by Premier Tank Inc. of Norwalk California in the amount of \$182,796;
5. Award the contract to Premier Tank Inc. and authorize the Chairman of the Board of Directors for the District to execute the contract documents; and
6. Direct the Clerk of the Board to file the Notice of Exemption with the County Clerk within five working days of approval of the project by this Board.

ACTION: Policy

Scott Sangle, Director/General Manager / Park Director 1/11/2017

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 182,796	\$0	\$182,796	\$0
NET COUNTY COST	\$0	\$0	\$0	\$0
SOURCE OF FUNDS: District CIP Fund 33100			Budget Adjustment:	No
			For Fiscal Year:	

C.E.O. RECOMMENDATION: [CEO use]

MINUTES OF THE BOARD OF DIRECTORS

On motion of Director Ashley, seconded by Director Jeffries and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Washington and Ashley
Nays: None
Absent: Tavaglione
Date: January 24, 2017
xc: Parks, Recorder

Kecia Harper-Ihem
 Clerk of the Board
 By:
 Deputy

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

BACKGROUND:

Summary

The McCall and Lawler facilities are dependent upon well water to provide potable use. Each facility has a water well and a tank storage delivery system. In recent months both facilities have undergone well upgrades. McCall received a new well and Lawler a new pumping system. Although the tanks at both facilities are in excess of 40 years in age, initial inspections indicated that the tanks could provide an additional 5 years of service. When the tanks were brought back on line after the completion of the well upgrades, both developed significant leaks. Re-inspection of the tanks determined the lining deterioration was more significant than originally observed and replacement of the storage tanks is necessary to maintain operation of the current water systems at the sites.

On September 22, 2016 the District, handled through the Riverside County Purchasing Department, advertised for bids the Two Water Tank Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California. The project, when complete, will replace two aging water tanks at the District's McCall Park and Lawler Lodge facilities with like size new potable water tanks having earthquake stabilization upgrades. The project was advertised through the County Purchasing web-site as well as three (3) public plan rooms. These plan rooms include: Bid America Online Plan Room, Associated General Contractors of America San Diego Chapter, and Southern California Builders Association. One addendum was issued on August 30, 2016 and answered questions submitted from the potential bidders to provide a revised bid form sheet. Bidders were required to acknowledge and take into account issued addendum on their Bid in order to be considered for award.

A mandatory pre-bid conference was held on September 28, 2016. Four tank, drilling and pump contractors attended the meeting. During the meeting the tank locations and facilities were toured, two contractors submitted bids on October 06, 2016.

The Regional Park and Open-Space District staff have reviewed the bids. The low bid was submitted by Premier Tank Inc., Norwalk California in the base bid amount of \$182,796. The bid from Premier Tank Inc. was found to be responsive; therefore, it is recommended that the District Board award the Contract to Premier Tank, Inc. for the work in the base bid. The contractor is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents, which meet the requirements of the Contract.

The Construction Contract with exhibits has been reviewed and approved as to form by County Counsel.

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

Impact on Citizens and Businesses

The replacement of these tanks will provide the park users a safe dependable water system. The tanks are anticipated to provide storage capacity for the next 25 -35 years.

CEQA Compliance:

The water tank replacement is defined as a project under State CEQA guidelines. Pursuant to the California Environmental Quality Act (CEQA), the Project was reviewed and determined to be categorically exempt from CEQA under State CEQA Guidelines Section 15302©, Class 2 - Replacement and Section 15061(b)(3). The water tanks replacement work to be made at the existing McCall Park and Lawler Lodge is the replacement of an existing utility system, two existing water tanks, involving no or negligible expansion beyond that existing at this time. The new water tanks will be substantially the same size, purpose and capacity. In addition, it can be seen with certainty that there is no possibility that the activity in question will have a significant effect on the environment. The Notice of Exemption will be posted at the County Clerk's office upon approval by this Board of the project.

Contract History and Price Reasonableness

Two bids were received on October 6, 2016. One for \$249,375.00 and the second for \$182,796. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsive bid was submitted by Premier Tank Inc., in the base bid amount of \$182,796. Further analysis of the project and discussion with industry professionals by District staff has determined that the cost of the project is within industry standards.

Attachments:

Construction Contract

Notice of Exemption


Gregory V. Priamos, Director County Counsel

1/11/2017


Alex Gann

1/17/2017

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: (Public Agency): Riverside County Regional Park
Open Space District

4600 Crestmore Road, Jurupa Valley CA 92509

County Clerk
County of: Riverside
4080 Lemon Street
Riverside CA 92501

Original Negative Declaration/Notice of
Determination was routed to County Clerk for posting on.

1/27/17

kb

Date

Initial

Project Title: Two Replacement Water Tanks & Related Improvements; McCall Park and Lawler Lodge

Project Applicant: Riverside County Regional Park and Open-Space District

Project Location - Specific:

McCall Park: 28500 McCall Park Rd., Mountain Ctr. CA: Lawler Lodge: 19751 Hwy. 243, Idyllwild, CA

Project Location - City: Mountain Ctr./Idyllwild

Project Location - County: Riverside

Description of Nature, Purpose and Beneficiaries of Project:

Replacement of aging water tanks at two separate facilities. The work will remain within the existing gravel footprint of the existing tanks. The tank replacement will provide new water tanks compliant with current code with the addition of earthquake stabilization rings.

Name of Public Agency Approving Project: Riverside County Regional Park and Open-Space District

Name of Person or Agency Carrying Out Project: Same As Above

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Section 15302(c) Replacement (Utility)
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

The project is solely a tank replacement project. It entails the removal existing tanks and replacement with like size, configuration and location. The new tanks will be compliant with current code and installed with earthquake stabilization. The project was reviewed under CEQA and determined to be exempt under Section 15302 "Replacement /Reconstruction" "Sub-section 'c' Utilities"

Lead Agency

Contact Person: Marc Brewer

Area Code/Telephone/Extension: 951-955-4316

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: [Signature]

Date: 10-18-16

Title: Sr. Park Planner

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

JAN 24 2017 13.10

BOYDD, April

From: Craw, Donald <DCraw@RIVCO.ORG>
Sent: Tuesday, January 10, 2017 2:02 PM
To: BOYDD, April; Gann, Alex; Ponce, Kathleen
Subject: Minute Traq Action Items 2934 and 3373 (Mountain Parks Water Tank Replacements)

MT # 2934 was continued / tabled at a previous meeting (Dec 13). A duplicate item (MT#3373) was created since changes needed to be made and approvals needed to be granted.

MT# 3373 is now in review and should be good to go for the Jan 24 Board Agenda.

Let me know if there is anything further required for this to proceed.

Thanks

Don Craw

CONTRACTS ANALYST



RivCoParks (Riverside County Regional Park and Open-Space District)
4600 Crestmore Road, Jurupa Valley, CA 92509 | (951) 955-1395 | FAX: (951) 955-4305
dcraw@rivcoparks.org | www.RivCoParks.org
Follow RivCoParks: [Facebook](#) | [Twitter](#) | [Upcoming Events](#)

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County of Riverside California



**SUBMITTAL TO THE BOARD OF DIRECTORS
RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
(ID # 2934)

MEETING DATE:
Tuesday, January 10, 2017

FROM : REGIONAL PARK & OPEN SPACE DISTRICT:

SUBJECT: REGIONAL PARK & OPEN SPACE DISTRICT: Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California – Approve Contract Documents and Award of Contract; CEQA Exempt; District 3; [District CIP Fund 33100 \$ 182,796] (Department Request Continuance to January 24, 2017)

RECOMMENDED MOTION: That the Board of Directors:

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ACTION: Policy

Scott Banglo, Director/General Manager / Park Director 11/3/2016

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SOURCE OF FUNDS: District CIP Fund 33100			Budget Adjustment:	No
			For Fiscal Year:	

C.E.O. RECOMMENDATION:

MINUTES OF THE BOARD OF DIRECTORS

13.1 D

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

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work in the base bid. The contractor is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents, which meet the requirements of the Contract.

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Attachments:

Construction Contract

MINUTES OF THE BOARD OF DIRECTORS
RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



13-1

On motion of Director Ashley, seconded by Director Jeffries and duly carried by unanimous vote, IT WAS ORDERED that the recommendation from Regional Park & Open Space District regarding Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California – Approve Contract Documents and Award of Contract; CEQA Exempt; District 3, is continued to Tuesday, January 24, 2017 at 9:00 a.m.

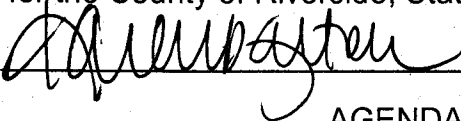
Roll Call:

Ayes: Jeffries, Tavaglione, Washington and Ashley
Nays: None
Absent: None

I hereby certify that the foregoing is a full true, and correct copy of an order made and entered on January 17, 2017 of Supervisors Minutes.

WITNESS my hand and the seal of the Board of Supervisors
Dated: January 17, 2017
Kecia Harper-Ihem, Clerk of the Board of Supervisors, in
and for the County of Riverside, State of California.

(seal)

By:  Deputy

AGENDA NO.
13-1

xc: Parks, COB

**CONSTRUCTION AGREEMENT
FOR THE
TWO WATER TANK REPLACEMENT AND RELATED IMPROVEMENTS
MCCALL PARK and LAWLER LODGE**

This Construction Contract is entered into at Riverside, California on JANUARY 24, 2017, and is between the **Riverside County Regional Park and Open-Space District**, a special district, thereafter called "**DISTRICT**" and **Premier Tank Inc.**, a California Corporation, hereinafter called "**CONTRACTOR**".

1. **CONTRACTOR** has submitted to **COUNTY** its bid for the "**TWO WATER TANKS REPLACEMENT AND RELATED IMPROVEMENTS PROJECT, MCCALL PARK, MOUNTAIN CENTER AND LAWLER LODGE, IDYLLWILD, CALIFORNIA**" hereafter called "Project," and all appurtenant work in strict accordance with the Contract Documents identified below and **DISTRICT** has accepted said bid.

2. **CONTRACTOR** has re-examined and carefully studied its bid and found it to be correct; ascertained that its subcontractors are properly licensed and possess the requisite skill and forces and will enter into agreements containing contractual terms identical to those of this Agreement; examined the site and fully understands all of the Contract Documents; and can do the work in accordance with the Contract Documents for the price set forth in its bid.

3. **CONTRACT DOCUMENTS:** The entire contract consists of the following:

- a. This Construction Contract;
- b. The Notice Inviting Bids, Instructions to Bidders, Bid Form, Bid Bond, Payment Bond, and Performance Bond for the Two Water Tanks Replacement and Related Improvements for McCall Park and Lawler Lodge;
- c. All applicable county, state and federal requirements for the project;
- d. The General Provisions; plans and drawings; and any addenda issued for the project;
- e. Any change orders issued for the project;
- f. Any additional or supplemental specifications or drawings issued for the project; and
- g. Meeting minutes and any other documents contained in the Project Manual.

The above listed documents are by this reference incorporated herein with like effect as if here set forth in full. Upon the proper issuance of other documents they shall likewise be deemed incorporated.

4. **THE SCOPE OF WORK:** The Contractor agrees to furnish all labor, materials, parts, equipment, tools, supervision, services, transportation, waste disposal, facilities and other required items and **CONTRACTOR** shall do all things necessary to accomplish and complete the work described in and in strict accordance with all of the Contract Documents. **CONTRACTOR** shall commence after receipt of the Notices to Proceed at the time and date specified by the **DISTRICT**.

5. **TIME FOR COMPLETION:** The work shall be commenced on a date to be specified in a written order from the **DISTRICT** and shall be completed within one hundred twenty (120) days following the date specified in **DISTRICT**'s written order.

6. Compensation: DISTRICT agrees to pay and the CONTRACTOR agrees to accept in full consideration for the performance of all the work and will be paid the following total amount in the manner set forth in the Contract Documents:

\$182,796.00
(In Figures)

ONE HUNDRED EIGHTY-TWO THOUSAND, SEVEN HUNDRED NINETY-SIX DOLLARS and NO CENTS
(In Words)

Pursuant to Labor Code Section 1861, the Contractor gives the following certification: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of work of this contract."

BASE BID

Provide base bid scope in accordance with the Contract Documents for the Project for the lump sum price indicated below:

BASE BID: TWO WATER TANK REPLACEMENT AND RELATED IMPROVEMENTS PROJECT, MCCALL PARK, MOUNTAIN CENTER AND LAWLER LODGE, IDYLLWILD CALIFORNIA

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2+Line 3)	5%	----	----	\$ 8,705.00
MCCALL PARK TANK:					
2a	Demolition & Salvage of Existing Tank and Associated Equipment (Specs Section 02050)	L.S.	1	----	\$ 8,142.00
2b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$ 13,593.00
2c	Install <u>One 30,000 gallon Welded Steel Tank or Two 15,000 gallon Welded Steel Tanks (Circle One)</u> for Potable Water Storage- Complete System. (Specs Section 13311)	L.S.	1	----	\$ 53,644.00
2d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	----	\$ 20,326.00
2e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	----	\$ 3,864.00
2	Sub-Total for MCCALL PARK TANK (Items 2a +2b +2c +2d +2e)				\$ 99,569.00
LAWLER LODGE PARK :					

3a	Demolition & Salvage of Existing Tank and Associated Equipment (Specs Section 02050)	L.S.	1	---	\$ 8,142.00
3b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	---	\$ 10,970.00
3c	Install 14' Diameter, 12,000 gallon Welded Steel Tanks for Potable Water Storage- Complete System. (Specs Section 13311)	L.S.	1	---	\$ 37,927.00
3d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	---	\$ 13,619.00
3e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	---	\$ 3,864.00
3	Sub-Total for LAWLER LODGE PARK (Items 3a +3b +3c +3d +3e)				\$ 74,522.00
BASE BID TOTAL (Lines 1+2+3)					\$ 182,796.00

ALTERNATE BID SCHEDULE

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1[Alt]	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2[Alt]+Line 3[Alt])	5%	---	---	\$ 7,785.00
MCCALL PARK TANK:					
2b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	---	\$ 3,404.00
2[Alt]	Sub-Total for MCCALL PARK TANK (Item 2b[Alt] + Base Bid Items 2a+2c+2d+2e)				\$ 89,380.00
LAWLER LODGE PARK :					
3b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	---	\$ 2,714.00
3[Alt]	Sub-Total for LAWLER LODGE PARK (Item 3b[Alt] + Base Bid Items 3a+3c+3d+3e)				\$ 66,266.00
ALTERNATE BID TOTAL (Lines 1[Alt] + 2[Alt] + 3[Alt])					\$ 163,431.00


NOTE: Lowest responsive/responsible bidder will be based on the Grand Total Bid amount. Once lowest responsive/responsible bidder is determined and approved, DISTRICT will determine which, if any, additive alternate will be accepted and included in the Agreement.

SIGNATURES NEXT PAGE

The parties have executed this agreement as of the date set forth on Page 1 of this Construction Contract.

CONTRACTOR:

COMPANY NAME: Premier Tank Inc., A California corporation, Norwalk, CA
BY: Premier Tank Inc.


NAME:  Print Name: Ed Kocina
TITLE: President/Owner


OWNER:

Riverside County
Regional Park and
Open-Space District

APPROVED AS TO FORM:

Gregory P. Priamos
County Counsel

By: 
Kevin Jeffries
Chairman; Board of Directors

By: 
Synthia M. Gunzel
Deputy County Counsel

DATE: JAN 24 2017

DATE: 1-11-17

ATTEST:
CLERK OF THE BOARD
KECIA HARPER-IHEM

By: 
Deputy

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
PUBLIC WORKS (Projects Over \$25,000)**

Bid Submission Address:
Riverside County Regional parks and Open Spaces
4600 Crestmore Road
Riverside, CA 92509
Telephone: (951) 955-4726
Return bid to address above:

Request for Bids # PKARC-222

Bid Issue Date: 09/21/2016
Job Walk Date: 09/28/2016
Bid Closing Date: 10/06//2016
on or before 1:30 P.M. Pacific Time

**PUBLIC WORKS
NOTICE INVITING BIDS**

1. The **COUNTY OF RIVERSIDE**, herein called County, invites sealed bids for: Replacement of Two (2) each Water tanks.

The Contractor shall furnish all labor, materials, parts, equipment, tools, supervision, transportation, facilities and other required items necessary to supply and install two (2) each new water tanks in strict accordance with the fifty-one (51) page specifications, drawings and pictures packet prepared by NI Associates, (noted as "Exhibit A"), and all of the Contract Documents.

