



July 2, 2020

TO: LOCSD Board of Directors

FROM: Ron Munds, General Manager

SUBJECT: Agenda Item 6F – 7/02/2020 Board Meeting
Authorize a Formal Bid Process and Executing a Related Contract for the Exterior Recoating of the 10th Street Tank

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DESCRIPTION

The 10th Street tank was constructed in 1962. The last exterior recoating project of the tank was in 2011. In 2018 and 2019, two separate reports recommended the exterior of the tank be recoated to prolong its life. The recoating project was identified and approved in the 2020-21 Capital Project budget with an estimated project cost of \$65,000. This report summarizes the actions needed to move the project forward.

STAFF RECOMMENDATION

This item will be approved along with the Consent Calendar unless it is pulled by a Director for separate consideration. If so, Staff recommends that the Board adopt the following motion:

Motion: I move that the Board:

- 1. Authorize a formal bid process for the exterior recoating of the 10th Street Tank; and***
- 2. Set the date for receipt of Construction Bids as July 29, 2020; and***
- 3. Authorize the General Manager to execute the related contract if the lowest responsive bid is within the project's estimated cost of \$65,000.***
- 4. Authorize the General Manager to execute a contract with Advanced Technical Services (ATS) to provide construction quality control services for an amount not to exceed \$16,466.***

DISCUSSION

The industry standard for water storage tanks is to have interior and exterior inspections conducted on five-year cycles to provide ample time to perform remedial repairs to any identified abnormalities before they become problematic. In 2018, the District contracted with Potable Divers, Inc. (PDI) to perform the inspections, at which time their report identified several issues including the need to recoat the exterior of the tank. After many of the exterior repairs recommended in the PDI report were completed in 2019 by Superior Tank Solutions, their subsequent final report also recommended the recoating of the exterior to effectively prolong the life of the tank.

Based on the recommendations in the two reports, staff included this project in the 2020-2021 Capital Improvement Plan which was approved on June 4, 2020. The project's estimated cost for recoating the tank is \$65,000. Wallace Group has prepared the Invitation to Bid document which staff is requesting the approval of by the Board. Because of the size of the document, attached to this

report are the project plans and the table of contents of the project manual including the Invitation to Bid section. The entire project manual is available to the public upon request and on the District's website at www.losososcsd.org.

Staff is requesting the approval for the General Manager to execute the agreement with the lowest responsive bidder if the bid is within the estimated project cost of \$65,000. The bids will be reviewed by a team consisting of the General Manager, the Water Resources Crew Leader and engineers from the Wallace Group. If the lowest responsive bid is over the estimated project cost, staff will return to the Board with the results and an alternative recommended action to move the project forward.

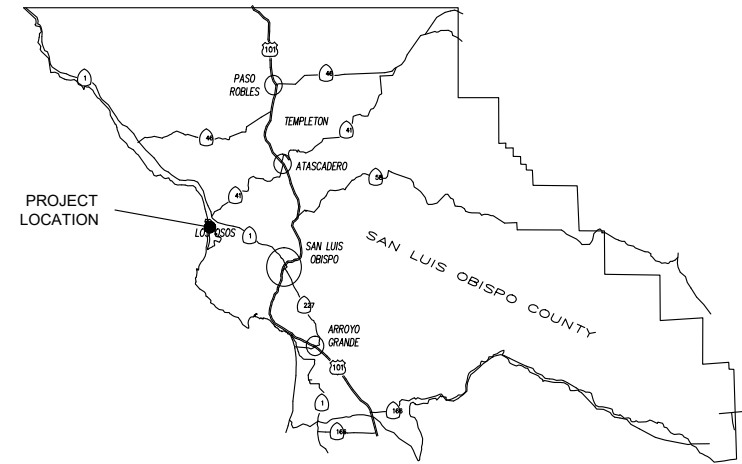
Staff is also requesting the approval to enter into a sole source agreement with ATS to provide construction quality control services for the project for an amount not to exceed \$16,466 (proposal attached). The recommendation is based on ATS's expertise and experience with the 10th Street tank which includes the design and construction inspection services for the tank rehabilitation project in 2011 and the peer review of the plan and specifications for the current project. The District Engineer concurs with this recommendation.

FINANCIAL IMPACT

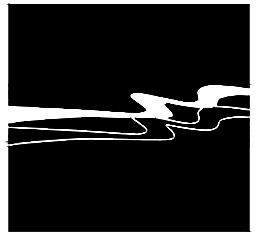
The estimated project cost for the recoating work is \$65,000. As mentioned, this project was identified in the 2020-2021 budget and Capital Improvement Project Plan which was approved by the Board on June 4, 2020. If the lowest responsive bid is over the estimated project cost, staff will return to the Board with the results and an alternative recommended action to move the project forward.

Attachment: Project Plan
Project Manual Table of Contents and Invitation to Bid
ATS Proposal

LOS OSOS CSD 10TH STREET WATER TANK RECOATING PROJECT



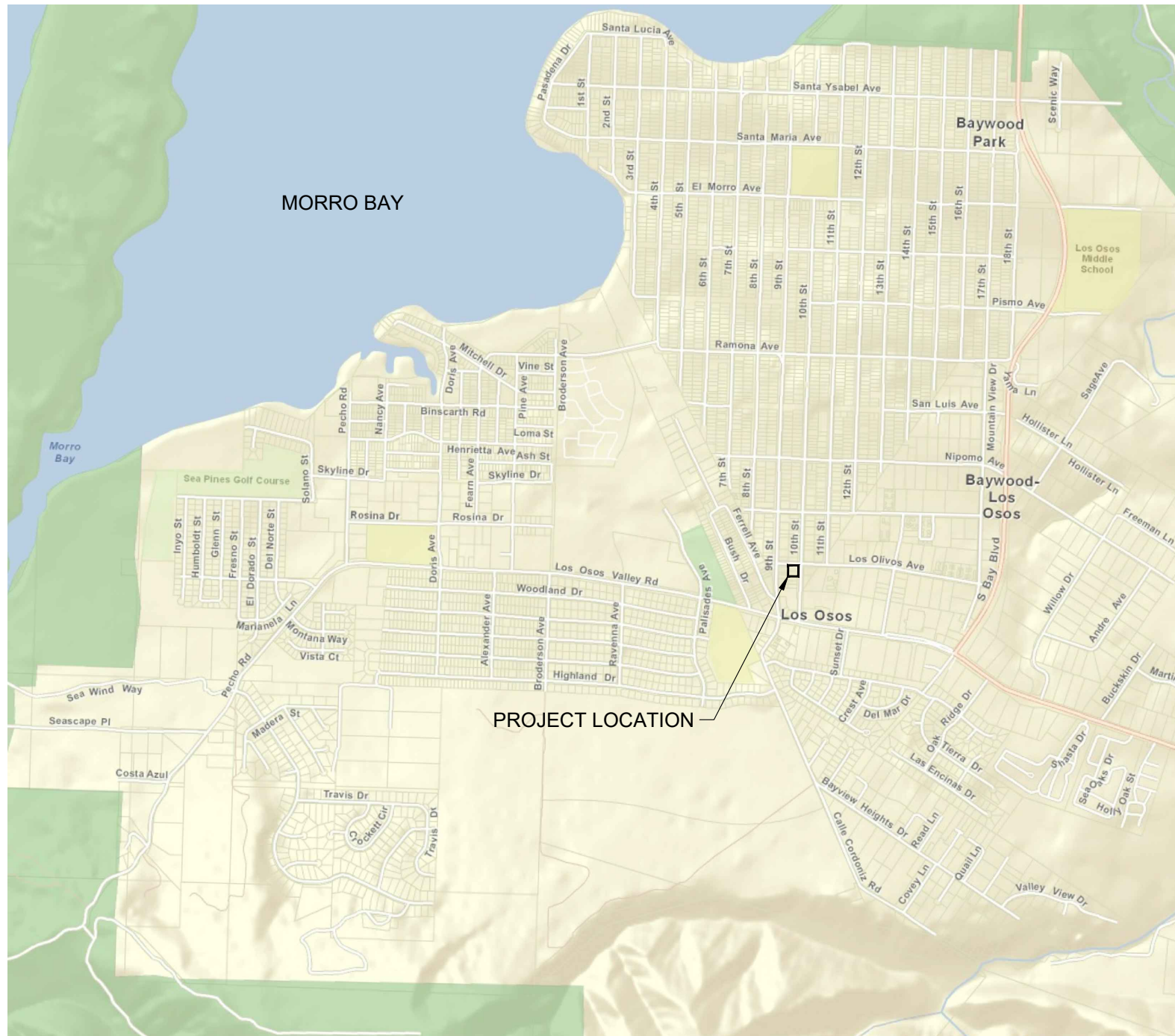
VICINITY MAP



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LOCATION MAP

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2	SITE PLAN
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5	TANK PHOTOGRAPHS 3

ABBREVIATIONS

A.C.	ASPHALT CONCRETE
CL	CHAIN LINK
D/W	DRIVEWAY
EX.	EXISTING
RET.	RETAINING
TYP.	TYPICAL
S/W	SIDEWALK

LEGEND

LEGEND-SYMBOLS	DESCRIPTION
	C/L FENCE
	RET. WALL
	AC PAVEMENT
	DETAIL OR PHOTOGRAPH TITLE Scale: 1:1
	SECTION NUMBER, SHEET NUMBER WHERE SECTION IS LOCATED
	DETAIL LETTER
	DETAIL LETTER, SHEET NUMBER WHERE DETAIL IS LOCATED

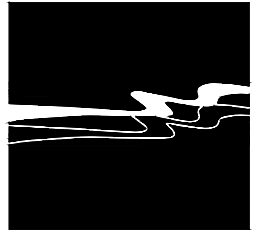
**LOS OSOS CSD
10TH STREET WATER TANK
RECOATING PROJECT
TITLESHEET**

JOB No.: 0384-0011-0500
DRAWING: 1 OF 5
DRAWN BY: MB
DATE: 6/12/2020
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Know what's below.
Call before you dig.