- 1) SITE: **McCall Equestrian Park**
28500 McCall park Road
Mountain Center, CA 92561
- 2) SITE: **Lawler Lodge**
19751 Hwy 243
Idyllwild, CA 92549

ESTIMATED PROJECT COST: \$ 40,000 - \$50,000

2. **CONTRACT DOCUMENTS** - Each bid shall be in accordance with all of the Contract Documents.
- a. **DRAWINGS:** The following specifications and drawings will **NOT be distributed** at the mandatory bidder's conference. The fifty-one (51) specifications, drawings and pictures packet is made available on Purchasing's website free of charge: www.purchasing.co.riverside.ca.us (noted as "Exhibit A" as separate documents).
 - b. **GENERAL CONDITIONS:** The General Conditions applicable to the work are included in this RFB as Attachment B. available on Purchasing's website free of charge: www.purchasing.co.riverside.ca.us
 - c. **PURCHASING WEBSITE:** Addenda, registration and other information related to the RFB are available at www.purchasing.co.riverside.ca.us
3. **LICENSE REQUIRED** - The following license(s) is required for this project: **A General Engineering and or C-57 Well Drilling**
4. Any contact with County personnel regarding this procurement, other than the Buyer II identified in this RFB, may result in disqualification of your bid.
5. **TIMELINES** -

1. Release of Request for Bids:	Date: September 22, 2016
2. Mandatory Bidder Conference: Attendees more than five minutes late will not be allowed to attend. Bids will not be accepted from bidders that did not attend the mandatory bidder conference.	Date: September 28, 2016 Time: 8:00 a.m. McCall Park Time: 8:45 a.m. Lawler Lodge Location: Meet at the Parking area of McCall Park Cell#: 951-970-6960 Michael Munoz, Buyer II
3. Deadline For Submission Of Questions: Email: (mbmunoz@rivcoparks.org) (E-mail preferred) or Fax: 951-955-4795 It is the responsibility of the bidder to confirm transmission of correspondence.	Date: September 29, 2016 Time: No later than 3:00 p.m. Must be in the form of an Email

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
PUBLIC WORKS (Projects Over \$25,000)**

Bid Submission Address:

Riverside County Regional parks and Open Spaces
4600 Crestmore Road
Riverside, CA 92509
Telephone: (951) 955-4726

Return bid to address above:

Request for Bids # PKARC-222

Bid Issue Date: 09/21/2016
Job Walk Date: 09/28/2016
Bid Closing Date: 10/06/2016
on or before 1:30 P.M. Pacific Time

4. Deadline For Bids:

Date: October 06, 2016 on or before 1:30 PM Pacific time

6. **BID SUBMITTAL** - All bids must be submitted on the Bid Forms (pages 4 through 10), including the Bid Bond, (2pages), pages 11, and 12. The bid shall be delivered (no e-mail delivery) to Riverside County Parks and Open Space District at the address stated below on or before 1:30 p.m. on the closing date. The RFB number, title, and closing date and time shall appear on both the envelope and the bid cover sheet. Under no circumstances will a bid be accepted after the closing date and time.

BIDS SHALL BE DELIVERED TO:

**Riverside County parks and Open Space District
4600 Crestmore Road
Riverside, CA 92509
Attention: Michael Munoz**

7. **UNIFORM PUBLIC CONSTRUCTION COST ACCOUNTING ACT** - The County has adopted the Uniform Public Construction Cost Accounting Act (Public Contract Code Section 22000 et seq.) pursuant to County Ordinance No. 757. The County through its Purchasing Agent may bid and award a contract pursuant to the procedures stated in the Act. The Purchasing Agent's current maximum authority under the Act is \$175,000 for a single contract. All applicable public works requirements still apply.

8. **PREVAILING WAGES AND LABOR CODE REQUIREMENTS** –

This is a public works project subject to compliance monitoring and enforcement by the California Department of Industrial Relations. The awarded bidder shall comply with all applicable provisions of the California State Labor Code regarding prevailing wages, Department of Industrial Relations Division of Apprenticeship Standards Labor and other requirements, including but not limited to Labor Code Sections 1771.4, 1773.1, 1774, 1775 and 1776.

County Purchasing and Fleet Services has obtained the most recent determination of general prevailing rates of per diem wages applicable to the work, and for holiday and overtime work, including employer payments for health and welfare, pension, vacation, and similar purposes; and this will be made available to any bidder upon request. This information can also be obtained at the California State Department of Industrial Relations, 464 West Fourth St., San Bernardino.

The awarded bidder shall post job site notices as prescribed by regulation. Contractor or subcontractor shall furnish records specified in Labor Code Section 1776 to the Labor Commissioner.

Pursuant to Labor Code Section 1771.1, any contractor submitting a bid, or subcontractor listed on the Bid Form, must be currently registered with the Department of Industrial Relations and qualified to perform public work pursuant to Labor Code Section 1725.5. No contractor or subcontractor will be awarded without proof of current D.I.R. registration.

9. The awarded bidder must hold the required California license, in good standing with the Contractor State License Board, at the time of submitting its bid and continuously thereafter until project completion. A subcontractor may possess the required license only if allowed by applicable law. Licensure statements are made under penalty of perjury.

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
PUBLIC WORKS (Projects Over \$25,000)**

Bid Submission Address:

Riverside County Regional parks and Open Spaces
4600 Crestmore Road
Riverside, CA 92509
Telephone: (951) 955-4726

Return bid to address above:

Request for Bids # PKARC-222

Bid Issue Date: 09/21/2016
Job Walk Date: 09/28/2016
Bid Closing Date: 10/06//2016
on or before 1:30 P.M. Pacific Time

-
- 10.** The awarded bidder will be required to furnish performance and payment bonds and insurance documents in accordance with the requirements stated in this RFB.

COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
PUBLIC WORKS (Projects Over \$25,000)

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INSTRUCTIONS TO BIDDERS

1. **CONTRACTOR REGISTRATION** – The awarded bidder shall register all of its current information with the County's online database at www.purchasing.co.riverside.ca.us, including W-9 and IRS 147C forms; or update its information if already registered. It is suggested that all bidders register in the County database so their information will be available for future consideration.
2. **PRICES/NOTATIONS** - All prices/notations must be typewritten or written in ink. No erasures permitted. Mistakes shall be crossed out, corrections made adjacent and initialed by person signing document. Each item shall be bid separately. All signatures must be by an authorized representative of bidder.
3. **PRICING/TERMS/TAX** - All pricing shall be bid F.O.B. destination, including applicable tax, permits, and licenses. The County pays California sales tax and is exempt from Federal excise tax. The Contractor shall pay all taxes related to the work. In the event of an extension error, the unit price shall prevail.
4. **ADDENDA TO RFB** - The County reserves the right to issue such addenda to the RFB as it may desire at any time prior to the time for receiving bids. The number and date of each addendum shall be listed on each bid in the space provided.
5. **COUNTY RESERVATION OF RIGHTS** - The County reserves the right to reject any or all bids, to waive any discrepancy, technicality or informalities in a bid or in the bidding process, and to make the award in any manner determined by the County to be most advantageous to the County.
6. **WITHDRAWAL OF BID** - A bid may be withdrawn only prior to the bid closing date and time. No bidder may withdraw or modify its bid for a period of sixty (60) calendar days after the bid closing date.
7. **INTERPRETATION OF THE BID DOCUMENTS** - Discrepancies in and omissions from any of the Contract Documents, questions as to their meaning or uncertainties that might cause disputes, shall immediately be brought to the attention of the County by the bidder. Any interpretation of the terms of the Contract Documents will be made only by written addenda issued by the County and available at www.purchasing.co.riverside.ca.us. The County will not be responsible for any other explanations or interpretations.
8. **ADDITIONAL INFORMATION** – Prior to award, the County reserves the right to require additional information from a bidder, including but not limited to information regarding the bidder's financial responsibility or other information the County determines is necessary to ascertain whether the bid is in fact the lowest responsible and responsive bid submitted
9. **AWARD OF CONTRACT** - The bid shall be awarded upon issuance of a County purchase order, which shall include the Contract Documents by reference or attachment.

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BID FORM
Page 1 of 5

The bidder, having carefully examined the proposed site and all of the Contract Documents, proposes and agrees to furnish all tools, equipment, services, apparatus, facilities, transportation, labor and materials necessary to complete the project as outlined in this RFB in strict conformity with all of the Contract Documents.

The bidder acknowledges receipt of the following addenda:

Addendum No. 1 Date: Aug 30, 2014
Addendum No. Date:
Addendum No. Date:

BID SUMMARY

Addendum included Revised Bid Form

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2+Line 3)	5%	----	----	\$
MCCALL PARK TANK:					
2a	Demolition & Salvage of Existing Tank and Associated Equipment (Specs Section 02050)	L.S.	1	----	\$
2b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$
2c	Install <u>20' Diameter, 30,000 gallon</u> Welded Steel Tanks for Potable Water Storage, Complete with (Specs Section 13311)	L.S.	1	----	\$
2d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	----	\$
2e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	----	\$
2	Sub-Total for MCCALL PARK TANK (Items 2a +2b +2c +2d +2e)				\$
LAWLER LODGE PARK :					
3a	Demolition & Salvage of Existing Tank and Associated Equipment	L.S.	1	----	\$

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	(Specs Section 02050)				
3b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$
3c	Install 14' Diameter, 12,000 gallon Welded Steel Tanks for Potable Water Storage, Complete with (Specs Section 13311)	L.S.	1	----	\$
3d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	----	\$
3e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	----	\$
3	Sub-Total for LAWLER LODGE PARK (Items 3a +3b +3c +3d +3e)				\$
<p align="center">BASE BID – Award is based on totals of lines 1, 2, and 3. The undersigned agrees to perform all work required for this project for the sum of: TOTAL (Lines 1+2+3)</p>					\$

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
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ALTERNATE BID SCHEDULE

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1[Alt]	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2[Alt]+Line 3[Alt])	5%	----	----	\$
MCCALL PARK TANK:					
2b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$
2[Alt]	Sub-Total for MCCALL PARK TANK (Item 2b[Alt] + Base Bid Items 2a+2c+2d+2e)				\$
LAWLER LODGE PARK :					
3b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$
3[Alt]	Sub-Total for LAWLER LODGE PARK (Item 3b[Alt] + Base Bid Items 3a+3c+3d+3e)				\$
ALTERNATE BID TOTAL (Lines 1[Alt] + 2[Alt] + 3[Alt])					\$

These prices include all applicable taxes, permits, licenses, insurance and bond costs, and all other costs incidental or related to the work.

The following percentage information must also be provided for the Base Bid (though it will not be used in awarding the contract):

Labor: _____% Materials: _____% Other: _____% All three must total 100%.

PAYMENT TERMS

Check one:

_____ Lump sum payment at project completion

_____ Progress payments (as stated in General Conditions)

If prompt payment discount offered (for example, 1% Net 15) please describe: _____

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LIQUIDATED DAMAGES - It is agreed that time is of the essence for completion of this work. Therefore, the parties agree the awarded bidder (Contractor) shall pay to the County, as fixed and liquidated damages, and not as penalty, a dollar sum in the amount of **\$0.00** per day for each calendar day beyond the allowed time stated in the Contract Documents after which the work is completed.

TIME FOR COMPLETION - The work shall be commenced on a date to be specified in a written order from the County and shall be completed within **60 Days** following the date specified in County's written order.

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
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BID FORM

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AWARD OF CONTRACT

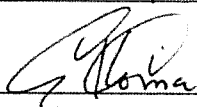
The bidder understands that a contract is formed upon the acceptance of its bid by the County. The bidder agrees it will promptly execute and deliver to County the Agreement together with the required Payment and Performance Bonds and insurance documents.

BID GUARANTEE

The enclosed certified or cashier's check or bid bond on the provided form, made payable to the County in the amount of ten percent (10%) of the total bid, is hereby given as a guarantee that the bidder will execute and deliver the Agreement and required bonds if awarded the contract. In the event that the bidder fails or refuses to execute and deliver said documents, such check or bond is to be charged with the costs of the damages experienced by the County as a result of such failure or refusal.

Name of Bidder: Premier Tank, Inc.

Type of Organization: General Contractor

Signature: 

Name and Title: Edward Kocina, President

Address of Bidder: 14625 Domart Ave, Norwalk, CA 90650

Telephone No.: 310-729-8854 Email: ed.premiertankinc@gmail.com

Contractor's License No.: 715448 Classification: A-C60 Expires: 11/2017

DIR Registration No.: 1000026356

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BID FORM

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TO BE SUBMITTED WITH BID
NON-COLLUSION DECLARATION
(Public Contract Code Section 7106)

The undersigned declares:

I am the President of Premier Tank, Inc., the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted its bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on 5th October, 2016 [date], at Norwalk [city], CA [State].



[Signature of Declarant]

Edward Kocina

[Printed Name of Person Signing]

Premier Tank, Inc

[Name of Bidder]

President

[Office or Title]

**COUNTY OF RIVERSIDE PURCHASING AND FLEET SERVICES
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BID BOND

Page 1 of 2

(Public Work – Public Contract Code Section 20129 (a))

WHEREAS, The undersigned Premier Ink, LLC ("Principal") is herewith submitting to the County of Riverside ("County") a Bid dated Oct 5, 2016 2016, in the amount of One Hundred Eighty Two Thousand Seven Hundred (\$ 182,796⁰⁰) ^{Surety \$14} for the award by County to Principal of a contract ("Contract") for the following: Supply and Install two (2) each NEW water tanks.

WHEREAS, Principal is obligated as a condition of said Bid to submit security pursuant to Public Contract Code Section 20129 (a) in the amount of ten percent (10%) of the Bid Amount, which security may be in the form of a Bid Bond issued by an admitted surety insurer pursuant to Code of Civil Procedure Section 995.120 ("Admitted Surety");

NOW THEREFORE, the Principal and Western Surety Co ("Surety"), an Admitted Surety, are held and firmly bound unto the County in the penal sum of Ten Percent of Bid Amount (\$10% of Bid Amount) for the payment of which sum in lawful money of the United States, well and truly to be made, we, Principal and Surety, bind ourselves, our executors, administrators, successors, heirs and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that if Principal is awarded the Contract upon such Bid and thereafter within the period of time specified in County's bidding documents governing the bidding process applicable to such Bid ("Bidding Documents") enters into the Contract with County on the terms and conditions required by the Bidding Documents and furnishes the performance and payment bonds, evidence of insurance and other documents that Principal is required to submit under the terms of the Bidding Documents, then this obligation shall be null and void; otherwise, it shall remain in full force and effect and the sum guaranteed by this bond shall, at the option of County, be forfeited to County to pay all losses and damages suffered by County as a result thereof and permitted by applicable law, including, without limitation, the difference between the Bid Amount and amount for which the County may legally contract with another party to perform the Work (if such latter amount be greater than the Bid Amount), costs of publication, and all other losses and damages suffered by County (including, without limitation, those associated with delay to the Project); provided, however, that Surety's liability shall not exceed the penal amount of this bond.

Surety, for value received, hereby agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Bidding Documents, or to the work to be performed thereunder, nor any withdrawal of the Bid in a manner not permitted by the requirements of the Bidding Documents shall in any way impair or affect Surety's obligation under this bond, and Surety does hereby waive notice of any such changes, extensions of time, alterations or additions.

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BID BOND
Page 2 of 2

In the event any legal proceeding or arbitration is brought upon this bond by County and judgment or award is entered in favor of County as the prevailing party, Surety shall pay all costs and attorney's fees incurred by the County.

IN WITNESS WHEREOF the undersigned parties have executed this instrument under their several seals this 6th day of October, 2016, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Premier Tank, Inc.
(Firm Name – Principal)
4625 Domart Ave.
Norwalk, CA 90650
(Business Address)
By *[Signature]*
(Original Signature)
President
(Title)

Affix Seal if Corporation



WESTERN SURETY COMPANY
(Corporation Name – Surety)
333 S. Wabash Ave., 41st Floor
Chicago, IL 60604
(Business Address)
By *[Signature]*
(Original Signature)
ATTORNEY-IN-FACT

Affix Corporate Seal



Note: Notary acknowledgment for Surety's signature and Surety's Power of Attorney must be included or attached

Western Surety Company

POWER OF ATTORNEY - CERTIFIED COPY

Bond No. 71834713

Know All Men By These Presents, that WESTERN SURETY COMPANY, a corporation duly organized and existing under the laws of the State of South Dakota, and having its principal office in Sioux Falls, South Dakota (the "Company"), does by these presents make, constitute and appoint MICHAEL PAUL FUSCO

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred, to execute, acknowledge and deliver for and on its behalf as Surety, bonds for:

Principal: Premier Tank, Inc.

Obligee: County of Riverside

Amount: \$500,000.00

and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the Senior Vice President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said attorney(s)-in-fact may do within the above stated limitations. Said appointment is made under and by authority of the following bylaw of Western Surety Company which remains in full force and effect.

"Section 7. All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

All authority hereby conferred shall expire and terminate, without notice, unless used before midnight of January 6, 2017, but until such time shall be irrevocable and in full force and effect.

In witness whereof Western Surety Company has caused these presents to be signed by its Vice President, Paul T. Bruflat, and its corporate seal to be affixed this 6th day of October, 2016.

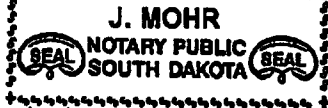


WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

On this 6th day of October, in the year 2016, before me, a notary public, personally appeared Paul T. Bruflat, who being to me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of WESTERN SURETY COMPANY and acknowledged said instrument to be the voluntary act and deed of said corporation.



J. Mohr

Notary Public - South Dakota

My Commission Expires June 23, 2021

I the undersigned officer of Western Surety Company, a stock corporation of the State of South Dakota, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable, and furthermore, that Section 7 of the bylaws of the Company as set forth in the Power of Attorney is now in force.

In testimony whereof, I have hereunto set my hand and seal of Western Surety Company this 6th day of October, 2016.

WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

To validate bond authenticity, go to www.cnasurety.com > Owner/Obligee Services > Validate Bond Coverage.

California All-Purpose Certificate of Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of LOS ANGELES

s.s.

On OCTOBER 6, 2016 before me, YVETTE CARREON, NOTARY PUBLIC


personally appeared EDWARD KOCINA

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.





Yvette Carreon
Notary Public - California

OPTIONAL INFORMATION

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of BID BOND

containing 22 pages, and dated 10/06/2016

The signer(s) capacity or authority is/are as:

- Individual(s)
 Attorney-in-fact
 Corporate Officer(s) PRESIDENT

- Guardian/Conservator
 Partner - Limited/General
 Trustee(s)
 Other: _____

representing: _____

Method of Signer Identification

Proved to me on the basis of satisfactory evidence
 form(s) of identification credible witness(es)

Notarial event is detailed in notary journal on:

Page # _____ Entry # _____

Notary contact: _____

Other

Additional Signer Signer(s) Thumbprints(s)

**RIVERSIDE COUNTY REGIONAL PARKS AND OPEN SPACES DISTRICT
PUBLIC WORKS (Projects Over \$25,000)**

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PAYMENT BOND

BOND No. 71845020

Page 1 of 2

(Public Work - Civil Code Sections 9550 et seq.)

WHEREAS, the Riverside County Regional Park and Open Space District ("District") on _____, 2016, has awarded Construction Contract Number: **BID # PKARC-222** ("Contract") to the undersigned Premier Tank, Inc., as Principal ("Principal") to perform the work ("Work") for the following project: Supply and Install two (2) each NEW water tanks.

WHEREAS, said Principal is required by the Contract and/or by Division 3, Part IV, Title XV, Chapter 7 (commencing at Section 9550) of the California Civil Code to furnish a payment bond in connection with the Contract;

NOW THEREFORE, we, the Principal and WESTERN SURETY COMPANY ("Surety"), an admitted surety insurer pursuant to Code of Civil Procedure, Section 995.120, are held and firmly bound unto County in the penal sum of One Hundred Eighty Two Thousand Seven Hundred Ninety Six and no/100 Dollars (\$182,796.00), this amount being not less than one hundred percent (100%) of the total sum payable by District under the Contract at the time the Contract is awarded by County to the Principal, lawful money of the United States of America, for the payment of which sum well and truly to be made, we, Principal and Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if Principal, its heirs, executors, administrators, successors, or assigns approved by District, or its subcontractors, of any contracting tier, shall fail to pay any person or persons named in California Civil Code, Section 9554, then Surety will pay for the same, in or to an amount not exceeding the penal amount hereinabove set forth, and also will pay to the prevailing party if suit is brought upon this bond, reasonable attorney's fees as provided in California Civil Code, Section 9564.

Surety, for value received, agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the Work to be performed thereunder, nor any rescission or attempted rescission of the Contract or this bond, nor any conditions precedent or subsequent in the bond or Contract attempting to limit the right of recovery of any claimant otherwise entitled to recover under the Contract or this bond shall in any way impair or affect Surety's obligation under this bond, and Surety does hereby waive notice of any such changes, extensions of time, alterations or additions.

**RIVERSIDE COUNTY REGIONAL PARKS AND OPEN SPACES DISTRICT
PUBLIC WORKS (Projects Over \$25,000)**

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PAYMENT BOND
Page 2 of 2

Surety is not released from liability to those for whose benefit this bond has been given, by reason of any breach of the Contract by District or Principal.

Surety's obligations hereunder are independent of the obligations of any other surety for the performance of the Contract, and suit may be brought against Surety and such other sureties, joint and severally, or against any one or more of them or against less than all of them, without impairing District's rights against the others.

Premier Tank, Inc.
(Firm Name – Principal)
14625 Domart Ave.
Norwalk, CA 90650
(Business Address)
By *[Signature]*
(Original Signature)
President
(Title)

Affix Seal if Corporation



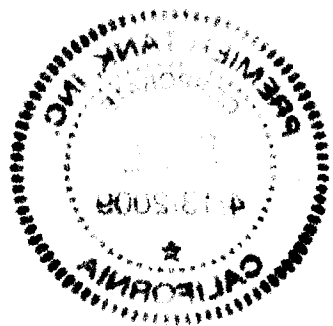
WESTERN SURETY COMPANY
(Corporation Name – Surety)
333 S. Wabash Ave., 41st Floor
Chicago, IL 60604
(Business Address)
By *[Signature]*
(Signature – Attached Notary's Acknowledgment)

Affix Corporate Seal



MICHAEL PAUL FUSCO
ATTORNEY-IN-FACT
(Title-Attach Power of Attorney)

Note: Notary acknowledgment of signatures of Bidder and Surety, and Surety's Power of Attorney, must be included or attached.



CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

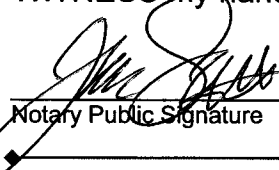
County of San Diego }

On 12/22/16 before me, James W. Smith, Notary Public
(Here insert name and title of the officer)

personally appeared MICHAEL FUSCO,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

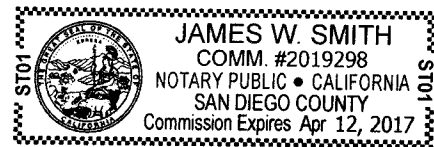
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
- Corporate Officer
- _____ (Title)
- Partner(s)
- Attorney-in-Fact
- Trustee(s)
- Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

**RIVERSIDE COUNTY REGIONAL PARKS AND OPEN SPACES DISTRICT
PUBLIC WORKS (Projects Over \$25,000)**

Bid Submission Address:

Riverside County Regional Park and Open Space District
4600 Crestmore Road
Riverside, CA 92509
Telephone: (951) 955-4726

Return bid to address above:

Request for Bids # PKARC-222

Bid Issue Date: 09/21/2016
Job Walk Date: 09/28/2016
Bid Closing Date: 10/06/2016
on or before 1:30 P.M. Pacific Time

PERFORMANCE BOND

BOND No. 71845020

Page 1 of 3

(Public Work -- Public Contract Code Section 20129 (b))

WHEREAS, the Riverside County Regional Park and Open Space District ("District") on _____, 2016, has awarded Construction Contract Number: **BID# PKARC-222** ("Contract") to the undersigned _____ Premier Tank, Inc., as Principal ("Principal") to perform the work ("Work") for the following project; Supply and Install two (2) each New water tanks, which Contract is by this reference hereby incorporated herein and made a part hereof;

WHEREAS, said Principal is required by the Contract and/or by California Public Contract Code, Section 20129 (b) to furnish a performance bond for the faithful performance of the Contract;

NOW THEREFORE, we, the Principal and WESTERN SURETY COMPANY ("Surety"), an admitted surety insurer pursuant to Code of Civil Procedure, Section 995.120, are held and firmly bound unto County in the penal sum of One Hundred Eighty Two Thousand Seven Hundred Ninety Six and no/100 Dollars (\$ 182,796.00), this amount being not less than one hundred percent (100%) of the total sum payable by District under the Contract at the time the Contract is awarded by District to the Principal, lawful money of the United States of America, for the payment of which sum well and truly to be made, we, Principal and Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if Principal, its heirs, executors, administrators, successors or assigns approved by District, shall in all things stand to and abide by and well and truly keep and perform all the undertakings, terms, covenants, conditions and agreements in the Contract, including, without limitation, all obligations during the original term and any extensions thereof as may be granted by District, with or without notice to Surety thereof (including, without limitation, the obligation for Principal to pay liquidated damages), all obligations during the period of any warranties and guarantees required under the Contract and all other obligations otherwise arising under the terms of the Contract (such as, but not limited to, obligations of indemnification), all within the time and in the manner therein designated in all respects according to their true intent and meaning, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

**RIVERSIDE COUNTY REGIONAL PARKS AND OPEN SPACES DISTRICT
PUBLIC WORKS (Projects Over \$25,000)**

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PERFORMANCE BOND

Page 2 of 3

Whenever Principal shall be, and is declared by District to be, in default under the Contract, the Surety shall promptly either remedy the default, or, if the Contract is terminated by District or the Principal's performance of the Work is discontinued, Surety shall promptly complete the Contract through its agents or independent contractors, subject to acceptance of such agents or independent contractors by District as hereinafter set forth, in accordance with its terms and conditions and to pay and perform all obligations of Principal under the Contract (including, without limitation, all obligations with respect to payment of liquidated damages) less the "Balance of the Contract Price" (as hereinafter defined); subject to the penal amount of this bond as set forth above. The term "Balance of the Contract Price," as used in this paragraph, shall mean the total amount payable to Principal by District under the Contract and any modifications thereto, less the amount previously paid by District to the Principal and less amounts that District is authorized to withhold under the terms of the Contract.

If District determines that completion of the Contract by Surety or its agents or independent contractors must be performed by a lowest responsible bidder selected pursuant to a competitive bidding process, then Surety shall comply with such processes in accordance with the requirements of District and applicable laws. Unless otherwise approved by District, in the exercise of its sole and absolute discretion, Surety shall not utilize Principal in completing performance of the Work.

No right of action shall accrue on this bond to or for the use of any person or entity other than District or its successors or assigns.

In the event any legal proceeding or arbitration is brought upon this bond by County and judgment or award is entered in favor of District as the prevailing party, Surety shall pay all costs and attorney's fees incurred by the District.

Correspondence or claims relating to this bond shall be sent to Surety at the address set forth below.

Surety, for value received, agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed thereunder, shall in any way impair or affect Surety's obligation under this bond, and Surety does hereby waive notice of any such changes, extensions of time, alterations or additions.

Surety's obligations hereunder are independent of the obligations of any other surety for the performance of the Contract, and suit may be brought against Surety and such other sureties, joint and severally, or against any one or more of them or against less than all of them, without impairing District's rights against the others.

RIVERSIDE COUNTY REGIONAL PARKS AND OPEN SPACES DISTRICT
PUBLIC WORKS (Projects Over \$25,000)

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PERFORMANCE BOND

Page 3 of 3

Premier Tank, Inc.
(Firm Name – Principal)

14625 Domart Ave.
Norwalk, CA 90650

(Business Address)

By [Signature]
(Original Signature)

President
(Title)

Affix Seal if Corporation



WESTERN SURETY COMPANY
(Corporation Name – Surety)

333 S. Wabash Ave., 41st Floor
Chicago, IL 60604

(Business Address)

By [Signature]
(Signature – Attached/Notary's Acknowledgment)

MICHAEL PAUL FUSCO
ATTORNEY-IN-FACT
(Title-Attach Power of Attorney)

Affix Corporate Seal



Note: Notary acknowledgment of signatures of Bidder and Surety, and Surety's Power of Attorney, must be included or attached.

Western Surety Company

POWER OF ATTORNEY - CERTIFIED COPY

Bond No. 71845020

Know All Men By These Presents, that WESTERN SURETY COMPANY, a corporation duly organized and existing under the laws of the State of South Dakota, and having its principal office in Sioux Falls, South Dakota (the "Company"), does by these presents make, constitute and appoint Michael Paul Fusco

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred, to execute, acknowledge and deliver for and on its behalf as Surety, bonds for:

Principal: Premier Tank, Inc.

Obligee: Riverside County Regional Park and Open Space Dist.

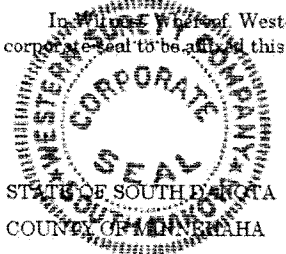
Amount: \$1,000,000.00

and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the Senior Vice President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said attorney(s)-in-fact may do within the above stated limitations. Said appointment is made under and by authority of the following bylaw of Western Surety Company which remains in full force and effect.

"Section 7. All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

All authority hereby conferred shall expire and terminate, without notice, unless used before midnight of May 15, 2017, but until such time shall be irrevocable and in full force and effect.

In Witness Whereof Western Surety Company has caused these presents to be signed by its Vice President, Paul T. Bruflat, and its corporate seal to be affixed this 9th day of November, 2016

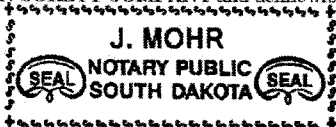


WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

On this 9th day of November, in the year 2016, before me, a notary public, personally appeared Paul T. Bruflat, who being to me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of WESTERN SURETY COMPANY and acknowledged said instrument to be the voluntary act and deed of said corporation.



J. Mohr

Notary Public - South Dakota

My Commission Expires June 23, 2021

I the undersigned officer of Western Surety Company, a stock corporation of the State of South Dakota, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable, and furthermore, that Section 7 of the bylaws of the Company as set forth in the Power of Attorney is now in force.

In testimony whereof, I have hereunto set my hand and seal of Western Surety Company this 9th day of November, 2016

WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

To validate bond authenticity, go to www.cnasurety.com > Owner/Obligee Services > Validate Bond Coverage.

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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State of California }

County of San Diego }

On 12/22/16 before me, James W. Smith, Notary Public
(Here insert name and title of the officer)

personally appeared MICHAEL FUSCO,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

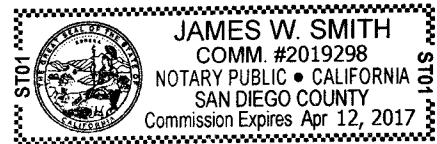
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
- Corporate Officer
- _____ (Title)
- Partner(s)
- Attorney-in-Fact
- Trustee(s)
- Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

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- Securely attach this document to the signed document with a staple.

Western Surety Company

POWER OF ATTORNEY - CERTIFIED COPY

Bond No. 71845020

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its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred, to execute, acknowledge and deliver for and on its behalf as Surety, bonds for:

Principal: Premier Tank, Inc.

Obligee: Riverside County Regional Park and Open Space Dist.

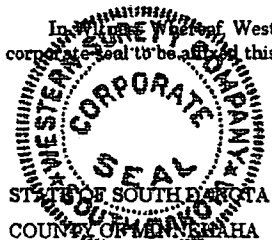
Amount: \$1,000,000.00

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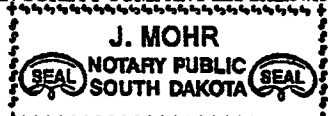
In witness whereof Western Surety Company has caused these presents to be signed by its Vice President, Paul T. Bruffat, and its corporate seal to be affixed this 9th day of November, 2016.



WESTERN SURETY COMPANY

Paul T. Bruffat
Paul T. Bruffat, Vice President

On this 9th day of November, in the year 2016, before me, a notary public, personally appeared Paul T. Bruffat, who being to me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of WESTERN SURETY COMPANY and acknowledged said instrument to be the voluntary act and deed of said corporation.



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Notary Public - South Dakota

My Commission Expires June 23, 2021

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WESTERN SURETY COMPANY

Paul T. Bruffat
Paul T. Bruffat, Vice President

To validate bond authenticity, go to www.cnasurety.com > Owner/Obligee Services > Validate Bond Coverage.

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk
County of: Riverside
4080 Lemon Street
Riverside CA 92501

From: (Public Agency): Riverside County Regional Park
Open Space District

4600 Crestmore Road, Jurupa Valley CA 92509

(Address)

Project Title: Two Replacement Water Tanks & Related Improvements; McCall Park and Lawler Lodge

Project Applicant: Riverside County Regional Park and Open-Space District

Project Location - Specific:

McCall Park: 28500 McCall Park Rd., Mountain Ctr. CA: Lawler Lodge: 19751 Hwy. 243, Idyllwild, CA

Project Location - City: Mountain Ctr./Idyllwild Project Location - County: Riverside

Description of Nature, Purpose and Beneficiaries of Project:

Replacement of aging water tanks at two separate facilities. The work will remain within the existing gravel footprint of the existing tanks. The tank replacement will provide new water tanks compliant with current code with the addition of earthquake stabilization rings.

Name of Public Agency Approving Project: Riverside County Regional Park and Open-Space District

Name of Person or Agency Carrying Out Project: Same As Above

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Section 15302(c) Replacement (Utility)
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

The project is solely a tank replacement project. It entails the removal existing tanks and replacement with like size, configuration and location. The new tanks will be compliant with current code and installed with earthquake stabilization. The project was reviewed under CEQA and determined to be exempt under Section 15302 "Replacement /Reconstruction" "Sub-section 'c' Utilities"

Lead Agency
Contact Person: Marc Brewer Area Code/Telephone/Extension: 951-955-4316

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: _____ Date: 10-18-16 Title: Sr. Park Planner

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

SPECIFICATIONS
FOR THE
REPLACEMENT OF TWO POTABLE WATER TANKS

McCALL EQUESTRIAN PARK
LAWLER LODGE PARK
San Jacinto Mountains, California

Riverside County Park
And Open Space District
Jurupa Valley, California

September 2016

Prepared by:



Expires on 12/31/2016



***NI* Associates**

**REPLACEMENT OF TWO POTABLE WATER TANKS
AT McCALL EQUESTRIAN PARK AND LAWLER LODGE**

TABLE OF CONTENTS

BID SCHEDULE

TECHNICAL SPECIFICATIONS:

SECTION 01381: PRE-CONSTRUCTION AUDIO VIDEO RECORDING

SECTION 02050: DEMOLITION & SALVAGE

SECTION 02205: TANK SITE PREPARATION & BASE RING CONSTRUCTION

SECTION 09873: INTERIOR COATING, DISINFECTION & EXTERIOR PAINTING

SECTION 13311: WELDED STEEL TANKS FOR WATER STORAGE

SECTION 25130: SURFACE APPURTENANCES

MAPS:

SITE MAP – McCALL EQUESTRIAN PARK

SITE MAP – LAWLER LODGE PARK

PHOTOS:

EXISTING TANK – McCALL EQUESTRIAN PARK

EXISTING TANK – LAWLER LODGE PARK

**REPLACEMENT OF TWO POTABLE WATER TANKS
AT McCALL EQUESTRIAN PARK AND LAWLER LODGE
ADD TO COUNTY TECHNICAL SPECS (SPECIAL PROVISIONS) DIVISION 1**

GENERAL SCOPE OF WORK

The Riverside County Park and Open Space District (referred to hereinafter as the "District") wishes to replace two existing metal tanks at the two public parks identified in these specifications. Size of proposed tanks are identified in the bid schedule

Work includes the furnishing of all materials, labor, equipment, fuel, tools, transportation, and services for drilling, construction, development, yield testing, pump testing and completion of the new well, as described in the Technical Specifications.

All materials shall meet NSF 61 standards.

DEFINITIONS

"Engineer" refers to the person authorized by the District to oversee the execution of the contract, acting either directly or through his properly authorized agents, each agent acting only within the scope of authority delegated to him.