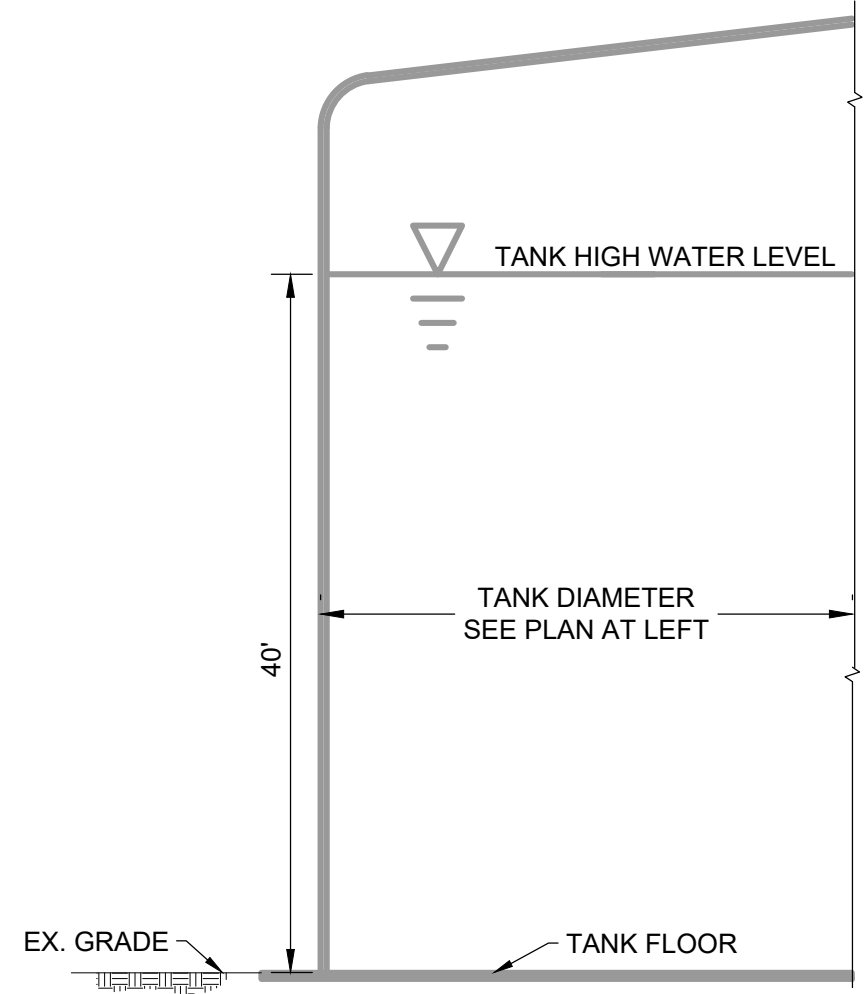
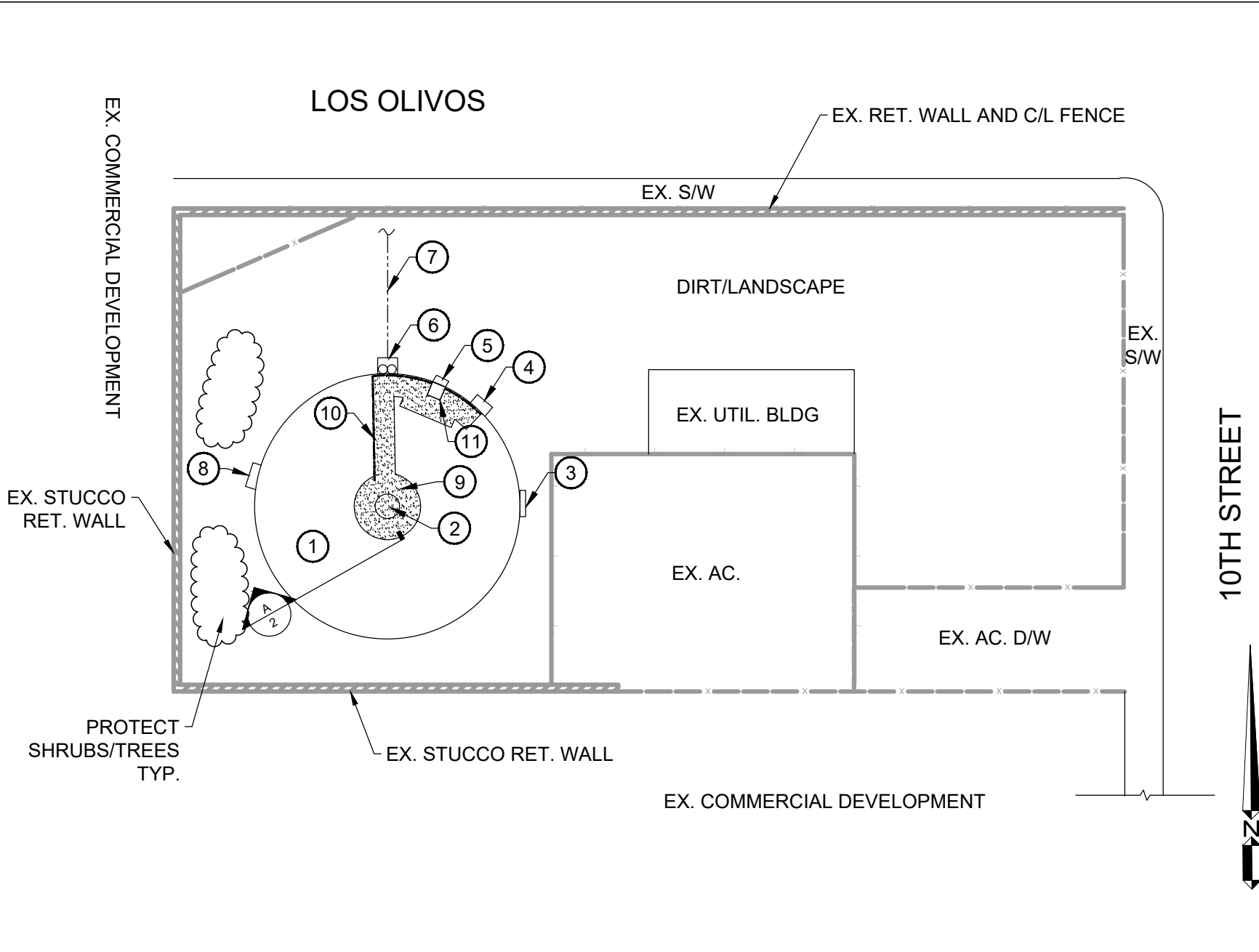
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**LOS OSOS CSD
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 RECOATING PROJECT
 SITE PLAN**