"Lining" refers to protective materials used or applied to interior surfaces. "Paint" refers to protective materials used or applied on exterior surfaces. "Coating" refers to protective materials used or applied on interior or exterior surfaces, or any protective material in general.

END OF ADDITIONAL SPECIAL PROVISIONS

TECHNICAL SPECIFICATIONS

SECTION 01381 PRE-CONSTRUCTION AUDIO VIDEO RECORDING ABOVE GROUND FACILITIES

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. Furnish all labor, materials and equipment to furnish color audio video recording of the project site as specified herein.
- B. Furnish to the DISTRICT an original and one copy of a continuous color audio video recording of the entire area within fifty (50) feet of the construction area. The recording shall be taken prior to any construction activity.
- C. The DISTRICT reserves the right to reject the audio video recording because of poor quality, unintelligible audio, or uncontrolled pan or zoom. Any recording rejected by the DISTRICT shall be rerecorded at no cost to the DISTRICT. Under no circumstances shall construction begin until the DISTRICT has received and accepted the audio video DVD(s).
- D. The audio video recording firm shall submit three letters of recommendation from municipalities, and/or engineering firms indicating previous experience and ability to perform the work described in this contract. Data substantiating qualifications must be submitted and accepted prior to performing the survey.

PART 2 - PRODUCTS

(NONE THIS SECTION)

PART 3 - EXECUTION

3.1 COLOR AUDIO VIDEO SURVEY

- A. Furnish a continuous color audio-video recording of the entire area within fifty (50) feet of construction.

- B. Complete coverage shall include all surface features within 50' of the work area to be utilized by CONTRACTOR and shall be supported by appropriate audio description made simultaneously with video coverage. Such coverage shall include, but not be limited to, all existing driveways, sidewalks, curbs, ditches, roadways, landscaping, trees, culverts, headwalls, and retaining walls, equipment, structures, pavements, manholes, vaults, handrails, etc. located within the aforementioned work zone. Video coverage shall extend to the maximum height of all structures within this zone.
- C. All recording shall be done during times of good visibility. No recording shall be done during periods of visible precipitation, or when more than ten percent of the ground area is covered with standing water, unless otherwise authorized by Owner.

3.2 AUDIO AND VIDEO

- A. Contractor shall furnish continuous color, audio-video DVD(s) of professional quality.
- B. Each DVD shall begin with the Owner's name, Contract name and number, CONTRACTOR's name, date and location information such as street name, direction of travel, viewing side, etc.
- C. Information appearing on the DVD must be continuous and run simultaneously by computer generated transparent digital information. No editing or overlaying of information at a later date will be acceptable.
- D. Digital information to appear in the upper left corner shall be as follows:
 - 1. Name of CONTRACTOR
 - 2. Day, date and time
 - 3. Name of Project & Specification Number
- E. Time must be accurate and continuously generated.
- F. Written documentation must coincide with the information on the DVD so as to make easy retrieval of locations sought for at a later date.
- G. The video system shall have the capability to transfer individual frames of video electronically into hard copy prints or photographic negatives.
- H. Audio shall be recorded at the same time as the video recording and shall have the same information as on the viewing screen. Special commentary shall be given for unusual conditions of buildings, sidewalks and curbing, foundations, trees and shrubbery, structures, equipment, pavement, etc.
- I. All DVDs and boxes shall bear labels with the following information:

1. DVD Number
 2. Owner's Name
 3. Date of Recording
 4. Project Name and Number
 5. Location and Standing Limit of DVD
- J. Prior to commencement of audio video recording, CONTRACTOR shall notify the Engineer in writing when and where the audio video recording will begin. The Engineer may provide a designated representative to accompany and oversee coverage of all recording operations. Audio video recording completed without an Engineering representative present will be unacceptable unless specifically authorized by the Engineer.

END OF SECTION 01381

**SECTION 02050
DEMOLITION AND SALVAGE**

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. This section covers the demolition of existing structures, equipment and site work, and the salvage of existing materials and equipment as set forth herein.

PART 2 - PRODUCTS

(NONE THIS SECTION)

PART 3 - EXECUTION

3.1 PRE-DEMOLITION ARRANGEMENTS

Contractor is responsible to make proper arrangements for temporary water supply to construction operation and site fire protection prior to disconnection of the existing tanks.

3.2 STRUCTURE DEMOLITION

CONTRACTOR shall demolish and remove from the jobsite existing tanks and associated equipment.

3.3 PIPING AND EQUIPMENT DEMOLITION

All piping and equipment immediately connected to the existing tanks shall be removed.

3.4 SALVAGE

- A. All demolished materials and equipment removed by the Contractor, shall become the property of the Contractor, and shall be removed from the jobsite.
- B. Removal and salvage of any item of equipment or facility shall include removal and salvage of all accessories, piping, wiring, supports and all other appurtenances.

END OF SECTION 02050

**SECTION 02205
TANK SITE PREPARATION AND BASE RING CONSTRUCTION**

PART 1 - GENERAL

1.1 REQUIREMENT.

- A. Work Included in Contract. Preparation of tank sites for tank construction shall include all excavation and refill of tank site within five (5) feet from exterior limits of existing tanks, base ring construction, clean up, and removal of all debris and surplus material, all in accordance with these specifications.

- B. Verification of Existing Conditions. It shall be the responsibility of the Contractor to examine the site of the work and to make all investigation necessary, both surface and sub surface, to determine, in conjunction with any information provided by others, the character of materials to be encountered and all other existing conditions affecting the work.

- C. Compliance with Regulations. The Contractor shall familiarize himself and comply with all applicable state, and county rules and regulations pertaining to sanitation, fire protection, barriers, warning lights and signs.

- D. Water Supply. The Contractor may obtain water for work and site fire protection, and shall provide at his own expense.

PART 2 - PRODUCTS

2.01 MATERIALS

The Contractor shall furnish all materials not specifically listed to be furnished by the District.

PART 3 - EXECUTION

3.1 CONSTRUCTION.

- A. Excavation. The Contractor shall perform all excavation necessary or required for the construction covered by these specifications.

- B. Fill, Backfill and Grading shall include all scarifying, moistening, compacting,

and other manipulations of the soil necessary to obtain the required densities.

The Contractor shall take all necessary precautions to protect any structures and/or underground facilities during the placement, compacting or consolidating, and grading of backfill.

- E. Base Ring Construction shall be installed in accordance with Section 13311 of these specifications and requirements of the tank manufacture, subject approval by the Engineer.

3.4 FIELD QUALITY CONTROL

- A. Disposal of Excavated Materials. All materials removed from the excavations in excess of that stored temporarily as above specified shall be immediately hauled away and used in backfilling elsewhere, or, if not used, shall be disposed of by the Contractor. The disposal area shall be acquired by the Contractor.

No materials shall be disposed of either temporarily or permanently on privately or publicly owned property unless the Contractor shall first obtain permission from the owner or agency concerned. The Contractor shall furnish satisfactory evidence to the Engineer that such consent has been obtained and shall be responsible for all damages and claims that may arise in connection therewith.

- B. Cleaning Up During the Progress of Work. The Contractor shall keep the premises occupied by him in a neat and clean condition, and free from accumulation of rubbish. Upon completion of the work and before the final estimate is submitted, the Contractor shall, at his own expense, satisfactorily dispose of or remove from the vicinity of the work, all plants, building, rubbish, unused materials, concrete forms, and other equipment and materials belonging to him or used under his direction during the construction. In the event of his failure to do so, the same may be removed and disposed of by the District at the Contractor's expense.

END OF SECTION 02205

SECTION 09873
INTERIOR COATING, DISINFECTION AND EXTERIOR PAINTING
USING BOTH SHOP AND FIELD COATING OPERATIONS

PART 1 - GENERAL

1.1 PURPOSE

- A. The purpose of this specification is to establish methods and procedures for coating, curing of coating, disinfection, painting, and handling of non-hazardous materials/wastes.

1.2 SCOPE OF WORK

- A. Work to be accomplished includes application of protective coatings and disinfection of interior surfaces, and painting of exterior surfaces, including surface preparation, handling of non-hazardous materials/wastes, and other work necessary to accomplish the approved end result of a totally protected and usable structure, including all attachments, accessories and appurtenances, generally as follows:
 - 1. It is the intent of this specification that all interior and exterior surfaces above the bottom be abrasively blast cleaned and primed in the Fabricator's or Coating Contractor's shop. The abrasive blast cleaning and coating of the interior bottom surfaces will be accomplished in the field after tank is erected.
 - 2. The Engineer will consider all work being accomplished in the field if bidder's submittal for field work meets all requirements of the specification and is in the District's best interest, as determined by the Engineer and District.
- B. Prior to erection of tank, all steel surfaces made inaccessible after erection (except underside of bottom plates) shall be cleaned as specified herein and shall receive the coating/paint system for the specific area. This includes, but is not limited to, metal to metal contact areas, e.g. bolted joints, tops of roof rafters and underside of column bases and inaccessible areas, e.g. interior of overflow pipe, stilling wells and interior/exterior of drain pipe. All areas to be coated prior to erection and location where work will be accomplished will be specifically designated by the Engineer.

- C. Surfaces not to be coated or painted include fencing, concrete surfaces, liquid level indicator accessories, glass, plastic, nameplates, and other surfaces on which paints would not adhere or would interfere with operation of specific item.

1.3 REFERENCE SPECIFICATIONS AND STANDARDS

- A. Without limiting the general aspects or other requirements of this specification, work and equipment shall conform to applicable requirements of municipal, state and federal codes, laws and ordinances governing the work, the Eastern Municipal Water District, SSPC: The Society for Protective Coatings and manufacturer's printed instructions, subject to Engineer's approval.
- B. The Contractor shall meet all the terms of the General Conditions
- C. The Engineer's decision shall be final as to interpretation and/or conflict between any of the referenced codes, laws, ordinances, specifications and standards contained herein.
- D. American Society for Testing and Materials (ASTM)
 - 1. ASTM E337, Standard Test Method for Measuring Humidity with a Psychrometer
 - 2. ASTM D1186, Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base
 - 3. ASTM D3359, Standard Test Method for Measuring Adhesion by Tape.
 - 4. ASTM D4138, Standard Test Method for Measurement of Dry Paint Thickness of Protective Coating Systems by Destructive Means
 - 5. ASTM D4285, Standard Test Method for Indicating Oil or Water in Compressed Air
 - 6. ASTM D4414, Standard Practice for Measurement of Wet Film Thickness by Notch Gages
 - 7. ASTM D4417, Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel
 - 8. ASTM D5402, Standard Test Methods for Assessing the Solvent Resistance of Organic Coatings Using Solvent Rubs
- E. American Water Works Association (AWWA)
 - 1. AWWA D102, AWWA Standard for Coating Steel Water Storage Tanks
 - 2. AWWA C652, AWWA Standard for Disinfection of Water Storage

Facilities

3. AWWA M42, AWWA Manual of Water Supply Practices, Steel Water Storage Tanks

F. SSPC: Society for Protective Coatings (SSPC)

1. SSPC-SP 1, Solvent Cleaning
2. SSPC-SP 2/3, Hand/Power Tool Cleaning
3. SSPC-SP 6, Commercial Blast Cleaning
4. SSPC-SP 7, Brush-off Blast Cleaning
5. SSPC-SP 10, Near-White Blast Cleaning
6. SSPC-SP 11, Power Tool Cleaning to Bare Metal
7. SSPC-SP 15, Power Tool Cleaning to Commercial Grade Cleanliness
8. SPC-PA1, latest revision, for "Shop, Field and Maintenance Painting
9. SSPC-PA 2, Measurement of Dry Film Thickness with Magnetic Gages
10. SSPC-VIS 1, Visual Standard for Abrasive Blast Cleaned Steel
11. SSPC-VIS 3, Visual Standard for Hand and Power Tool Cleaned Steel
12. SSPC Publication No. 91-12, Coating and Lining Inspection Manual
13. SSPC-Visual Comparison Manual
14. SSPC Guide 12 - Guide for Illumination of Industrial Painting
15. SSPC's Publication 91-12 "Testing Recirculated Abrasives

1.4 COMPLETION OF WORK

- A. All surface preparation, coating application, curing of coating and disinfection work on tank interiors, and exterior painting and handling/disposing of non-hazardous materials/wastes shall be completed within the number of calendar days consistent with the Contract Completion Schedule noted in the Information for Bidders.

1.5 CONTRACTOR

- A. All coating shall be performed by a licensed Painting and Decorating Contractor in the State of California (C-33 Classification).

1.6 QUALITY ASSURANCE

- A. General: Quality assurance procedures and practices shall be utilized to monitor all phases of surface preparation, application and inspection throughout the duration of the project. Procedures or practices not specifically defined herein may be utilized provided they meet recognized and acceptable professional standards and are approved by the Engineer.
- B. All materials furnished and all work accomplished under the Contract shall be subject to fulltime inspection by the Engineer. The Contractor shall be held strictly to the true intent of the Specifications in regard to quality of materials, workmanship, and diligent execution of the Contract.
- C. Work accomplished in the absence of prescribed inspection may be required to be removed and replaced under the proper inspection, and the entire cost of removal and replacement, including the cost of all materials which may be furnished by the District and used in the work thus removed, shall be borne by the Contractor, regardless of whether the work removed is found to be defective or not. Work covered up without the authority of the Engineer, shall, upon order of the Engineer, be uncovered to the extent required, and the Contractor shall similarly bear the entire cost of accomplishing all the work and furnishing all the materials necessary for the removal of the covering and its subsequent replacement, as directed and approved by the Engineer.

1.7 SAFETY AND HEALTH REQUIREMENTS

- A. Contractor shall submit a notarized letter signed by a principal officer of the Corporation certifying the Contractor fully complies with California Code of Regulations pertaining to the work including, but not limited to, the following Construction Safety Orders (CSO) or General Industrial Safety Orders (GISO):

1. Illness Injury Prevention Program	CSO/GISO	1508/3203
2. Confined Space Plan	GISO	5156/5159
3. Respiratory Protection	CSO/GISO	1531/5144

4. Hazard Communication	GISO	5194
5. Rolling Scaffolds	CSO	1646
6. Employee Safety Instruction	CSO	1510
7. Emergency Medical Service	CSO	1512
8. Dusts, Fumes, Mists, Vapors & Gases	CSO	1528
9. Fall Protection	CSO	
10. Hearing Conservation	GISO	

B. General: Contractor assumes the responsibility to accomplish all work in a safe and prudent manner, and to conform to all applicable safety requirements, regulations and guidelines of federal, state and local regulatory agencies, as well as applicable manufacturer's printed instructions and appropriate technical bulletins and manuals. Without in any way limiting that responsibility or assuming responsibility for safety, District is particularly concerned that the following are strictly observed:

1. Life Saving Equipment: Contractor shall provide and require use of personal protective life saving equipment for all its personnel working in or about the project site.
2. Access Facilities: All ladders, scaffolding and rigging shall be designed for their intended uses. Ladders and scaffolding shall be erected where requested by Engineer to facilitate inspection and be moved by the Contractor to locations requested by the Engineer.
3. Ventilation: Contractor shall ensure there are proper ventilation, air eduction and exhausting of solvent vapors to reduce the concentration of air contaminants to a level which poses no hazard o personnel at or near the job site. Air circulation and exhausting of solvent vapors shall be continued until coatings have fully cured. Forced air eduction during blast cleaning and coating application operations is mandatory. The exhaust blower capacity shall be sufficient to maintain air changes within tank interior in accordance with Cal-OSHA, coating manufacturer's recommendations and local air quality management district regulations.
4. Dehumidification: Dehumidification equipment or other alternate ventilation systems must be approved by the Engineer. Equipment must be operated on a continuous basis during all blasting, coating and curing operations, including

shifts during which no work is being accomplished.

5. **Head and Face Protection and Respiratory Devices:** Equipment shall include protective helmets which shall be worn by all persons while in the vicinity of the work. During abrasive blasting operations, nozzle men shall wear U.S. Bureau of Mines or National Institute of Occupational Safety and Health (NIOSH) approved positive pressure air-supplied helmets and all other persons who are exposed to blasting dust shall wear respiratory protection determined necessary by the exposure assessment of the Certified Industrial Hygienist. District reserves the right to review exposure assessment and to make additional recommendations. Positive pressure air-fed hoods and/or masks shall be supplied by an air source currently certified to produce "Class D Breathing Air". Contractor shall at all times during the work maintain onsite current documentation to substantiate the quality of the breathing air.
6. **Grounding:** All hoses shall be grounded to prevent accumulation of charges of static electricity.
7. **Illumination:** Sparkproof artificial lighting shall be provided for all work in confined spaces. Light bulbs shall be guarded to prevent breakage. Lighting fixtures and flexible cords shall comply with the requirements of NFPA 70 "National Electric Code" for the atmosphere in which they will be used. Whenever required by the Engineer, the Contractor shall provide additional illumination and necessary supports to cover all areas to be inspected. The level of illumination for inspection purposes shall be determined by the Engineer. Based on GISO requirements; whichever is more stringent.
8. **Toxicity and Explosiveness:** The maximum allowable concentration of vapor shall be kept below the maximum safe concentration for eight-hour exposure, plus Lower Explosive Limit (L.E.L.) must be strictly maintained. All regulations related to safety of personnel and handling of such materials shall be strictly followed. Cost of handling and disposing of such materials will be borne by the Contractor.
9. **Protective Clothing:** When handling and mixing coatings or paints, workmen shall wear gloves and eye shields, at a minimum. If working with lead or other heavy metals, regulations regarding handling of exposed clothing shall be strictly enforced.
10. **Fire:** Contractor shall provide appropriate fire abatement devices and prohibit any flames, welding and smoking during mixing and application of materials.

1.8 COMPLIANCE WITH ENVIRONMENTAL REGULATORY REQUIREMENTS

- A. Contractor shall comply with all current federal, state, and local environmental laws and regulations, including, but not limited to the laws and regulations of the U.S. Environmental Protection Agency (USEPA), the California Air Resources Board (CARB), and the South Coast Air Quality Management District (SCAQMD).

PART 2 - COATING AND DISINFECTION MATERIALS

2.1 GENERAL

- A. Standard products of manufacturers other than those specified on the Approved Material List provided, will be accepted when it is proved to the satisfaction of the Engineer they are equal in composition, durability, usefulness and convenience for the purpose intended. Substitutions will be considered provided the following minimum conditions are met:
 - 1. The proposed coating or paint system shall have a dry film thickness equal to or greater than that of the specified system.
 - 2. The proposed coating or paint system shall employ an equal or greater number of separate coats.
 - 3. The proposed coating or paint system shall employ coatings or paints of the same generic type.
 - 4. All requests for substitution shall carry full descriptive literature and directions for application, along with complete information on generic type, non-volatile content by volume and a list of 10 similar projects, all at least three years old, where the products have been applied to similar exposure.
 - 5. The District requires that the Contractor provide certified laboratory data sheets showing the results of complete spectrographic and durability tests accomplished on the proposed substitute. Tests shall be accomplished by an independent testing laboratory satisfactory to the Engineer and all costs incurred in the testing program shall be borne by the Contractor. In any case, the Engineer shall be sole and final judge of the acceptability of any proposed substitution. Requests for substitution must be approved in writing prior to date of bid.
- B. All materials shall be brought to the jobsite in the original sealed containers.

They shall not be opened or used until District's representative has physically inspected contents and obtained necessary data from information printed on containers or label. Materials exceeding storage life recommended by the manufacturer shall be rejected. Copy of invoice showing purchase and delivery dates will be required.

- C. Flammability, toxicity, allergenic properties, and any other characteristic requiring field precautions shall be identified and specific safety practices shall be stipulated as required by federal, state, local manufacturer or MSDS.
- D. All coating, paint and disinfection materials shall be stored in enclosed structures to protect them from weather and excessive heat or cold. Flammable materials must be stored to conform with City, County, State and Federal safety codes for flammable materials. At all times coatings or paints shall be protected from freezing.
- E. Contractor shall use products of same manufacturer for all coats.

2.2 INTERIOR COATING MATERIALS

- A. Coating materials for interior surfaces of tank must appear on the former "EPA Listing of Acceptable Drinking Water Additives", Run date: 05/08/89, formerly published by the Environmental Protection Agency, or Standard 61 of the National Sanitation Foundation (NSF) or Standard 61 of the Underwriters' Laboratory (UL). Products containing perchloroethylene (PCE), trichloroethylene (TCE), lead, chromium or zinc will not be permitted.
 - 1. The Contractor shall provide, prior to coating any surfaces of the tank, written certifications from the coating manufacturers stating that the coating materials, thinners, solvents, and equipment cleaning fluids provided by the manufacturers do not contain PCE or TCE. The Contractor shall also certify, in writing, that no material containing PCE, TCE, lead, chromium, or zinc in any form will be used for the interior coatings or exterior paints of the tank. This shall include all solvents, thinners, and cleaning fluids at the job site, regardless of where the materials were obtained.
TCE and PCE prior to being used at the job site. The Contractor shall provide the Engineer with samples of each material at no cost to the District. Unacceptable materials shall be removed from the job site.
- B. Interior coating materials for immersed surfaces of the tank must appear on the current National Sanitation Foundation (ANSI/NSF) Standard 61-1999. They shall conform to the regulations and applicable requirements of local, State and

Federal air pollution and health regulatory agencies.

1. Epoxy coatings shall be similar or equal to AWWA Standard D102-11 Inside Coating System No. 2. Materials have been listed herein as standards of quality.
2. Joint sealant shall be a flexible polyurethane or polysulfide product, similar or equal to Federal Specification TT-S-230.

2.3 EXTERIOR PAINT MATERIALS

- A. Paint materials shall consist of an urethane system and conform to the regulations and applicable requirements of applicable local, State and Federal air pollution regulatory agencies.
 1. Prime coat shall be similar or equal to that defined in AWWA Standard D102-11, Outside Coating No. 5 Materials listed herein as standards of quality.
 2. Finish coat shall be equal or similar to that defined in AWWA Standard D102-11, Outside Paint System No. 5. Color samples shall be submitted by Contractor for District's review and approval.
 3. Joint sealant shall be a flexible polyurethane or polysulfide product, similar or equal to Federal Specification TT-S-00230C, Type II, Class A (non-sag).

2.4 DISINFECTION MATERIALS

- A. Disinfection materials shall conform to all requirements of AWWA Standard C652-92.
- B. Cleaner for pre-disinfection cleaning of interior surfaces shall be Gre-Sa-Way or proved equal.

PART 3 - EXECUTION

3.1 GENERAL

- A. All surface preparation, coating and paint application shall conform to applicable standards of the Society for Protective Coatings, the Eastern

Municipal Water District and the manufacturer's printed instructions. Material applied prior to approval of the surface, by the Engineer, shall be removed and reapplied to the satisfaction of the Engineer at the expense of the Contractor.

- B. All work shall be accomplished by skilled craftsmen qualified to accomplish the required work in a manner comparable with the best standards of practice. Resumes of personnel to be used on the project shall be submitted upon Notice of Award. Continuity of personnel shall be maintained and transfers of key personnel shall be coordinated with the Engineer.
- C. The Contractor shall provide a supervisor to be at the work site during cleaning, application and disinfection operations. The supervisor shall have the authority to sign and change orders, coordinate work and make other decisions pertaining to the fulfillment of their contract.
- D. Contractor shall provide approved sanitary facilities for all Contractor personnel, as no existing facilities will be available to the Contractor. Facilities shall be maintained during the project to complete standards established by District and shall be removed prior to Contractor's departure from the site at completion of the project.
- E. Dust, dirt, oil, grease or any foreign matter which will affect the adhesion or durability of the finish must be removed by washing with clean rags dipped in an approved commercial cleaning solution, rinsed with clean water and wiped dry with clean rags.
- F. The Contractor's equipment shall be designed for application of materials specified and shall be maintained in first class working condition. Compressors shall have suitable traps and filters to remove water and oils from the air. Blotter test shall be accomplished at each start-up period and as deemed necessary by the Engineer. Contractor's equipment shall be subject to approval of the Engineer. This approval does not relieve the Contractor's responsibility for the safe operation of the equipment or its performance.
- G. Application of the first coat shall follow immediately after surface preparation and cleaning within an eight hour working day. Any cleaned areas not receiving first coat within an eight hour period shall be recleaned prior to application of first coat. If dehumidification equipment is used to control the area, cleaned areas may have the first coat applied during the last shift of the week, provided dehumidification equipment has run continuously during the complete week and surface meets all requirements of the specification.
- H. Because of presence of moisture and possible contaminants in atmosphere,

care shall be taken to ensure previously coated or painted surfaces are protected or recleaned prior to application of subsequent coat(s). Methods of protection and recleaning shall be approved by the Engineer.

1. Project is subject to intermittent shutdown if, in the opinion of the Engineer, cleaning and application operations are creating a localized condition detrimental to ongoing facility activities, personnel or adjacent property.
2. In the event of emergency shutdown by the Engineer, Contractor shall immediately correct deficiencies. All additional costs created by shutdown shall be borne by Contractor.
 - I. The Contractor shall provide, at his own expense, all necessary power required for his operations under the contract.
 - J. Contractor shall comply with requirements of Department of Health Services, Sanitary Engineering Branch, memorandum of May 1, 1986, titled "Reservoir Coatings". By reference, this memorandum and its attachments, by reference is considered included as part of the specification.
 - K. Overspray Control: The Contractor shall conduct all operations so as to confine abrasive blasting debris and coating or paint overspray to within the bounds of the site. The Contractor shall take all precautions necessary to prevent adverse off-site consequences of application operations. Any complaints received by the District relating to any such potential off-site problems will be immediately delivered to the Contractor-assigned jobsite representative. The Contractor shall immediately halt blast cleaning or application work and shall take whatever corrective action is required to mitigate any such problems. All costs associated with protection of off-site properties and/or correction of damage to property as a result of blast cleaning or application operations shall be borne directly by the Contractor at no additional expense to the District.

3.2 SURFACE PREPARATION, GENERAL

- A. The latest revision of the following surface preparation specifications of the Society for Protective Coatings shall form a part of this specification. (Note: An element of surface area is defined as any given square inch of surface).
1. Solvent Cleaning (SSPC-SP1): Removal of oil, grease, soil and other contaminants by use of solvents, emulsions, cleaning compounds, steam cleaning or similar materials and methods, which involve a solvent or cleaning action.
 2. Hand Tool Cleaning (SSPC-SP2): Removal of loose rust, loose mill scale and other detrimental foreign matter present to degree specified by hand chipping, scraping, sanding and wire brushing.
 3. Power Tool Cleaning (SSPC-SP3): Removal of loose rust, loose mill scale and other detrimental foreign matter present to degree specified by power wire brushing, power impact tools or power sanders.
 4. Commercial Blast Cleaning (SSPC-SP6): Blast cleaning until at least two-thirds of each element of surface area is free of all visible residues.
 5. Brush-off Blast Cleaning (SSPC-SP7): Blast cleaning to remove loose rust, loose mill scale, and other detrimental foreign matter present to the degree specified.
 6. Near-White Blast Cleaning (SSPC-SP10): Blast cleaning to near-white metal cleanliness, until at least ninety-five percent of each element of surface area is free of all visible residues.
 7. Power Tool Cleaning to Bare Metal (SSPC-SP11): Power tool cleaning to produce a bare metal surface and to retain or produce a surface profile of at least 1.0 mil.
 8. Low Pressure Water Cleaning (SSPC-SP12, LPWC): Low pressure water cleaning at a maximum pressure of 5,000 psi to remove loose rust, loose paint, and other detrimental foreign matter present.
 9. Commercial Grade Powertool Cleaning (SSPC-SP15): Powertool cleaning until at least two-thirds of each element of surface area is free of all visible residue.
- B. All interior surfaces of tank shall be abrasively blast cleaned to "Near-White Blast Cleaning" in conformance to SSPC's Surface Preparation

Specification No. 10 (SSPC- SP10) and a surface profile or anchor pattern of 2 to 3 mils (.002" - .003").

- C. With the exception of the underside of the tank bottom, all exterior surfaces of tank shall be abrasively blast cleaned to "Commercial Blast Cleaning" In conformance to SSPC's Surface Preparation Specification No. 6 (SSPC-SP6) and a surface profile or anchor pattern of 2 to 3 mils (.002" - .003").

3.3 SURFACE PREPARATION, SHOP

- A. No shop surface preparation shall be performed on floor plate surfaces.
- B. All interior surfaces to receive shop-applied primers shall be abrasively blast cleaned to "Near-White Blast Cleaning" in accordance with SSPC's Surface Preparation Specification No. 10 (SSPC-SP10).
- C. With the exception of the underside of the tank bottom, all exterior surfaces to receive shop-applied primers shall be abrasively blast cleaned to "Commercial Blast Cleaning" in accordance with SSPC's Surface Preparation Specification No. 6 (SSPC-SP6).
- D. Test on surfaces of abrasively blast cleaned steel shall be performed to detect oil and other contaminants which might be deposited on surfaces as a result of abrasive recycling or other shop operations. This will include chemical tests or ultra-violet (black light) tests, as required.
- E. The operating mix of abrasive media shall be such that a sharp angular, not peened profile is produced. Any recycled abrasive shall be designed for that use (i.e. steel grit) and be free of grease, oil, or other debris or contaminants that could be detrimental to the service life of the applied coatings. If steel shot media is used it shall be limited to no more than 1/3 of the operating mix. Recycled abrasive shall be tested for contamination through the use of a vial test in accordance with the procedures outlined in SSPC's Publication 91-12 "Testing Recirculated Abrasives".
- F. Upon completion of blasting and priming operations, primer on plates and structural steel shall be dried sufficiently to minimize damage during handling.
- G. Handling of Shop Primed Steel: Contractor shall adhere to the following procedures and practices for handling, transporting and storing shop primed steel:
 - 1. Curing: Upon completion of blasting and priming operations, primer on

structural steel shall be dried sufficiently to minimize damage during handling.

2. Separation of Steel: When structural steel and appurtenances are stored or transported, spacers and other protection shall be used to separate steel to eliminate primer being pulled off during unloading operations. If wood spacers are used, no splinters or wood particles will be allowed to remain in primed surfaces after separation.
3. Covering of Steel During Transit: Shop primed structural members and appurtenances shall be covered 100% to prevent deposition of road salts, fuel residue and other contaminants which may be present along the route of shipment to jobsite.
4. Load Binders: Loaded steel must be bound with padded chains or ribbon binders to minimize damage to coatings and paint during shipment.
5. Handling: Care shall be exercised during loading, unloading, storage and erection operations to minimize damage to primed steel. Sliding of steel across another member will not be permitted.
6. Storage: Primed steel at jobsite shall not be placed on ground or on top of other steel work unless ground or steel work is covered with an approved covering. Steel may be elevated above ground level or other steel members by use of approved spacers. H. Care shall be exercised during loading, unloading, storage and erection operations to minimize damage to primed steel. Sliding of steel across another plate or member will not be permitted, except for fitting sheets into position during roof construction.
7. Primed steel plate and structural steel at jobsite shall not be placed on ground or on top of other steel work unless ground or steel work is covered with an approved covering. Steel may be elevated above ground level or other steel members by use of approved spacers.
8. All materials shall be applied as specified herein. Care shall be made to not prime those areas that will be heat affected during tank erection welding or cutting.

3.4 SURFACE PREPARATION, FIELD

- A. Slag, weld spatter, or sharp edges such as those created by flame cutting and shearing not previously removed by the Tank Fabricator, Erector or Installer shall be removed by chipping and grinding. All sharp edges shall be peened,

ground or otherwise blunted as required by the Engineer in accordance with NACE SP 0178. The rolled edges of angles, channels, and wide flange beams do not normally require further rounding unless specifically directed by the Engineer.

- B. Upon completion of erection, the following procedure shall be utilized on all shop primed surfaces:
1. All oily or greasy surface contaminants shall be removed by wiping the contaminated area with a clean rag wetted with degreasing solution, rinsed with clean water and wiped clean shall be in accordance with SSPC's Surface Preparation Specification No. 1 "Solvent Cleaning" (SSPC-SP1).
 2. All primed surfaces shall be additionally cleaned in conformance to SSPC's Surface Preparation No. 7 "Brush-off Blast Cleaning," (SSPC-SP7). Remaining primer shall be firmly bonded to the substrate with blast cleaned edges feathered. Extreme care shall be exercised to ensure that the remaining primer is not fractured or damaged by cleaning operations. The remaining prepared primer shall be dull and free of any visible indication of gloss. All surfaces of red primer shall be prepared to a 100 percent pink appearance.
 3. All interior surfaces exhibiting bare metal, rust, scaling, or damaged coating areas shall be blast cleaned in conformance to Steel Structures Painting Council Specification No. 10 "Near-White Blast Cleaning," (SSPC-SP10). Adjacent primer shall be firmly bonded to the substrate with blast cleaned edges feathered. Extreme care should be exercised to ensure that the remaining primer is not fractured or damaged by cleaning operations.
 4. All exterior surfaces exhibiting bare metal, rust, scaling, or damaged coating areas shall be blast cleaned in conformance to Steel Structures Painting Council Specification No. 6 "Commercial Blast Cleaning," (SSPC-SP6). Adjacent primer shall be firmly bonded to the substrate with blast cleaned edges feathered. Extreme care should be exercised to ensure that the remaining primer is not fractured or damaged by cleaning operations.
 5. After abrasive blast cleaning of damaged and defective areas and feathering of edges, cleaned areas will be primed as specified herein. Spot prime repairs will not be included as part of the intermediate coat. It is the intent of this specification to ensure a three coat system is applied to all interior surfaces.
- C. Abrasive blasting nozzles shall be equipped with "deadman" emergency

shut-off nozzles. Blast nozzle pressure shall be a minimum of 95 P.S.I. and shall be verified by using an approved nozzle pressure gage at each start-up period or as directed by the Engineer. Number of nozzles used during all blast cleaning operations must be sufficient to insure timely completion of project as approved and directed by Engineer.

- D. All blast hose connections shall be tethered and connected with external couplings.
These connections shall be taped with duct tape prior to pressurizing. All taped connections shall be visually inspected for leaks within five minutes after start of blast cleaning operations and at the end of blast cleaning operations. Leaking connections shall be immediately repaired to prevent further damage.
- E. Particle size of abrasives used in blast cleaning shall be that which will produce a surface profile or anchor pattern specified herein, or in accordance with recommendations of the manufacturer of the specified coating or paint system to be applied, subject to approval of Engineer.
- F. Abrasive used in blast cleaning operations shall be new, washed, graded and free of contaminants, which would interfere with adhesion of coatings and paints and shall not be reused unless specifically approved by the Engineer. Abrasives shall be certified for unconfined dry blasting pursuant to the California Administrative Code, Section 92520 of Subchapter 6, Title 17, and shall appear on the current listing of approved abrasives. Invoices or load sheets confirming above shall be required.
- G. The Contractor shall keep the area of work in a clean condition and shall not permit blasting materials to accumulate as to constitute a nuisance or hazard to the prosecution of the work or the operation of the existing facilities. Spent abrasives and other debris shall be removed at the Contractor's expense as directed by the Engineer. If waste is determined to be hazardous, disposal by Contractor shall meet requirements of all regulatory agencies for handling such wastes.
- H. Blast cleaned surfaces shall be cleaned prior to the application of specified coatings or paints through a combination of blowing with clean dry air, brushing/brooming and/or vacuuming as directed by the Engineer. Air hose for blowing shall be at least 1/2" in diameter and shall be equipped with a shut-off device and shall meet GISO requirements.
- I. The surfaces of any non-carbon steel substrates, or specialty items (i.e. galvanized, anodized, etc.) shall be properly treated and prepared prior to any coating operations in accordance with the coating manufacturer's written recommendations, subject to approval of the engineer.