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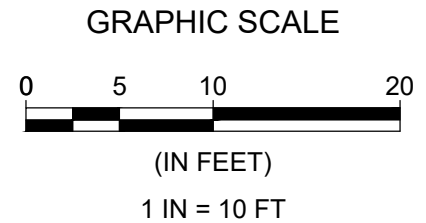
(A) TYPICAL TANK CROSS-SECTION NTS

PLAN

NOTES:

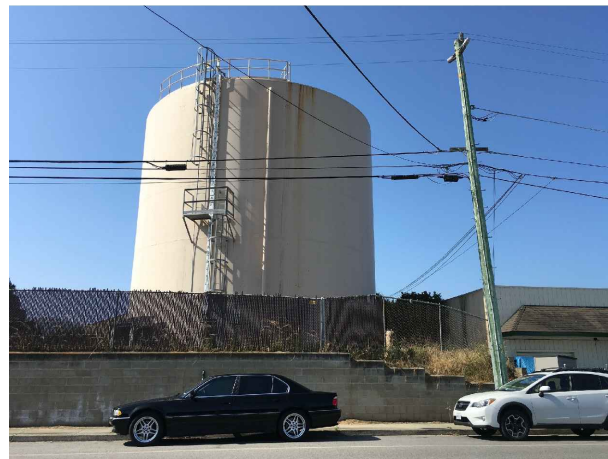
- 1. 38' DIA. 40-FOOT TALL WELDED STEEL WATER TANK.
- 2. 24" TANK VENT.
- 3. EAST MANWAY (24") AND TANK LEVEL SENSOR.
- 4. DOG HOUSE AND INLET/OUTLET PIPING.
- 5. LADDER, SITE GAGE, CATHODIC PROTECTION PANEL.
- 6. 48" SQ. DRAIN SUMP, 6" OVERFLOW PIPING, TANK DRAIN.
- 7. 6" DRAIN.
- 8. WEST MANWAY (24").
- 9. 3-FOOT WIDE NON-SLIP COATING PER SPEC. SECT. 09 97 00
- 10. TANK RAILS.
- 11. 24" X 24" TANK ACCESS HATCH.
- 12. ALL ITEMS NOTED ARE EXISTING UNLESS OTHERWISE SHOWN OR SPECIFIED

SCALE: 1"= 20'



STATEMENT OF WORK:
 RE-COAT EXTERIOR OF EXISTING POTABLE WATER STORAGE TANK PER SPEC. SECTION. 09 97 00, AND MAKE INDICATED REPAIRS PER SPEC. SECTION 33 16 13. ALSO SEE PHOTO SHEETS THAT FOLLOW FOR SPECIFIC REQUIREMENTS. POTABLE WATER STORAGE TANK SHALL REMAIN IN SERVICE WITHOUT DISRUPTION THROUGHOUT THE DURATION OF THE PROJECT.

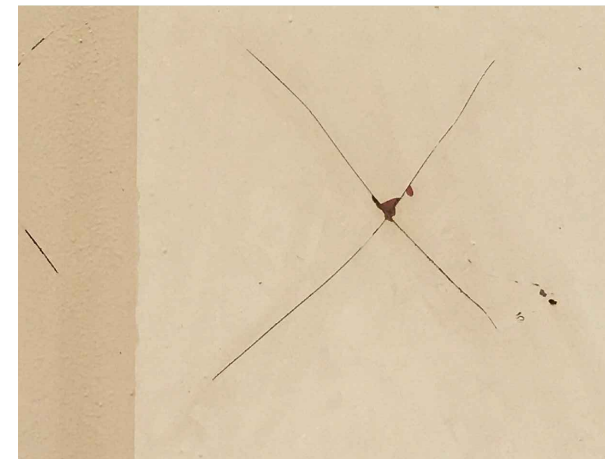
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A NORTH ELEVATION VIEW