- J. Any burrs, weld spatter, sharp edges, corners, or rough welds which would cause difficulty in achieving a defect-free paint system shall be chipped or ground smooth in conformance to NACE Standard SP0178-89. It is not the intent to have the welds or "scars" ground "flush". The object of the grinding is to eliminate sharp edges, corners, and overlaps to provide a surface for the application of a uniform thickness of coating or paint without voids or other defects.
- K. Field blast cleaning for all surfaces shall be by dry method unless otherwise directed.
Contractor is responsible for maintaining dust emissions within the legal level and that level which would not create a nuisance.
- L. Blast cleaning from rolling scaffolds shall only be accomplished within confines of interior perimeter of scaffold. Reaching beyond limits of perimeter will be allowed only if blast nozzle is maintained in a position which will produce a profile acceptable to the Engineer.
- M. The interior surfaces of the outlet nozzle and that portion of the inlet nozzle permanently attached to the tank shall be cleaned of all old coating and rust by blast cleaning or other approved methods. Precautions shall be taken so as to prevent any damage to the existing gate or butterfly valves at the inlet and outlet nozzles. All exposed surfaces of the valves shall be masked prior to blast cleaning the nozzles.
- N. During blast cleaning operations, inlet, outlet, overflow and bottom drain openings shall be covered with plywood bulkheads, or other approved barriers, to prevent entry of spent abrasive, removed coating or other foreign materials.
- O. All welds, when required, shall be neutralized with a suitable chemical compatible with the specified coating materials.
- P. Water Cleaning (SSPC-SP12, LPWC) shall be used only when and as directed by
Engineer.
- Q. SSPC SP12 and proper scarification for exterior surfaces may be required if proximity of adjacent property dictates extraordinary precautions due to potential for property damage. Sufficient inhibitor, approved by the paint supplier shall be added to water to prevent rusting of cleaned surfaces prior to application of field coats. At the option of the Contractor, other methods of removal may be used, provided they protect adjacent properties and are approved by the Engineer.

3.5 APPLICATION, GENERAL

- A. Coating and paint application shall conform to the requirements of the Society for Protective Coatings Paint Application Specification SSPC-PA1, latest revision, for "Shop, Field and Maintenance Painting," the Eastern Municipal Water District, the manufacturer of the coating and paint materials printed literature and as specified herein.
- B. Thinning shall only be permitted as recommended by the manufacturer and shall not exceed limits set by applicable regulatory agencies.
- C. Each application of coating or paint shall be uniform in appearance and applied evenly, free of brush marks, sags, runs and no evidence of poor workmanship. Care should be exercised to avoid lapping on glass or hardware. Coatings and paints shall be sharply cut to lines. Finished surfaces shall be free from blemishes or defects as defined by SSPC's Visual Comparison Manual.
- D. Protective coverings or drop cloths shall be used to protect floors, fixtures, equipment, prepared surface and applied coatings or paints. Personnel entering tank or walking on exterior roof of tank shall take precautions to prevent damage or contamination of coated or painted surfaces. If required by Engineer, personnel shall wear soft-soled shoes, or shoe coverings approved by Engineer. Care shall be exercised to prevent coating or paint from being spattered onto surfaces which are not to be coated or painted. Surfaces from which such material cannot be removed satisfactorily shall be refinished as required to produce a finish satisfactory to the Engineer.
- E. All welds and irregular surfaces specified by the Engineer shall receive a brush coat of the specified product prior to application of each complete coat. Coating shall be brushed in multiple directions to ensure penetration and coverage, as directed by the Engineer. These areas include, but are not limited to, welds, roof lap seams, nuts, bolts, pitted areas, ends and flanges of rafters and girders, etc. Care shall be exercised to ensure dry film thickness of coatings and paints do not exceed the maximum thickness allowed by the manufacturer of the specific product being applied.
- F. At conclusion of each day's blast cleaning and coating operations, a 6" wide strip of blast cleaned substrate shall remain uncoated to facilitate locating point of origin for successive day's blast cleaning operations.
- G. Epoxy coated surfaces or other multi-component materials exposed to

excessive sunlight or an excessive time element beyond manufacturer's recommended recoat cycle, shall be scarified by Brush-Off Blast Cleaning (SSPC SP-7) or methods approved by Engineer, prior to application of additional coating or paint. Scarified coating or paint shall have sufficient depth to assure a mechanical bond of subsequent coat.

- H. All attachments, accessories, and appurtenances shall be prepared and finished in the same manner as specified for adjoining tank sections, except as specifically designated by the Engineer at the Pre-Bid Conference.
- I. After abrasive blast cleaning of damaged and defective areas and feathering of edges, cleaned areas will be primed as specified herein. Spot prime repairs will not be included as part of the intermediate coat. It is the intent of this specification to ensure a three coat system is applied to all interior surfaces.
- J. All coating components shall be mixed in exact proportions specified by the manufacturer. Care shall be exercised to ensure all material is removed from containers during mixing and metering operations.
- K. All coatings shall be thoroughly mixed, utilizing an approved slow-speed power mixer until all components are thoroughly combined and are of a smooth consistency. Coatings shall not be applied beyond pot-life limits or recoat cycles specified by manufacturer.
- L. Thinners shall be added to coating materials only as required in accordance with manufacturer's printed literature and in the presence of the Engineer. Quantities of thinner shall not exceed limits set by applicable regulatory agencies.
- M. Application shall be by conventional or airless spray method, except as otherwise specified. Drying time between coats shall be a minimum of 12 hours between coats.
- N. When two or more coats are specified, where possible, each coat shall contain sufficient approved color additive to act as an indicator of coverage or the coats must be of contrasting color.
- O. Care shall be exercised during spray operations to hold the spray nozzle perpendicular and sufficiently close to surfaces being coated, to avoid excessive evaporation of volatile constituents and loss of material into the air or the bridging of cracks and crevices. Reaching beyond limits of scaffold perimeter will not be permitted. All overspray identified by Engineer shall be removed by hand or pole sanding prior to application of subsequent coat.

- P. Joint sealant may be applied by caulking gun, trowel or other approved method. Sealant shall be pressed firmly into voids to insure 100% filling/sealing.
- Q. All coating components shall be mixed in exact proportions specified by the manufacturer. Care shall be exercised to insure all material is removed from containers during mixing and metering operations.
- R. Paint shall not be applied when wind speeds exceeds fifteen miles per hour.

3.6 APPLICATION, INTERIOR

- A. After completion of surface preparation as specified, all surfaces shall receive three coats of one of the coatings specified under 2.02 "INTERIOR COATING MATERIALS." Field prime and topcoats shall be white. The total system shall include one of the following systems:
 - 1. Carboline Company Carboguard 891 VOC
 - a. 4-6 mils 891 VOC Shop Prime Coat
 - b. 4-6 mils 891 VOC Field Prime/Intermediate Coat
 - c. 4-6 mils 891 VOC Topcoat
 - d. 15 mils (.015") shall be the minimum dry film thickness of the completed system.
 - 2. Sherwin Williams Company: Macropoxy 646
 - a. 5-8 mils 646 PW Shop Prime Coat
 - b. 5-8 mils 646 100 PW Field Prime/Intermediate Coat
 - c. 5-8 mils 646 100 PW Topcoat
 - d. 15 mils (.015") shall be the minimum dry film thickness of the completed system
 - 2. Tnemec Company Series 140F PotaPox II
 - a. 4-6 mils V140F Shop Prime Coat
 - b. 4-6 mils L140F Field Prime/Intermediate Coat
 - c. 4-6 mils L140F Topcoat
 - d. 15 mils (.015") shall be the minimum dry film thickness of the completed system.
- B. Shell/roof junction, roof plate lap seams, and designated void areas:
 - 1. After completion of coating application, as specified, all void areas shall be filled with a joint sealant as specified. Joint sealant may be applied by caulking gun, trowel or other approved method. Sealant shall be pressed firmly into voids to insure 100% filling/sealing.

3.7 APPLICATION, EXTERIOR

- A. After completion of surface preparation as specified, all surfaces shall receive three complete coats of one of the coatings specified under 2.03 "EXTERIOR PAINT MATERIALS. The total system shall include one of the following systems:
1. Carboline Company
 - a. 4-6 mils Carboguard 890 VOC - Prime Coat
 - b. 4-6 mils Carboguard 890 VOC - Field Prime/Interm Coat
 - c. 3-5 mils Carbothane 134 MC - Finish Coat
 - d. 7 mils (.007") shall be the minimum dry film thickness of the completed system
 2. Sherwin Williams Company
 - a. 3-5 mils Macropoxy 646 - Prime Coat
 - b. 3-5 mils Macropoxy 646 - Field Prime/Interm Coat
 - c. 2-4 mils HS Polyurethane 100 - Finish Coat
 - d. 7 mils (.007") shall be the minimum dry film thickness of the completed system
 3. Tnemec Company
 - a. 3-5 mils Series V140F PotaPox II - Shop Prime Coat
 - b. 3-5 mils Series L140F PotaPox II - Field Prime/Interm Coat
 - c. 2-3 mils 1E85 Eudurashield - Finish coat
 - d. 7 mils (.007") shall be the minimum dry film thickness of the completed system
- B. A minimum of 24 hours time is required before additional coats may be applied.
- C. Color Scheme: the Owner shall select exterior finish coat colors for the project. The Contractor shall submit a current chart of the manufacturer's available colors to the Owner's representative ten days prior to start of painting operations.
- D. Following all paint work, apply caulking to the gap between the exterior floor plate and concrete ring wall in accordance with the manufacturer's written recommendations, using backing rod as required to provide suitable seal. Exterior caulking shall have a smooth clean finish that is applied to clean, sharp lines. Sealant color shall be selected and approved by the Owner. Sealant

shall be a material as specified under shall include Sikaflex 2C, Vulkem 921, Sonolastic NP1, or approved equal.

- E. Color Scheme: The Owner shall select colors for the project. The Contractor shall submit a current chart of the manufacturer's available colors to the Owner's representative ten days prior to start of painting operations.

3.8 QUALITY CONTROL

- A. Ambient Conditions: no coating shall be applied when the surrounding air temperature or the temperature of the surface to be coated or painted is below 50 degrees F. No coatings shall be applied at temperatures above 110 degrees F. No coatings shall be applied to wet or damp surfaces or in rain, snow, fog or mist, when the temperature is less than 5 degrees F. above the dewpoint, or when it is expected the air temperature will drop below 50 degrees F. Dewpoint shall be measured by the use of an instrument such as a Sling Psychrometer in conjunction with U.S. Department of Commerce Weather Bureau Psychrometer Tables or equivalent in accordance with ASTM D337. If unacceptable conditions are prevalent, coating or paint application shall be delayed or postponed until conditions are favorable. The day's coating or paint application shall be completed in time to permit the film sufficient drying time prior to damage though atmospheric conditions.
- B. Surface Preparation: surface preparation will be based upon comparison with: "Pictorial Surface Preparation Standards for Painting Steel Surfaces," SSPC-Vis 1 and as described herein. Anchor profile for prepared surfaces shall be measured by using a nondestructive instrument such as a Testex Press-0-Film System in accordance with ASTM D4417. Temperature and dewpoint requirements shall apply to all surface preparation operations, except low and high temperature limits.
- C. Film Thickness Testing: thickness of coatings and paint shall be checked by Contractor with a non-destructive film thickness gauge in accordance with ASTM D1186 and/or ASTM D7091. An instrument such as Tooke Gage should be used in accordance with ASTM D4138 if a destructive tester is deemed necessary. The sampling of film thickness of flat (e.g. plate) surfaces shall be tested in accordance with SSPC-PA2.
- D. All pinholes shall be repaired in accordance with the manufacturer's printed recommendations and retested. No pinholes or other irregularities will be permitted in the final coating.

3.9 DISINFECTION

A. Disinfecting of interior surfaces of tank shall be accomplished in the presence of the Engineer, in conformance to AWWA Standard C652 Section 4.2 Chlorination Method 2 as modified herein:

1. Disinfection shall be accomplished after completion and acceptance by Owner of all interior recoating and curing of coating as required in 3.10 "FINAL CURING OF INTERIOR EPOXY COATINGS".
2. Prior to disinfecting, the complete interior shall be cleaned with an approved cleaner or detergent applied via high pressure hot solution method. If deemed necessary by Engineer, immersed areas shall be scrubbed with a brush or similar implement which will apply force and pressure to the surface to completely remove residual solvents and other surface contaminants.

Cleaned surfaces shall then be rinsed with clean water. Residual water and contamination removed during washing process shall be thoroughly flushed from tank. Contractor shall obtain approval of District prior to draining any residual water to waste. This operation shall be accomplished after completion of interior coating work as directed by the Engineer.

3. After completion of cleaning cycles as noted above, all interior surfaces shall jet washed with a chlorine or chloramine solution having a content of 200 PPM. Chlorine or chloramine solution which accumulates on the bottom shall be drained to waste. Contractor shall obtain approval of District prior to draining any high strength chlorinated water to waste. Rinsing with clean water is not required unless directed by Engineer.
4. Once the tank has been completely filled, the tank will be isolated from the water system and the District will take a Bac-T test. Bac-T samples will need to be taken immediately after filling the tank and a second Bac-T is to be taken after 24 hours. The tank is to remain off line until the results pass California drinking water standards: Absent for coliform bacteria and E. coli, and HPCs less than 500 CFU per mL. Should the Bac-T test fail, the Contractor will be responsible for reimbursing the District for the rejected and drained water and will be required to rechlorinate the reservoir as described above until the Bac-T tests are negative.

3.10 TESTING FOR VOLATILE ORGANIC COMPOUNDS (VOC'S) AND ODOR

A. VOC samples are to be taken for information only as a precautionary measure,

as long as the coatings are NSF 61 approved, to be sure that there are no high levels of VOCs leaching into the tank. To monitor the presence of VOC's leached into the water from the coating process, the following procedure shall be utilized:

1. After satisfactory curing, the tank shall be filled by District in accordance with standard filling procedure. Water shall then be retained for a period of 5 days.
 2. On the sixth day following completion of filling of tank, samples of water shall be removed by District, in accordance with latest Health Department memoranda. Samples shall then be forwarded, by District, to an approved test laboratory for testing to determine presence of VOC's.
 3. After testing of samples, results must show levels of leached organics to be in accordance with levels established by the Health Department for various VOC's. Results will be verified by Health Department and tank will then be placed into operating service.
 4. If levels of leached organics exceed those acceptable to the Health Department, the tank shall be drained, flushed, refilled and retested at the Contractor's expense. Failure of the tank to attain levels acceptable to the Health Department shall be the responsibility of the Contractor and remedial measures to attain such levels shall be at his sole expense.
 5. If leached organics produce any taste and odor objectionable to consumers of the water from the tank, the tank shall be drained, recleaned, flushed, refilled and retested at the Contractor's expense. Failure of the tank to be taste and odor-free shall be the responsibility of the Contractor and remedial measures to attain such a condition shall be at his sole expense.
- B. Contractor shall arrange for physical samples be taken and sent to lab for odor analysis. A passing odor of 3 TON or less will indicate consumer acceptance.

3.11 CLEANUP

- A. Upon completion of the work, all staging, scaffolding and containers shall be removed from the site or destroyed in a manner approved by the Engineer. Coating, paint and thinner containers, and excess coatings, paints and thinners, shall be disposed of in conformance to current regulations. Coating or paint spots upon adjacent surfaces shall be removed and the entire jobsite cleaned.

END OF SECTION 09873

SECTION 13311
WELDED STEEL TANKS FOR WATER STORAGE

PART 1 - GENERAL

1.1 REQUIREMENT

Under these specifications the Contractor shall be required to design, furnish, deliver, erect, and paint a welded steel tank with a steel roof and concrete foundation ring which includes all appurtenances hereinafter described in these specifications, at the time and within the time as designated in the Notice Inviting Bids of the specification. When reference is made to other than District specifications, the latest revision shall be used. Tank painting shall be accomplished in accordance with District Specification Section 09873 unless otherwise specified. The contractor shall design an automatically controlled impressed-current cathodic protection system in accordance with AWWA D104.

1.2 QUALITY ASSURANCE

All materials and articles furnished by the Contractor and used for permanent installation in the work shall be new and shall conform to the respective specifications or brands herein designated and in the event the materials are not specified in detail in these specifications, the materials shall conform to the best standard construction practice as determined by the Engineer. All materials furnished shall be subject to rigid inspection and no material shall be used in the work until it has been inspected and accepted by the Engineer.

1.3 SUBMITTALS

After award of the contract and prior to any construction, the Contractor shall furnish a complete set of design drawings (including fabrication and shop drawings) that shows the tank configuration on the site which Contractor proposes to erect, including tank diameter, height, and roof type. The Contractor shall furnish the required drawings of the tank foundation for construction, and all fabrication drawings of the tank and appurtenances, and all equipment data, for approval by the Engineer. Design calculations for the tank foundation, the tank, shell, tank roof, tank structural system (including seismic analysis), tank overflow, tank vent, and all related tank appurtenances shall also be submitted for approval.

The Contractor shall furnish certified copies of reports of tests or analyses of any of the materials used in the work and in accordance with applicable specifications for the material as provided in these specifications. All certificates shall be furnished and all tests and analyses required in connection therewith shall be made at the expense of the Contractor.