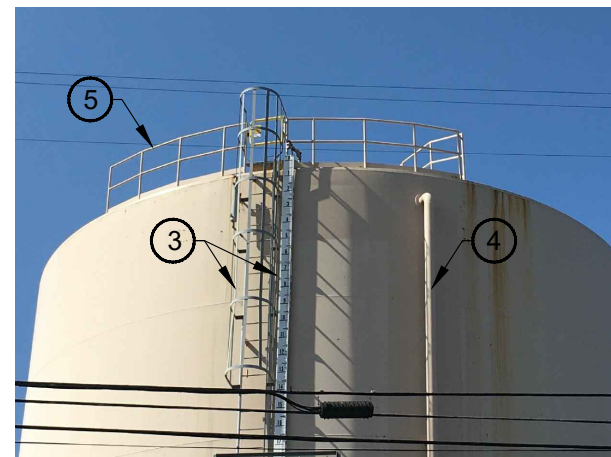
B RUST SPOT ON TANK WALL



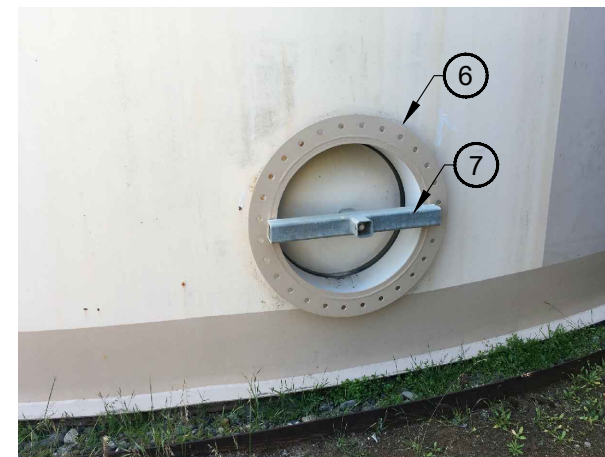
C ADHERENCE TEST EAST SIDE OF THE TANK



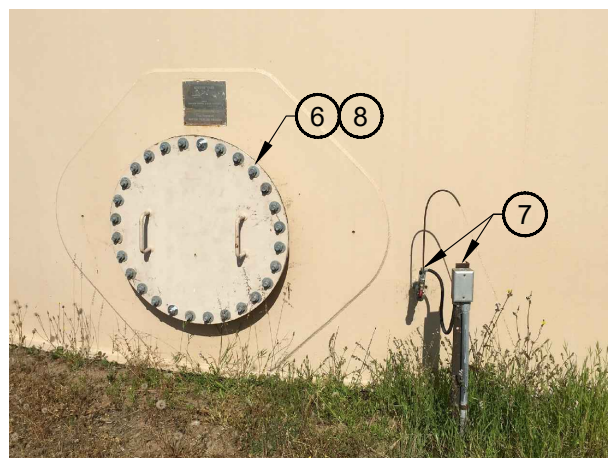
D WEST SITE PERIMETER



E UPPER NORTH TANK ELEVATION



F WEST MANWAY



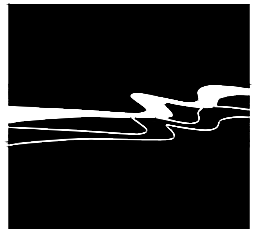
G EAST MANWAY AND LEVEL SENSOR



H CATHODIC PROTECTION PANEL

NOTES:

1. SANDBLAST TO BARE METAL RUST SPOTS PRIOR TO COATING, SEE SPECS.
2. PROTECT TREES, SHRUBS IN PLACE.
3. MASK OFF LADDER AND SIGHT GAGE, OR REMOVE AND REPLACE AS REQUIRED FOR PROPER COATING.
4. RE-COAT ENTIRE OVERFLOW LINE.
5. RE-COAT ALL RAILING.
6. RE-COAT MANWAY.
7. MASK OFF GALVANIZED METAL PARTS, AND OTHER ACCESSORIES NOT TO BE COATED.
8. COAT OVER BOLTS ACCEPTABLE.
9. REMOVE CATHODIC PROTECTION RECTIFIER PANEL AND SUPPORT COMPLETELY TO RE-COAT TANK, RESTORE/REPLACE AFTER COATING COMPLETED.
10. DO NOT COAT, PROTECT IN PLACE, MASK OFF FROM COATING.
11. COAT TANK NOZZLE TO END OF FLANGE ONLY
12. LADDER SUPPORT LEG, EASTERNMOST TAB AT TANK, SANDBLAST TO BARE METAL AND RE-COAT. WESTERNMOST TAB, REPLACE TAB WITH NEW TAB WELDED TO TANK. REPLACE GALVANIZED BOLTS IN KIND FOR BOTH SUPPORT LEGS.
13. RE-COAT TANK NOZZLE, DRAIN VALVE AND ELBOW.
14. COVER AND PROTECT EX. SUMP FROM DEBRIS AND CONTAMINATION THROUGHOUT PROJECT.
15. REMOVE TIE-OFF CABLES DURING ROOF RE-COATING, REPLACE WHEN COATING FINISHED.
16. RE-COAT TIE-OFF RUNG.
17. REPLACE EX. MESH IN CENTER VENT WITH NEW MESH TO MATCH EXISTING.
18. MASK OFF ANODE SUPPORTS.



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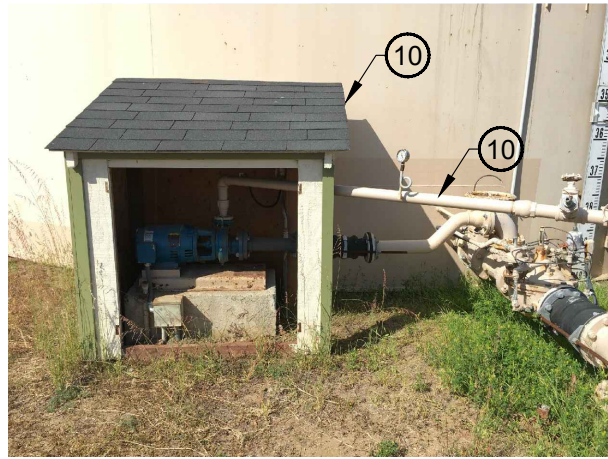
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**LOS OSOS CSD
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RECOATING PROJECT
TANK PHOTOGRAPHS 1**

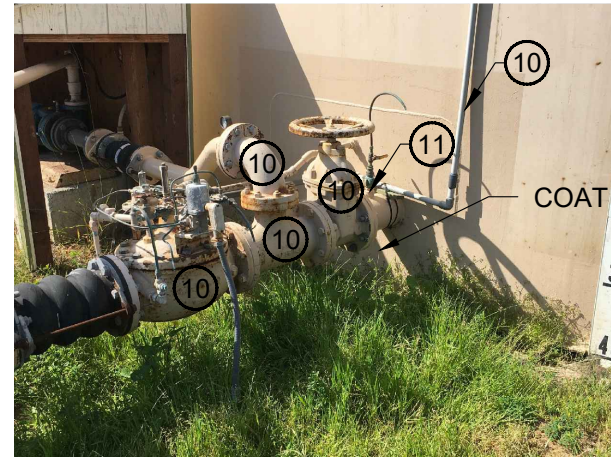
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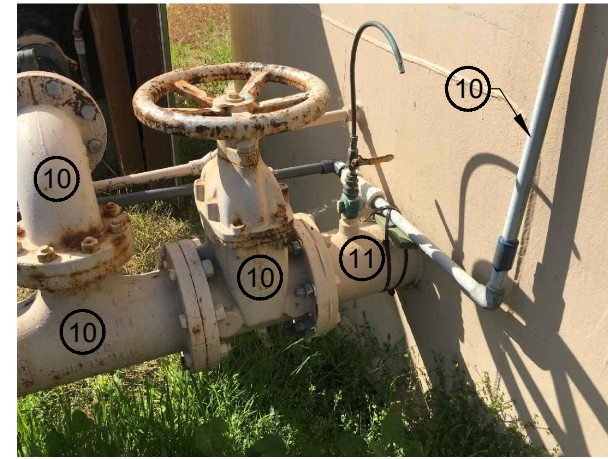
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I DOG HOUSE



J INLET/OUTLET AND ALTITUDE VALVE



K INLET/OUTLET



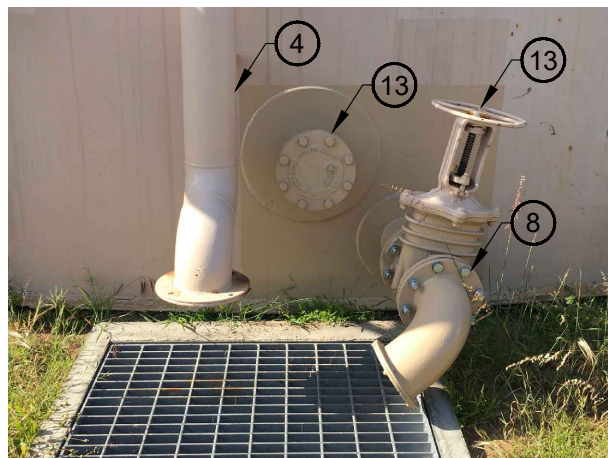
L LADDER AND SIGHT GAGE



M LADDER SUPPORT



N LADDER SUPPORT CLOSE-UP



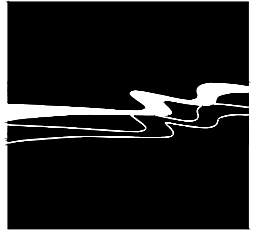
O TANK OVERFLOW, NOZZLE AND DRAIN



O 48" DIA SUMP

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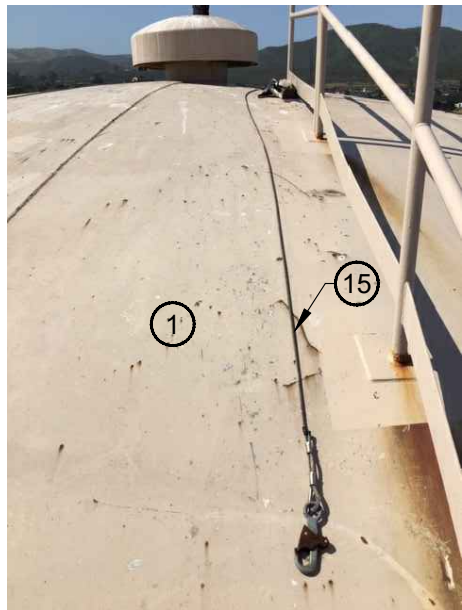
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 TANK PHOTOGRAPHS 2

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Q ROOF VIEW SOUTH



R VENT



S VIEW AND LANYARD ANCHOR



T VENT SCREEN



U RAILING AND HATCH



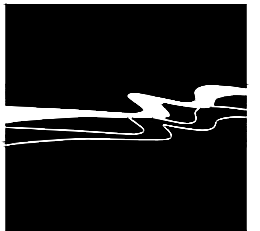
V ANODE SUPPORT



W ROOF PERIMETER

NOTES:

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PROJECT MANUAL

FOR THE

LOS OSOS COMMUNITY SERVICES DISTRICT

2122 9TH STREET

LOS OSOS, CA 93402

(805) 528-9370

10TH STREET WATER TANK RECOATING PROJECT

Prepared by:

WALLACE GROUP

612 Clarion Court

San Luis Obispo, CA 93401

805 544-4011

JUNE 2020

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CERTIFICATION

In accordance with the provisions of Section 6735 of the Business and Professions Code of the State of California, these specifications have been prepared by or under the direction of the following Professional Engineers licensed in the State of California:

STEVEN G. TANAKA, PE, C049779 EXP. 09/30/20

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PART I

NOTICE, PROPOSAL AND AGREEMENT FORMS

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NOTICE INVITING BIDS

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LOS OSOS COMMUNITY SERVICES DISTRICT
10TH STREET WATER TANK RECOATING PROJECT

NOTICE INVITING BIDS

NOTICE IS HEREBY GIVEN that the LOS OSOS COMMUNITY SERVICES DISTRICT (Owner) hereby invites sealed bids which will be received at:

Wallace Group
612 Clarion Court
San Luis Obispo, California 93401

Until **July 29, 2020, at 3:00 pm PST**, or such later date as may be set by Addendum, at which time and at the above address, they will be publicly opened and read aloud for performing the following work:

DESCRIPTION OF WORK: The work is comprised of providing new exterior tank coating to the 10th Street Water Tank, a 340,000 gallon welded steel tank located at 10th Street and Los Olivos Avenue, in Los Osos, CA. The existing welded steel tank is 38 ft. diameter and 40 ft. tall with a self supported dome roof. The tank is known to have lead based coatings on the exterior surfaces.

LOCATION OF THE WORK - The work is located in Los Osos, California, and more specifically at the corner of Los Olivos Avenue and 10th Street, Los Osos.

BID OPENING - Telephones will not be available to bidders for the preparation of the bids or for calling in bid results. Bid forms received after the designated time will not be accepted. Bidders, their authorized agents and other interested parties, are invited to attend the bid opening.

AWARD OF CONTRACT- The OWNER intends to award a contract **to the lowest, responsive, and responsible bidder to the bid schedule delineated in these contract documents**. All bids submitted shall be in accordance with the provisions of the Contract Documents and the OWNER may waive any minor irregularities or reject any and all bids. Any bid may be withdrawn prior to bid opening but not afterward.

FORM OF THE BID - Bidders must submit proposals on the proposal bid form provided. Proposals will not be considered unless submitted on proposal forms included in the Contract Documents obtained from the OWNER. A **mandatory** pre-bid job conference is scheduled for **Tuesday, July 21, 2020, at 10 am, at the Project Site (corner of 10th Street/Los Olivos Avenue, Los Osos, CA)**. The bidder may contact Steven Tanaka at **805-441-2293** for additional information. **Bidders that do not attend this mandatory pre-bid meeting shall be disqualified from bidding on this Project.**

BID SECURITY - Each proposal must be accompanied by cash, a certified or cashier's check, or bidder's bond on the prescribed form and made payable to the OWNER for an amount equal to at least 10 percent of the amount of the Bid, such guaranty to be forfeited should the apparent successful bidder to whom the contract is awarded fail to furnish the required bonds

and insurance certificates, and enter into contract with the OWNER within the time stated in the Proposal requirements. Proposals cannot be withdrawn for the period of time specified in Article 10 of the Instructions to Bidders.

PERFORMANCE SECURITIES – The successful bidder will be required to furnish a payment bond and faithful performance bond in the full amount of the Contract price, and insurance with certificates and endorsements of insurance, as provided in the Contract Documents. The required bonds must be provided only by a surety insurer who is in good standing with the State of California Department of Insurance.

CONTRACTOR LICENSING - In accordance with the provisions of California Public Contract Code Section 3300, the OWNER has determined that the contractor shall possess a valid Class “A” General Engineering Contractor license, or C33 Painting and Decorating Contractor License, at the time of bid issuance. Failure to possess the specified license shall render the Bid as non-responsive and shall act as a bar to award of the Contract to any bidder not possessing said license at the time of award. In the event of dispute over classification of the license required, the opinion of the contractor’s State License Board shall prevail.

WAGE RATE REQUIREMENTS - In accordance with the provisions of California Labor Code Sections 1770,1773, 1773.1, 1773.6 and 1773.7 as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in Section 1773 for the locality in which the work is to be performed. A copy of said wage rates is on file at the office of the OWNER. It shall be mandatory upon the contractor to whom the work is awarded and upon any subcontractor under the contractor to pay not less than said specified rates to all workmen employed by them in the execution of the work.

CONTRACTOR REGISTRATION WITH DEPARTMENT OF INDUSTRIAL RELATIONS – In accordance with California Labor Code Section 1725.5, Contractors and Subcontractors (as defined by California Labor Code Section 1722.1) bidding on Public Works contracts in California shall be registered with the Department of Industrial Relations **prior to bidding**. Contractor shall verify that this requirement has been met, prior to award of Contract.

AGREEMENT TO ASSIGN - In accordance with Section 4552 of the California Government Code, the bidder shall conform to the following requirements: In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act 15 U.S.C. 15, or under the Cartwright Act, Chapter 2.

DEPOSIT OF SECURITIES IN LIEU OF RETAINAGE - The Contractor may elect to receive 100 percent of payment due under the Contract Documents from time to time, without retention of any portion of the payment by the OWNER, by depositing securities of equivalent value with the OWNER in accordance with the provisions of Section 20300 of the California Public Contract Code. Such securities, if deposited by the Contractor, shall be valued by the OWNER, whose decision on valuation of the securities shall be final. Securities eligible for investment under this provision shall be limited to those listed in Section 16430 of the California Government Code or bank or savings and loan certificates of deposit.

CONTRACT DOCUMENTS - Contract Documents, including Instructions to Bidders, the Contract Specifications and Drawings may be viewed electronically at local planholders’ rooms,

or by requesting a PDF copy of the bid documents by contacting Steven Tanaka, Wallace Group, at stevent@wallacegroup.us, or by phone at (805) 441-2293.

Only PDF electronic copies of the bid documents will be made available to bidders, at no charge to bidders. The special attention of prospective bidders is called to the Instructions to Bidders portion of the Contract Documents for full directions for bidding the Work.

The successful bidder must insure that employees and applicants for employment are not discriminated against on the basis of age, color, race, national origin, ancestry, religion, sex, sexual preference, marital status, and shall comply with the Americans with Disabilities Act.

Date: _____

OWNER: _____
RON MUNDS, GENERAL MANAGER

END OF NOTICE INVITING BIDS

ADVANTAGE TECHNICAL SERVICES, INC.
SPECIALTY ENGINEERING AND INSPECTION COMPANY

June 22, 2020

Steven G. Tanaka, PE
Principal Civil Engineer
Wallace Group
612 Clarion Ct.
San Luis Obispo, CA 93401

**RE: Proposal for Construction Quality Assurance for the Los Osos Community Services District
10th Street Tank Exterior Re-Coating Project**

Dear Mr. Tanaka:

ATS, Inc. is proposing to provide construction quality control for the referenced project. It is our understanding that the District would like quality assurance oversight for coatings and a small amount of welding during the construction phase.

Our personnel will be qualified to provide the services as inspectors for water tank structures with specific emphasis on coatings and corrosion related issues for water tanks. Qualifications are based on the requirements of the American Water Works Association (AWWA), American Welding Society (AWS), National Association of Corrosion Engineers (NACE) and the California Building Code (CBC). Our NACE Certified Coating Inspector will oversee all coating inspection work. All construction observation will be based on the contract specifications. We are assuming that the Contractor will provide safe access for our personnel.

Our estimated budget for the work is attached. Thank you for the consideration of our firm. Please call if you have any questions regarding the services that we are offering.

Sincerely,
Advantage Technical Services, Inc.



William D. Bellis, P.E.



Estimate for: Los Osos CSD 10th St. Tank Exterior Coating Quality Assurance Services Based on Assumed 3 Week Field Work Schedule			Rates: AWS CWI Rate: 125 \$/hr. Engineer Rate: 170 \$/hr. Coatings NACE III Rate: 135 \$/hr. Coating NACE I Insp. Rate: 120 \$/hr. Administration Rate: 75 \$/hr. Mileage Rate: 0.75 \$/hr.			
Pre-Job	Project Days	% Coverage	Hours		Std Day: 8 hr.	
Spec Development	n/a	n/a	7	\$ 1,190.00	Constructability review	
Pre-job misc.	n/a	n/a	0	\$ -		
Submittal review	n/a	n/a	3	\$ 510.00		
					Pre-Job Subtotal \$ 1,700.00	
Construction Quality Assurance						
Welding (shop)	0		0	\$ -	Ladder Leg	
Welding (field)	1	50%	4	\$ 500.00		
Earthwork						
Field Engineer						
Concrete						
Rebar placement						
Concrete placement						
Coatings						
L III shop coat			0	\$ -		
ATS I coating			0	\$ -		
LIII Field coating	7	70%	39.2	\$ 5,292		
ATS I coating	8	70%	44.8	\$ 5,376		
					Subtotal: \$ 11,168.00	
Construction Management						
Pre-bid meeting			3	\$ 405.00	NACE Coating Inspector	
Pre-application meeting			3	\$ 405.00	NACE Coating Inspector	
Coordinate and log RFI			0	\$ -		
Manage change orders						
Progress pay estimates			0	\$ -		
Document control			2	\$ 240.00	ATS I Insp.	
Final walk and punch list			3	\$ 405.00	NACE Coating Inspector	
Close out and doc. turn-over			3	\$ 360.00	ATS I Insp.	
					Subtotal: \$ 1,815.00	
Administration						
Internal Project Mgmt./P.E.			6	\$ 1,020	PE Rate	
Documentation & A.R.			8	\$ 600	Admin. Rate	
					Subtotal: \$ 1,620.00	
Travel						
	Trips	Rate (\$/mi)	Miles			
Job site	13	0.75	20	\$ 195.00		
	0	0.75	0	\$ -		

This estimate is provided to show forecasted costs based on an assumed schedule, normal level of quality assurance required and estimated contractor productivity.

All work will be provided on a "time and materials" basis.

Contingency:	<input type="text" value="0%"/>	\$ -
Warranty Dive:		\$ -
Misc. Materials:	<input type="text" value="1.00%"/>	\$ 163.03
Per diem:		\$ -
Total Estimate		\$ 16,466