The Contractor shall furnish to the Engineer, as soon as issued, duplicate copies of all orders placed outside the Contractor's plant for articles or materials to be furnished by the Contractor for incorporation in the work. Said orders in all cases shall carry a notation to the effect that the articles and materials are subject to inspection and acceptance by the District, said inspection to be both during manufacture and after delivery at the site of the work. The Contractor shall also furnish the Engineer with such additional information as reasonably may be required regarding the character of the materials and the progress of their procurement.

PART 2 - PRODUCTS

2.1 TANK FOUNDATION RING

Unless specified otherwise, the Contractor shall design and construct the tank foundation ring to meet the requirements of these specifications. The tank foundation ring shall be a minimum of 3 feet in width with a minimum of 1½ feet outside the tank shell and shall extend a minimum of 18-inches below grade.

The ringwall shall be fitted crack control joints at 15 feet on centers. A ½ inch cane fiber pad shall be placed between the ringwall and tank floor surface.

A 6-inch layer of 1/2" clean crushed rock shall be place under tank within the confines of the ringwall.

2.2 TANK

The materials, design, fabrication, erection, and testing of the welded steel tank shall be in accordance with the latest revision of AWWA D-100, and/or AWWA D-100 Appendix C. The tank shall be designed for seismic loading in accordance with AWWA D-100, unless greater value is specified in the Special Conditions. Steel plate shall be in accordance with Table C-1, Appendix C. The tank roof support shall be of steel beams, and column(s) of steel pipe. Vent(s) shall be permitted only in the roof except as required in these detailed provisions.

The tank shall be of height and minimum net storage capacity as shown on the contract documents. A one (1)-foot encroachment into the knuckle of the roof is permitted for storage capacity. It is the intention in these specifications to afford the District the opportunity of utilizing Contractor's standard size tanks. In providing the required storage capacity, storage below the inlet-outlet pipe extension must be disregarded.

2.3 ACCESSORIES

The following items shall be furnished with each tank and fabricated in accordance with the applicable sections of the latest revision of the specifications stated herein:

- A. Shell Manhole. Hinged 30" diameter per AWWA Spec. D-100.

- B. Flush-Cleanout. Appropriately sized, opposite shell manhole.
- C. Overflow Outlet. Minimum design capacity shall be determined by the Contractor.
- D. Stairway to Roof. As per OSHA standards, extending from top of tank to the ground with 1:1 maximum slope and slip resistant treads. Stairway shall be painted in accordance with exterior tank coating specifications.
- E. Inside Tank Ladder. Per EMWD Standard Drawing A-415, extending 8-inches from bottom of tank to the roof with stainless steel center safety rail for harness attachment. The safety rail shall be secured to ladder with all stainless steel hardware and fasteners, but shall be cathodically isolated from ladder using dielectric isolation film suitable for submergence. One complete safety belt assembly shall be supplied to the District with each tank having the safety climb rail feature. All rungs of the ladder shall have full welds on both sides of the rails.
- F. Roof Hatch. As per AWWA Spec. D-100.
- G. Roof Vent. A circular-shaped roof vent shall be located at the center of the roof of the tank in accordance with AWWA D-100, Section 7.7. The vent opening shall have a capacity to pass air at a rate so that water entering or leaving the tank will not develop excessive pressure. The vent opening shall be screened to protect against insects. The screen shall be made of 16 x 18 mesh fiberglass wire cloth and secured to the vent structure by tensioned stainless steel bands. The screen shall not be mounted until after the final tank coatings have been applied.
- H. Tank Inlet-Outlet. It shall be designed to not only support the weight of AWWA C-504 Butterfly Valve and its hydraulic operator, but also to allow for the valve to move with the tank shell and prevent tank shell rupturing during seismic movement of the tank shell. Shell reinforcement surrounding the inlet- outlet nozzle shall also provide for thrust towards the tank due to hydrostatic test pressure of no less than 50 p.s.i. exerted against the inlet-outlet butterfly valve.

2.4 TANK DETAILS AND MATERIALS

- A. The design metal temperature shall be 20° F.
- B. The shell plate shall not underrun the calculated thickness of the course in question.
- C. Manual arc-welding electrodes shall conform to the latest requirements of AWS-

ASTM Spec. No. 233 or 316, whichever is applicable and shall be suitable for the electric characteristics, the position of welding, and other conditions of intended use.

- D. Reinforcing plates or insert reinforcement of penetrations shall be of the same material as the shell plate to which they are attached.
- E. All permanent attachments welded to shell plates, regardless of size, shall be of material having an allowable design stress not lower than the calculated shell stress at the level of attachment.
- F. The material for the stairway, platforms, safety cage, floor plates, roof plates, and roof accessories shall conform to ASTM Designation A-36.
- G. Automatically controlled impressed-current cathodic protection system in accordance with AWWA D104.

PART 3 - EXECUTION

3.1 COMPLIANCE WITH REGULATIONS

The Contractor shall familiarize himself and comply with all applicable state, county, and municipal rules and regulations pertaining to sanitation, fire protection, barriers, warning lights and signs, and with forced-ventilation requirements for coatings application and curing.

3.2 TANK ERECTION

The tank and foundation ring specified under "PART 2 - PRODUCTS" shall be erected in accordance with the provisions of the AWWA Specification, the Special Conditions, and approved submittals.

Cane-fiber joint filler meeting the requirements of ASTM D-1751 shall be placed between the tank floor and the concrete ringwall (see AWWA D-100 Section 12.6.1.1b). The tolerances for the ringwall shall be in accordance with Section 12.6.2 of AWWA specifications.

Automatically controlled impressed-current cathodic protection system shall be installed in accordance with AWWA D104.

3.3 FIELD WELDING PROCEDURES

All field welding shall be performed in accordance with the American Welding Society Standards by a certified welder. The welders used shall be certified in accordance with AWS 010.9-80 for level AR-1 and shall be qualified in the 2G and 5G positions or the 6G position.

The following electrodes shall be utilized for tank materials, as appropriate:

Electrode Type To Be Used

Tank Material	Electrode No.
Mild (Carbon) Steel Copper Bearing Steel	E-6011 or E-7018 E-6011 or E-7018
Low Alloy Steel (ASTM A 242 or equivalent)	E-7018
Stainless Steel (Type 304L)	E-308L-16
Stainless Steel (Type 316L)	E-316L-16

Depending on wall thickness, the following electrode sizes shall apply:

Electrode Size To Be Used

Wall Thickness	Electrode Size
1/8-inch 3/16- to 1/4-inch	1/8 inch 5/32- to 3/16-inch
Over 1/4-inch	3/16- to 1/4-inch

3.4 VACUUM TESTING

After erection of the tank but before leak testing and disinfection, all joints in the tank bottom shall be vacuum tested per the procedures outlined in AWWA D-100.

3.5 LEAK TESTING

After erection of the tank but before leak testing and disinfection, all joints in the tank bottom shall be vacuum tested per the procedures outlined in AWWA D-100.3.04. Following the manufacturer's recommended period of curing for the interior coating, the tank shall be washed and disinfected. The tank shall then be filled and checked for leakage. For District contracts, water will be supplied by the District.

3.6 TOXIC MATERIALS

Toxic materials including lead, chromates, and mercury are not permitted. Any materials or coatings containing carcinogens or toxins that require special hazardous waste treatment or disposal are not to be used.

3.7 CLEANING UP DURING CONSTRUCTION

The Contractor shall keep the premises occupied by him in a neat and clean condition, and free from unsightly accumulation of rubbish. Upon completion of the work and before the final

estimate is submitted, the Contractor shall, at his own cost and expense, satisfactorily dispose of or remove from the vicinity of the work all plants, buildings, rubbish, unused materials, concrete forms, and other equipment and materials belonging to him or used under his direction during the construction, and in the event of his failure to do so, the same may be removed and disposed of by the District at the Contractor's expense.

END OF SECTION 13311

SECTION 25130: SURFACE APPURTENANCES

1.0 GENERAL

1.1 SCOPE

Contractor shall furnish and install all surface construction devices and elements per version of the Plumbing Code adopted by Riverside County and referenced standards below, including check valve, sample spigot, disinfection pipe, flow meter, air-relief vent and an approved backflow prevention assembly. At own discretion, Contractor may salvage and reinstall any of the system's existing surface construction devices. Contractor shall connect the new well's discharge pipe to the existing water pressure tank. This section includes flexible gasketed sleeve-type compression pipe couplings, air gaps, check valves and gate valves for steel pipes. Not all couplings identified in this section are necessarily required.

1.2 REFERENCES

ANSI B16.1	Cast Iron Pipe Flanges and Flanged Fittings Class 25, 125, 250, and 800
ANSI B16.5	Pipe Flanges and Flanged Fittings
ASTM A36	Standard Specification for Carbon Structural Steel
ASTM A47	Standard Specification for Ferritic Malleable Iron Castings
ASTM A53	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A108	Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished
ASTM A126	Standard Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings
ASTM A193	Standard Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service
ASTM A194	Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both
ASTM A276	Standard Specification for Stainless Steel Bars and Shapes
ASTM A283	Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates
ASTM A285	Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength
ASTM A307	Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength
ASTM A510	Standard Specification for General Requirements for Wire Rods and Course Round Wire, Carbon Steel
ASTM A512	Standard Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing

ASTM A536	Standard Specification for Ductile Iron Castings
ASTM B16	Standard Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines
ASTM B62	Standard Specification for Composition Bronze or Ounce Metal Castings
ASTM D429	Standard Test Methods for Rubber Property-Adhesion to Rigid Substrates
ASTM D2000	Standard Classification System for Rubber Products in Automotive Applications
AWWA C105	American National Standard for Polyethylene encasement for Ductile-Iron Pipe Systems
AWWA C110	American National Standard for Ductile-Iron and Gray-Iron Fittings for Water
AWWA C153	Ductile-Iron Pipe and Fittings
AWWA C210	Liquid-Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines
AWWA C213	Fusion Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines
AWWA C509	Resilient Seated Gate Valves for Water Supply Service
AWWA C550	Protective Interior Coatings for Valves and Hydrants
AWWA C606	Grooved and Shouldered Joints
AWWA M11	Steel Water Pipe: A Guide for Design and Installation
NSF/ANSI 61	Drinking Water System Components

1.03 **SUBMITTALS**

- A. Submit manufacturer's catalog data for each coupling, adaptor, gate valve, or other appurtenance. Include manufacturer's model or figure number for each type of coupling or joint for each type of pipe material for which couplings are used.
- B. Show materials of construction by ASTM reference and grade. Show coatings and provide dimensions.
- C. Submit installation instructions including manufacturer's recommended torques to which the coupling bolts shall be tightened.

2.0 **MATERIALS**

All materials which come in contact with potable water shall meet NSF 61 standards.

2.1 **STEEL FLEXIBLE PIPE COUPLINGS**

- A. Steel couplings shall have middle rings made of steel conforming to ASTM A36,

A53 (Type E or S), or A512 having a minimum yield strength of 30,000 psi. Follower rings shall be malleable iron (ASTM A47, Grade 32510), ductile iron (ASTM A536), or steel (ASTM A108, Grade 1018, or ASTM A510, Grades 1018 or 1021). Minimum middle ring length shall be 5 inches for pipe sizes 3/4 inch through 4-1/2 inches, and 7 inches for pipe sizes 5 inches through 24 inches.

- B. Sleeve bolts shall have a minimum yield strength of 40,000 psi and an ultimate strength of 60,000 psi. Nuts and bolts shall be 316 Series stainless steel, regardless of location.
- C. Steel follower rings shall be cast, forged, or hot rolled in one piece. Do not use rings fabricated from two or more shapes.
- D. Wall thickness of sleeve shall be at least that for the existing size of pipe in which the coupling is to be used.

2.2 FLEXIBLE PIPE COUPLINGS FOR PLAIN END STEEL PIPE

- A. Flexible pipe couplings for steel pipe shall be steel, Dresser Style 38, Smith- Blair Type 411, Romac Style 400, Baker Series 200, or approved equivalent.

2.3 FLANGED COUPLING-ADAPTERS FOR STEEL PIPE

Flanged coupling adapters for steel pipe shall be steel: Dresser Style 128, Smith-Blair Type 913, Romac FC400, Baker 602, or approved equivalent. Flange ends shall match the flange of the connecting pipe.

2.4 AIR GAP

Contractor shall furnish and install air gap connection.

2.5 GATE VALVES

- A. Valves shall be in conformance with AWWA C509, unless noted otherwise.
- B. Valves shall be complete with operating handwheels, levers, chainwheels, pipe stands, gear actuators, operating nuts, chains, and wrenches required for operation. Valves shall have the name of the manufacturer and the size of the valve cast or molded onto the valve body or bonnet or shown on a permanently attached plate.
- C. Provide open stem and yoke operator with handwheel. Minimum handwheel diameter shall be 12 inches. Valve operators shall open by turning counterclockwise.

- D. Contractor to coordinate the drilling pattern between flanges. Gaskets, bolts, nuts, and washers for flanged valves shall be in accordance with the requirements for the adjacent pipe.
- E. Pressure Rating: Gate valves shall be resilient-seated gate valves with a minimum rated working pressure of 200 psi. Valve shall be bubble tight at the rated working pressure.
- F. General: Valve shall have a smooth unobstructed waterway free from any pockets that would allow sediments to gather.
- G. Valve Bodies, Operating Nuts, Bonnet, Seal: Cast iron ASTM A126 class B or ductile iron ASTM A536, grade 65-45-12.
- H. Valve Ends: Furnish valve with flanged ends. Flanged ends shall be class 125, ANSI B16.1.
- I. Valve Wedge: Cast iron ASTM A126, class B or Ductile iron ASTM A536, Grade 65-45-12 with Buna N rubber encapsulation, ASTM D2000.
- J. Valve Stems: Brass ASTM B16 or Bronze ASTM B62. Stem guide shall be made of materials that will not bind with the stem.
- K. Stem Seals: Synthetic rubber ASTM D2000, O-ring seal type with three rings located in stem.
- L. Bonnet and Seal Nuts and Bolts:
Above ground installations – cadmium plated carbon steel ASTM A307, Grade B cadmium plated or stainless steel A193 and A194, Type 316 Grade B8 or Grade 8.
- M. Bronze Parts: All internal working parts (unless otherwise noted above) shall be all bronze containing not more than 2 percent aluminum or more than 5 percent zinc.
- N. All internal and external ferrous surfaces of the valve body and bonnet shall have a fusion bonded epoxy coating, a minimum of 8 mils Dry Film Thickness, in compliance with AWWA C550, applied electrostatically by the manufacturer prior to assembly.
- O. Finish coat valves located above ground in the field in accordance with “Painting and Coating” subsection of this Specification, below. Finish coat shall match the color of the adjacent piping. Coat handwheels the same as valves.
- P. Acceptable valve manufacturers: American Flow Control, Mueller, or

approved equal.

2.6 PIPE SUPPORTS

Contractor shall provide supports for all valves and tees and elevated pipe.

2.7 BOLTS, NUTS AND WASHERS

Bolts and nuts for above ground applications shall be Type 304 stainless steel. Fit shall be classes 2A and 2B per ANSI B1.1 when connecting to valves with body bolt holes.

3.0 METHODS

3.1 INSTALLATION OF FLEXIBLE PIPE COUPLINGS

- A. Clean oil, scale, rust, and dirt from pipe ends. Clean gaskets in flexible pipe couplings before installing.
- B. Lubricate bolt threads with graphite and oil prior to installation.

3.2 PAINTING AND COATING

- A. Coat flexible pipe couplings, transition couplings, and flanged coupling adapters located indoors, in vaults and structures, and above ground with the same coating system as specified for the adjacent pipe. Prime coat shall be applied at the factory. Color shall match the color of the connecting pipe.
- B. Line flexible pipe couplings with 12-mils fusion bonded epoxy.

END OF SECTION 25130

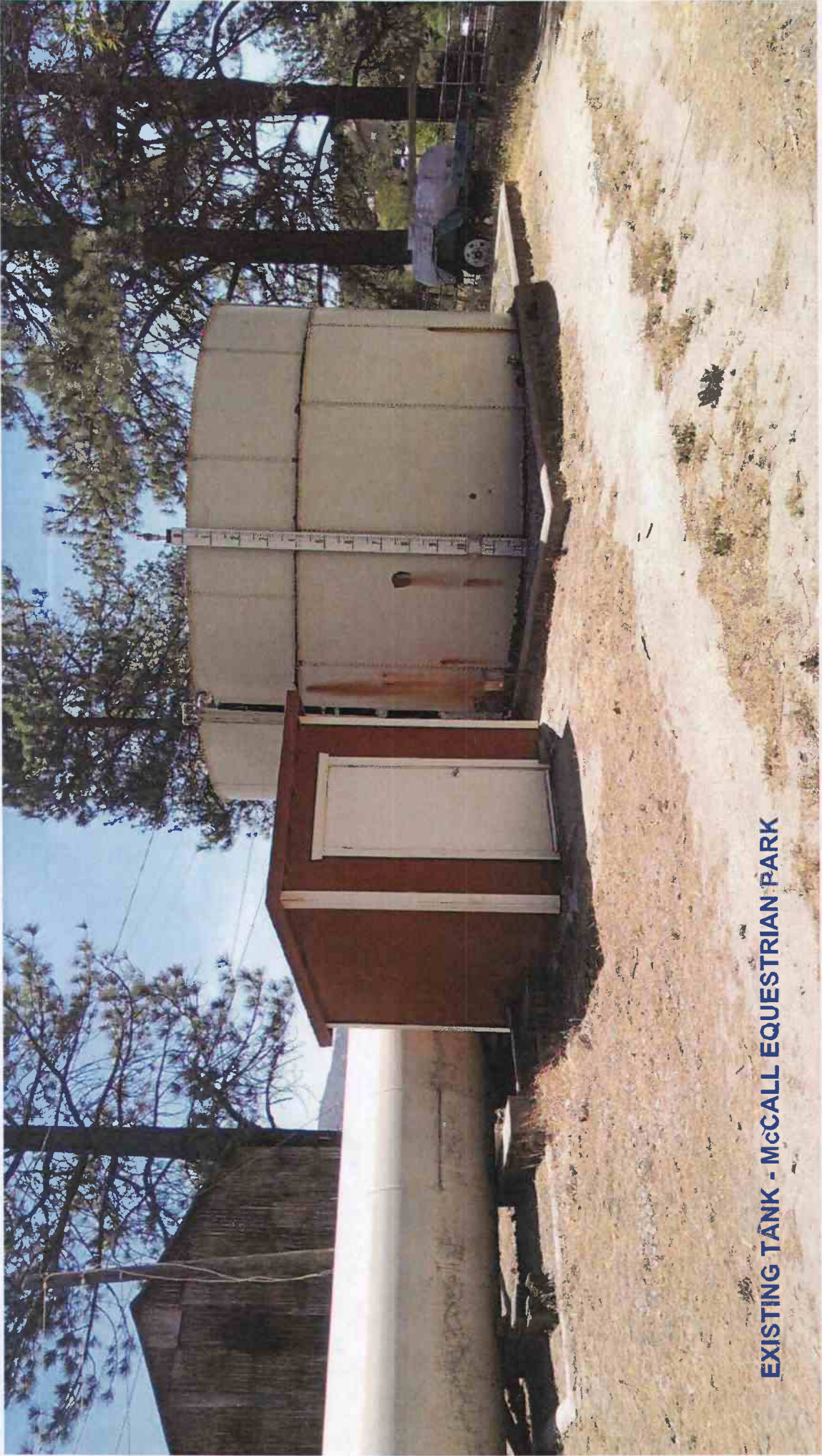
END OF TECHNICAL SPECIFICATIONS



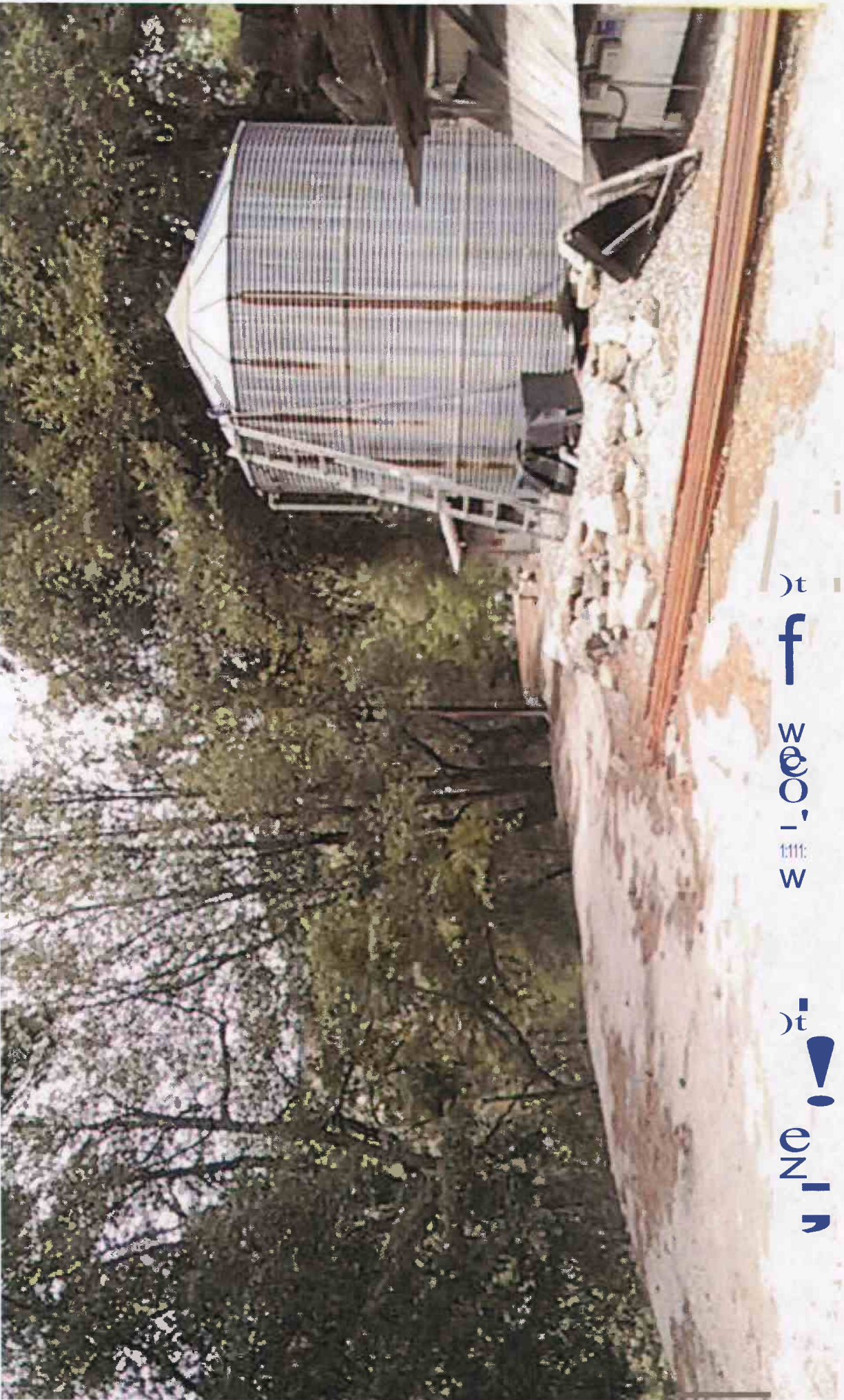
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**LAWLER LODGE PARK
SITE MAP**

EXISTING TANKS PHOTOS



EXISTING TANK - McCALL EQUESTRIAN PARK



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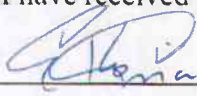
**COUNTY OF RIVERSIDE
PARKS AND OPEN SPACE DISTRICT
Lake Skinner Recreation Area Splash Pad Expansion
RFP #PKARC-216**



**ADDENDUM NO. 1
August, 30 2016**

CERTIFICATION OF RECEIPT OF ADDENDUM

I certify that I have received this addendum on behalf of the company listed below.

Signed:  Dated: October 5, 2016

Name and title: Edward Kocina, President

Company: Premier Tank, Inc

ADDENDUM NO. 1
TO RFP #PKARC-222

1.0 This addendum is considered to be part of the Request for Bid (RFB). All other terms of the RFB remain unchanged and in effect. This addendum is intended to provide additional information and/or to change requirements in the above referenced RFB. Any information contained herein will be considered part of the RFB and as such will be used in the evaluation of the bid responses. Attention all potential bidders, if you have already submitted your proposal prior to the bid closing date, please review this addendum and re-submit your bid response, should this addendum modify your initial bid response.

2.0 To verify that all Vendors have received a copy of this addendum, please sign the cover page of this addendum and return it with your Bid to:

Riverside County Parks and
Open-Space District
Attn: RFB# PKARC-222
4600 Crestmore RD
Jurupa Valley, CA 92509

Email:MBMunoz@RivCoParks.org
Fax: 951-955-4726

3.0 Answers to questions:

The information in this addendum is solely the result of questions asked at the mandatory pre-bid meeting.

McCall Park:

1. Are the tanks to be field or shop built?
Answer – **Shop Built is the most preferred solution – at McCall we would prefer to have two 15,000 gallon shop tanks – see revised bid summary (part 2c) either bid on one 30,000 gallon tank or two 15,000 gallon tanks connected in series.**
2. Field built may have weather and temp. constraints for the application of the NSF coating material. The belief is field built tanks would require an enclosure to hold sufficient heat for the interior NSF coating of the tanks.
Answer – **If vendor proposes a field built tank, they should be able to heat the tank from the inside during the build.**
3. Could the size of the 30,000 gallon tank be reduced to a 20,000 gallons with free board space it would hold approximately 18,000 Gallons? This tank can also be shop build.
Answer – **No, we will need 30,000 gallons of water usable per Cal Fire.**

Lawler Lodge

1. The power lines appear to be within 15 feet of the tank top. It was suggested there was an issue. Could we just have SCE pull the fuse on the transformer to kill power while the contractor is installing the tank? **This is an onsite line and SCE will work with contractor to clear their line. Just require contractor to notify/coordinate his or her work with SCE**
2. The exterior edge rock edging surrounding the gravel base is crumbling. Can we install a new gravel ring 18' in diameter and 14" deep to reinforce the edge?
We require a concrete ring. Gravel should extend 3' outside the tank. That will make it 20' dia (3+14+3). This is too wide.

4.0 Changes to Bid Schedule

BASE BID SCHEDULE-REVISED

SEE NEXT PAGE FOR SCHEDULE

Premier Tank Inc.

County of Riverside
Parks and Open Space District

Request for Proposal # PKARC-222 Addendum No. 1
Closing Date: 10/06/2016 on or before 2:00 P.M.

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2+Line 3)	5%	----	----	\$ 8,705.00
MCCALL PARK TANK:					
2a	Demolition & Salvage of Existing Tank and Associated Equipment (Specs Section 02050)	L.S.	1	----	\$ 8,142.00
2b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$ 13,593.00
2c	Install <u>One 30,000 gallon Welded Steel Tank or Two 15,000 gallon Welded Steel Tanks (Circle One)</u> for Potable Water Storage- Complete System. (Specs Section 13311)	L.S.	1	----	\$ 53,644.00
2d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	----	\$ 20,326.00
2e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	----	\$ 3,864.00
2	Sub-Total for MCCALL PARK TANK (Items 2a +2b +2c +2d +2e)				\$ 99,569.00
LAWLER LODGE PARK :					
3a	Demolition & Salvage of Existing Tank and Associated Equipment (Specs Section 02050)	L.S.	1	----	\$ 8,142.00
3b	Tank Site Preparation & Construction of Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	----	\$ 10,970.00
3c	Install <u>14' Diameter, 12,000 gallon</u> Welded Steel Tanks for Potable Water Storage- Complete System. (Specs Section 13311)	L.S.	1	----	\$ 37,927.00
3d	Interior Coating, Disinfection & Exterior Painting (Specs Section 09873)	L.S.	1	----	\$ 13,619.00
3e	Install Surface Appurtenances (Specs Section 25130)	L.S.	1	----	\$ 3,864.00
3	Sub-Total for LAWLER LODGE PARK (Items 3a +3b +3c +3d +3e)				\$ 74,522.00
BASE BID TOTAL (Lines 1+2+3)					\$ 182,796.00

ALTERNATE BID SCHEDULE

Item	Item Description	Unit	Est. Qty	Unit Cost	Cost
1[Alt]	MOBILIZATION: Bonds, Insurance, Project Schedule, Submittals, Approved Design Calculations and Construction/Shop Drawings, and Pre-Construction Video Recording (5% of Line 2[Alt]+Line 3[Alt])	5%	----	----	\$ 7,785.00
MCCALL PARK TANK:					
2b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	---	\$ 3,404.00
2[Alt]	Sub-Total for MCCALL PARK TANK (Item 2b[Alt] + Base Bid Items 2a+2c+2d+2e)				\$ 89,380.00
LAWLER LODGE PARK :					
3b[Alt]	Tank Site Preparation, <u>without</u> Concrete Base Ring (Specs Sections 02205 & 13311)	L.S.	1	---	\$ 2,714.00
3[Alt]	Sub-Total for LAWLER LODGE PARK (Item 3b[Alt] + Base Bid Items 3a+3c+3d+3e)				\$ 66,266.00
ALTERNATE BID TOTAL (Lines 1[Alt] + 2[Alt] + 3[Alt])					\$ 163,431.00

MINUTES OF THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



13-1D

On motion of Supervisor Ashley, seconded by Supervisor Jeffries and duly carried, IT WAS ORDERED that the recommendation from Regional Park & Open Space District regarding Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California – Approve Contract Documents and Award of Contract; CEQA Exempt; District 3, is continued to Tuesday, January 10, 2017 at 9:00 a.m.

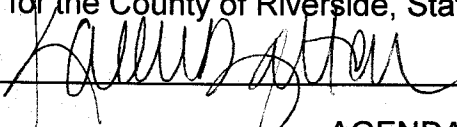
Roll Call:

Ayes: Jeffries, Tavaglione, Washington and Ashley
Nays: None
Absent: Benoit

I hereby certify that the foregoing is a full true, and correct copy of an order made and entered on December 13, 2016 of Supervisors Minutes.

WITNESS my hand and the seal of the Board of Supervisors
Dated: December 13, 2016
Kecia Harper-Ihem, Clerk of the Board of Supervisors, in
and for the County of Riverside, State of California.

(seal)

By:  Deputy

AGENDA NO.
13-1D

xc: Parks, COB



**SUBMITTAL TO THE BOARD OF DIRECTORS
RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM
13.1
(ID # 2934)**

MEETING DATE:

Tuesday, December 13, 2016

FROM : REGIONAL PARK & OPEN SPACE DISTRICT:

SUBJECT: REGIONAL PARK & OPEN SPACE DISTRICT: Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California – Approve Contract Documents and Award of Contract; CEQA Exempt; District 3; [District CIP Fund 33100 \$ 182,796]

RECOMMENDED MOTION: That the Board of Directors:

1. Find that the Project is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Sections 15302©, Replacement and 15061(b)(3);
2. Approve the Contract Documents, including the plans and specifications and the general conditions for the Two Water Tanks Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California and the Project;
3. Approve Addendum No. 1 to bid documents issued prior the October 5, 2016 bid opening; and
4. Accept the low bid submitted by Premier Tank Inc. of Norwalk California in the amount of \$182,796;
5. Award the contract to Premier Tank Inc. and authorize the Chairman of the Board of Directors for the District to execute the contract documents; and
6. Direct the Clerk of the Board to file the Notice of Exemption with the County Clerk within five working days of approval of the project by this Board.

ACTION: Policy

Scott Bangle, Director General Manager / Park Director

11/3/2016

MINUTES OF THE BOARD OF SUPERVISORS

13-1

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 182,796	\$0	\$182,796	\$0
NET COUNTY COST	\$0	\$0	\$0	\$0
SOURCE OF FUNDS: District CIP Fund 33100			Budget Adjustment:	No
			For Fiscal Year:	

C.E.O. RECOMMENDATION: [CEO use]

BACKGROUND:

Summary

The McCall and Lawler facilities are dependent upon well water to provide potable use. Each facility has a water well and a tank storage delivery system. In recent months both facilities have undergone well upgrades. McCall received a new well and Lawler a new pumping system. Although the tanks at both facilities are in excess of 40 years in age, initial inspections indicated that the tanks could provide an additional 5 years of service. When the tanks were brought back on line after the completion of the well upgrades, both developed significant leaks. Re-inspection of the tanks determined the lining deterioration was more significant than originally observed and replacement of the storage tanks is necessary to maintain operation of the current water systems at the sites.

On September 22, 2016 the District, handled through the Riverside County Purchasing Department, advertised for bids the Two Water Tank Replacement and Related Improvements Project McCall Park, Mountain Center and Lawler Lodge, Idyllwild, California. The project, when complete, will replace two aging water tanks at the District's McCall Park and Lawler Lodge facilities with like size new potable water tanks having earthquake stabilization upgrades. The project was advertised through the County Purchasing web-site as well as three (3) public plan rooms. These plan rooms include: Bid America Online Plan Room, Associated General Contractors of America San Diego Chapter, and Southern California Builders Association. One addendum was issued on August 30, 2016 and answered questions submitted from the potential bidders to provide a revised bid form sheet. Bidders were required to acknowledge and take into account issued addendum on their Bid in order to be considered for award.

A mandatory pre-bid conference was held on September 28, 2016. Four tank, drilling and pump contractors attended the meeting. During the meeting the tank locations and facilities were toured, two contractors submitted bids on October 06, 2016.

The Regional Park and Open-Space District staff have reviewed the bids. The low bid was submitted by Premier Tank Inc., Norwalk California in the base bid amount of \$182,796. The bid from Premier Tank Inc. was found to be responsive; therefore, it is

**SUBMITTAL TO THE BOARD OF DIRECTORS RIVERSIDE COUNTY REGIONAL PARK
AND OPEN-SPACE DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

recommended that the District Board award the Contract to Premier Tank, Inc. for the work in the base bid. The contractor is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents, which meet the requirements of the Contract.

The Construction Contract with exhibits has been reviewed and approved as to form by County Counsel.

Impact on Citizens and Businesses

The replacement of these tanks will provide the park users a safe dependable water system. The tanks are anticipated to provide storage capacity for the next 25 -35 years.

CEQA Compliance:

The water tank replacement is defined as a project under State CEQA guidelines. Pursuant to the California Environmental Quality Act (CEQA), the Project was reviewed and determined to be categorically exempt from CEQA under State CEQA Guidelines Section 15302©, Class 2 - Replacement and Section 15061(b)(3). The water tanks replacement work to be made at the existing McCall Park and Lawler Lodge is the replacement of an existing utility system, two existing water tanks, involving no or negligible expansion beyond that existing at this time. The new water tanks will be substantially the same size, purpose and capacity. In addition, it can be seen with certainty that there is no possibility that the activity in question will have a significant effect on the environment. The Notice of Exemption will be posted at the County Clerk's office upon approval by this Board of the project.

Contract History and Price Reasonableness

Two bids were received on October 6, 2016. One for \$249,375.00 and the second for \$182,796. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsive bid was submitted by Premier Tank Inc., in the base bid amount of \$182,796. Further analysis of the project and discussion with industry professionals by District staff has determined that the cost of the project is within industry standards.

Attachments: