

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, General Manager

Agenda: July 9, 2024

Report Date: July 5, 2024

Agenda Title: Waive the Procedural Requirements in the District's Policies and Procedures for Award of Contracts and Authorize the General Manager to Enter into an Agreement with DN Tanks, LLC. for Construction of the Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project.

Recommendation/Motion:

Waive the procedural requirements in the District's Policies and Procedures for Award of Contracts (Resolution 2016-09) and authorize the General Manager to enter into an agreement with DN Tanks, LLC. for construction of the Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project for \$10,968,951.

Background:

The Carter Hill tank site, located adjacent to the Nunes Water Treatment Plant, currently has three water storage tanks at the site: HMB 1: built 1950, .4 Million Gallons; HMB 2: built 1955, .6 Million Gallons; and HMB 3: built 1963, 1.5 Million Gallons.

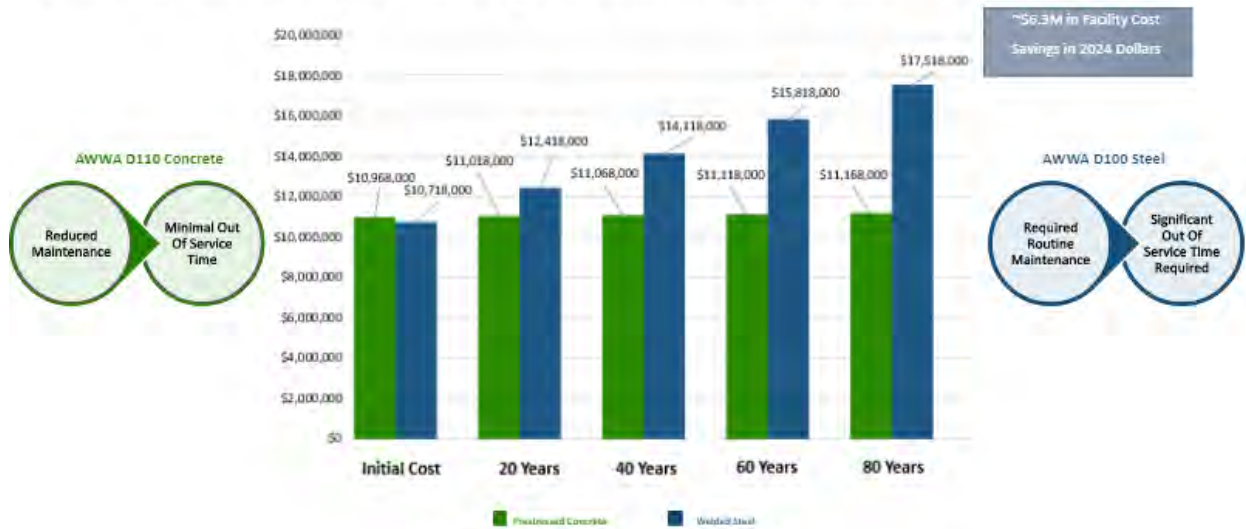
In 2019, TJC and Associates conducted a "Tank Conditions and Assessment" study which included seismic and structural evaluations and recommendations for retrofits or replacements of many of the District's tanks. As a follow-up to the study, in 2020, EKI Environment and Water, Inc. ("EKI") prepared a "Potable Water Storage Evaluation and Alternatives Evaluation" which included a review of the District's existing storage facilities, capacities and a hydraulic evaluation using the District's hydraulic model to assess system performance under several storage scenarios. Given the hydraulic model, EKI recommended maximizing potable storage at the Carter Hill and Denniston sites as these locations can supply over 95% of the system demands by gravity during normal operations and do not present water age issues. (This conclusion was further confirmed during 2019 and 2020 PSPS events when Carter Hill was the primary source of emergency supplies of water.) EKI recommended that the District prioritize

rehabilitation or replacement efforts at Carter Hill to bring tanks under the current seismic and building code standards due to their criticality.

EKI’s study also discussed alternatives and cost comparisons for retrofits or replacement and discussed the lifecycle costs of constructing a new prestressed concrete tank vs. a new welded steel tank. Although initial acquisition costs of construction of a prestressed concrete tank can be more expensive, maintenance of a concrete tank is relatively low over the life cycle as compared to a welded steel tank. (Note that welded steel tanks require recoating every 20 years.)

As part of this proposal, DN Tanks LLC (“DN Tanks”) provided the chart below that illustrates the lifecycle cost differences for the District’s proposed project.

2.1 MG Tank Project- Lifecycle Cost Analysis Based on 80-Years



Given EKI’s and TJC and Associates’ recommendations to consider replacing tanks at the Carter Hill site with prestressed concrete tanks, the Board engaged HDR Engineering, Inc. (“HDR”) in February 2021 to provide design engineering and bid support services for the Carter Hill tank project. HDR completed its initial Basis of Design Report in November, 2021, recommending DN Tanks as the prestressed concrete tank provider. HDR and District staff considered other prestressed concrete tank suppliers, however DN Tanks is the leader in the industry and in California. DN Tanks has over 90 years of experience and has successfully constructed over 3,500+ tanks across the country, with over 300 million gallons of tanks in the Bay Area. District staff were also able to see DN Tanks at work at SFPUC’s Treasure Island tank construction site. Staff and the Facilities Committee have met with DN Tanks on numerous occasions. Given DN Tanks experience and qualifications, HDR proceeded to

complete the engineering design incorporating a prestressed concrete DN tank. In March, 2024, HDR completed the 100% design and applicable permitting has been completed.

Overview of the Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project

The Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project (“Project”) involves the demolition and removal of tanks HMB 1 and HMB 2 and existing yard piping and constructing a new 2.1 million gallon AWWA D110 Type 1 Prestressed Concrete DN Tank and new yard piping and related infrastructure. The Project is scheduled to commence in Fall of 2024, with scheduled completion in March 2026 (480 days.)

An overview of the Project and DN Tanks is included in Exhibit A – July 9, 2024 Presentation and Exhibit B – DN Tanks, LLC Proposal.

Determination of Waiving Competitive Bidding Requirements:

Staff is requesting to award a contract to DN Tanks for the construction of the Project for \$10,968,951 and to waive the competitive bidding and procedural requirements as provided for in Resolution 2016-09, the District’s Policies and Procedures for Award of Contract. The cost of construction includes 1) the prestressed concrete DN tank; and 2) the selection of DN Tanks as the General Contractor for the project.

As noted above, HDR designed the project specifying DN Tanks as the tank provider. DN Tanks’ approach is proprietary, and the Project would need to be redesigned if another tank provider were to be considered.

The District had the option of selecting another company to serve as General Contractor for the Project who could use DN Tanks as a subcontractor for the tank, however District staff (and with the support of the Facilities Committee) recommend DN Tanks for the entire scope of the project. DN Tanks is very experienced at serving as General Contractor on tank projects, and the District will have one party to work with who has the expertise in executing tank projects and the related site work.

In developing their proposal, DN Tanks collaborated closely with staff and visited the Carter Hill tank site on multiple occasions with potential sub-contractors. DN Tanks competitively bid for subcontractors and focused on finding local contractors (but also included other Bay area suppliers to ensure competitive pricing.) In the end, 17 contractors were contacted, with the primary (and lowest cost) sub-contractors being

local (for example, Andreini Bros. for site work; Half Moon Bay Building and Garden for concrete supply.)

DN Tanks has also expressed their willingness to closely coordinate with District staff to find value engineering opportunities.

The District's Legal Counsel has reviewed DN Tanks' proposal and related bid documentation and determined all is in order.

Financial Impact:

The Engineer's estimate for the Project (as of April 2024) was \$10,770,000. DN Tanks' proposal is \$10,968,951.

District staff is pursuing \$8,000,000 in financing to partially fund the Project.

Carter Hill Prestressed Concrete Tank and Seismic Upgrade Project



July 9, 2024

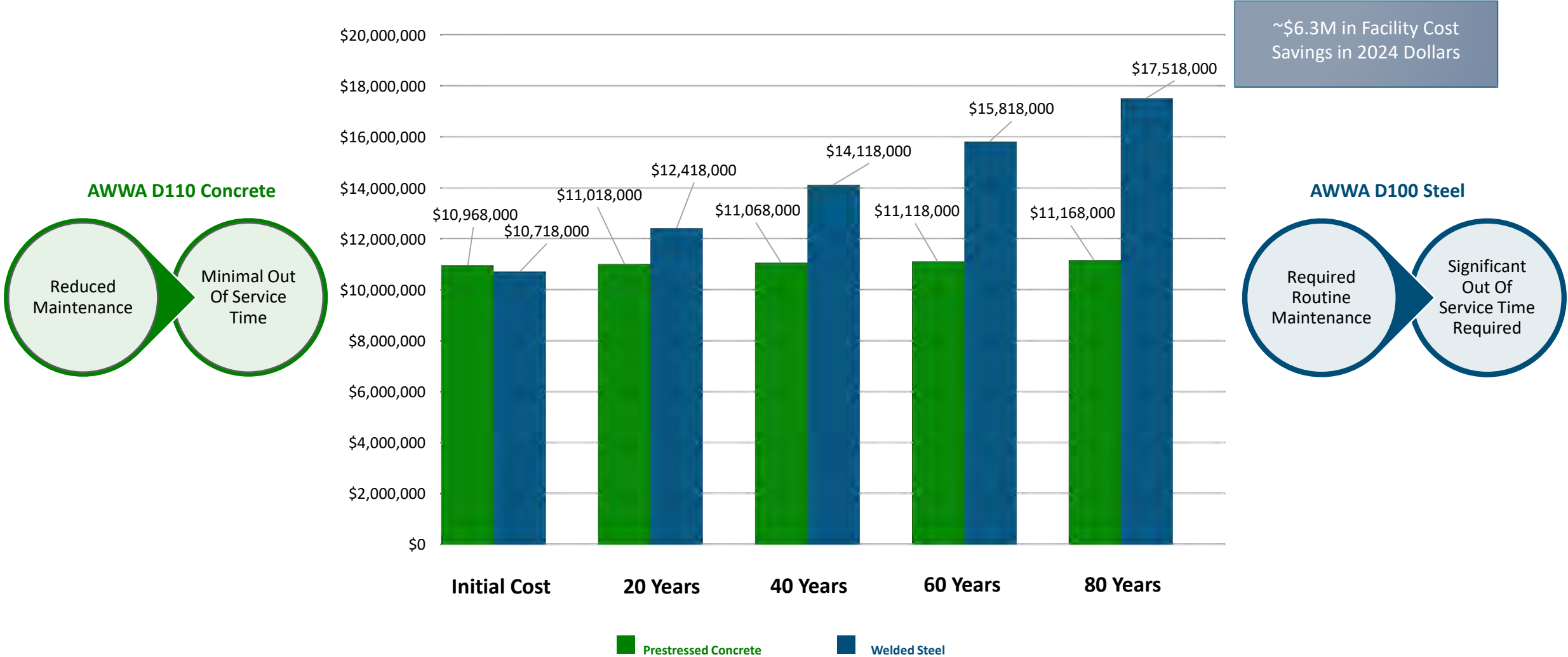
Regular Board Meeting
Coastside County Water District



Carter Hill Tank Site

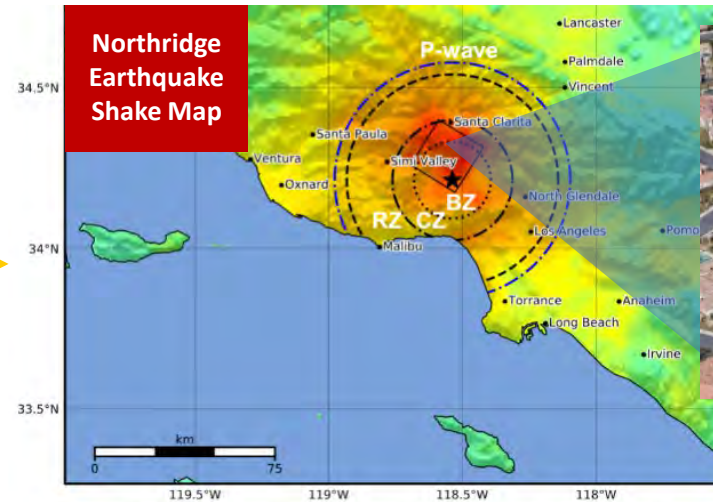
- (3) Welded Steel Tanks Located at Carter Hill near Nunes Water Treatment Plant
 - HMB #1 – Built 1950 – 400,000 gallons
 - HMB #2 – Built 1955 - 600,000 gallons
 - HMB #3 - Built 1963 – 1,500,000 gallons
- Project = Replace HMB #1 and #2 with 2,100,000 gallon Prestressed Concrete DN Tank
 - HMB #3 – Future replacement
- 2019 – TJC and Associates completed “Tank Conditions and Assessment” Study including seismic and structural evaluations
- 2020 – EKI Environment and Water – “Potable Water Storage Evaluation and Alternatives Evaluation” – Hydraulic modeling suggested maximizing storage at Carter Hill and Denniston sites (*confirmed during PSPS events*)
 - Also recommended concrete tank option – given life cycle costs
- 2021 – HDR Engineering, Inc. engaged for design engineering of tank
 - Specified AWWA D110 Type 1 Prestressed Concrete DN Tank

2.1 MG Tank Project - Lifecycle Cost Analysis Based on 80-Years



Design Benefits of Prestressed Concrete Tanks

- Seismic Reliability - Prestressed concrete tanks have shown outstanding seismic performance across the western United States since the 1960s, never experiencing a structural failure. Case study from ASCE provided.
- Reduced Freeboard - Prestressed concrete tanks are designed to resist a portion of the sloshing wave. This provided a lower overall visual profile.
- Reduced Site Work Costs - Prestressed concrete tanks do not require a permanent retaining wall system. This would lead to significant cost savings on the overall project by eliminating the scope for design and construction of a retaining wall



“All of the prestressed concrete tanks owned by LADWP performed well during Northridge earthquake... the prestressed concrete tanks performed exceptionally well”

– ASCE –...

Lifeline Earthquake Engineering

SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
PGV(cm/s)	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X-XI

Scale based on Worden et al. (2012) Version 1: Processed 2018-11-28T21:10:02Z
 Δ Seismic Instrument ○ Macroseismic Observation ★ Epicenter □ Rupture



A Proven Leader

Nationwide Company
with Local Presence

3
OPERATIONS
CENTERS

10
REGIONAL
OFFICES

DN TANKS EXPERIENCE

- 3000+ Tanks Constructed
- 500+ Repeat Clients
- Specialty Tank Contractor
- General Contractor on +1,000 projects
- Local NorCal Regional Manager
- California Operations Center
- +300MG Total Storage in the Bay Area of California



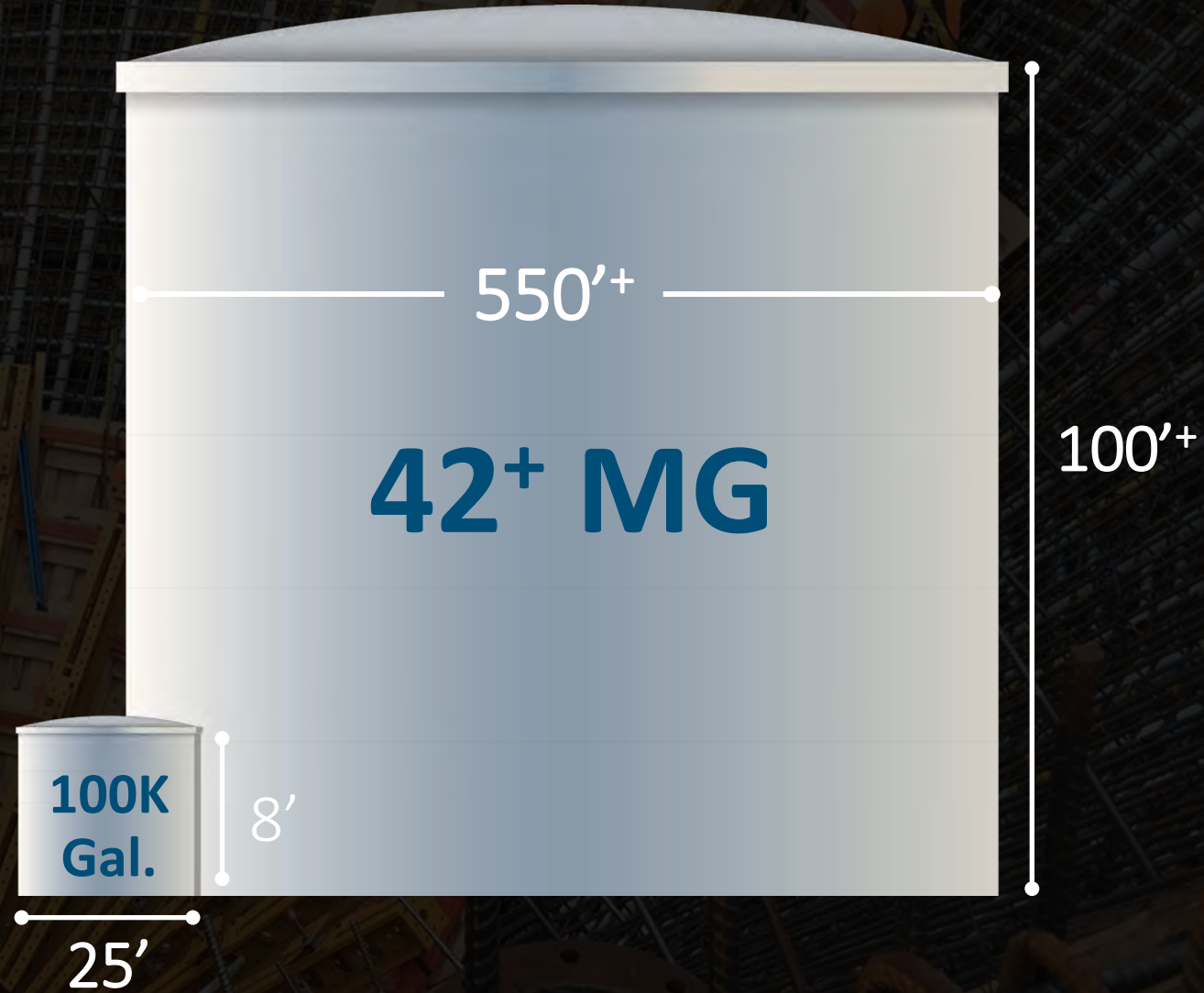
DN Tanks

Designs and Build AWWA D110
Prestressed Concrete Tanks

CAPACITIES RANGING FROM
100K Gal. – 42⁺ MG

HEIGHTS RANGING FROM
8' – 100'+

DIAMETERS FROM
25' – 550'+



General Contractor Scope – DN Tanks



Muir Beach CSD – 0.20MG



Brooks, CA – 1.4MG



Jamul, CA – 2.0MG



Bakersfield, CA – 0.68MG



San Antonio, TX – 2.0MG



San Antonio, TX – 4.0MG

Tank Contractor Scope (Sub) – DN Tanks – Bay Area



San Francisco, CA – (3) 1.5MG



Montara, CA – 0.5MG



Richmond, CA – (2) 1.0MG



Los Gatos, CA – (2) 2.5MG



San Bruno, CA – 2.0MG



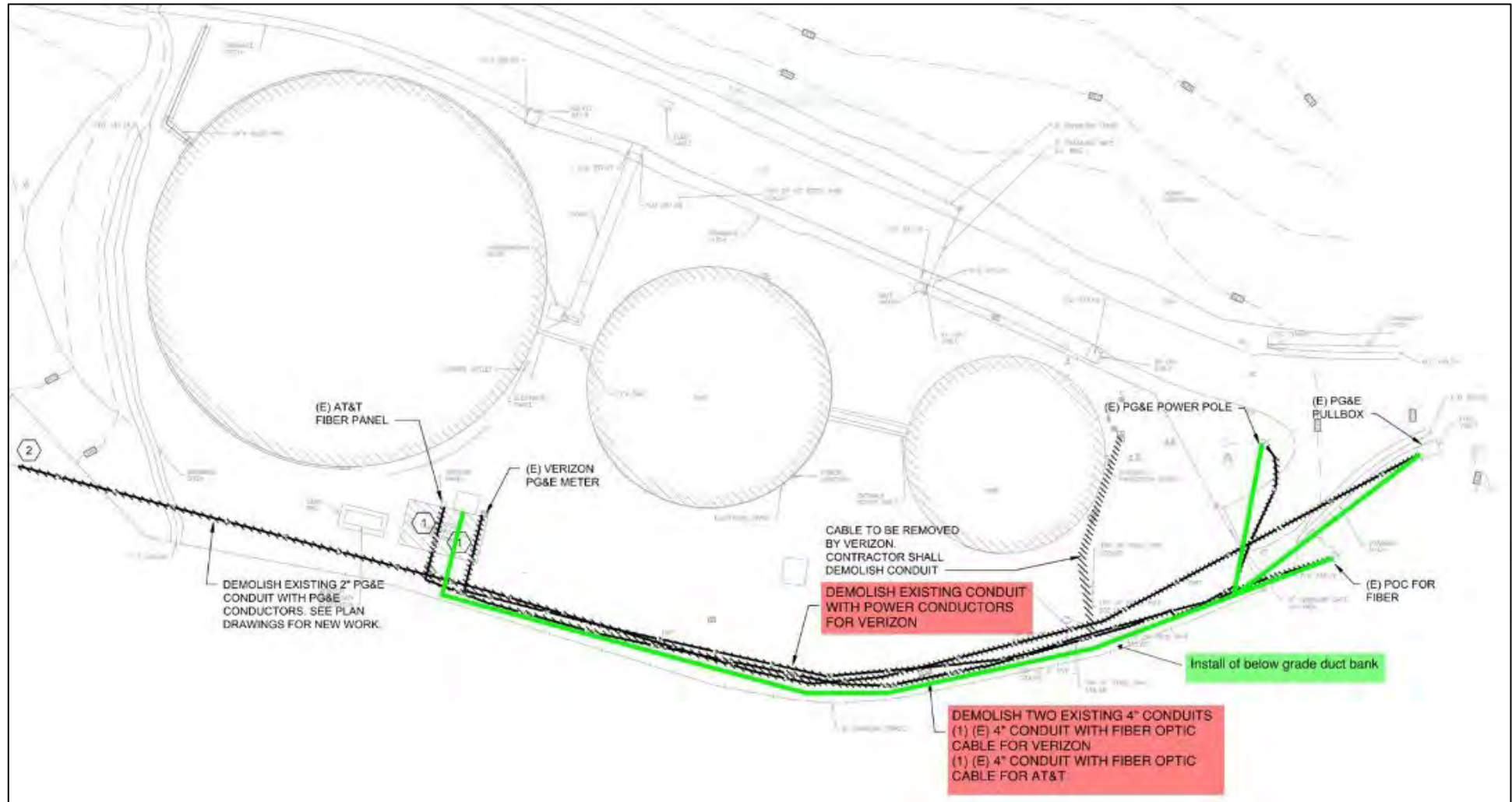
Palo Alto, CA – 1.5MG

Value of Proposal-based Selection of General Contractor

- Expedited procurement timeline
 - Saves the District on delays & resulting cost escalations
- The District has influence on contractor involvement
 - Avoids contractors that have performed poorly for CCWD, and emphasizes local contributions
- Commitment to collaborative approach, Value Engineering, and fosters a partnership
 - District will experience a better level of attention and commitment
- Competitive sub bidding
 - District receives a competitive bidding environment for all subcontractor pricing
- The Prestressed Concrete Tank is a critical component to the overall project
 - Having the Tank Designer/Builder as the project lead is beneficial to project execution and helps to drive critical path.

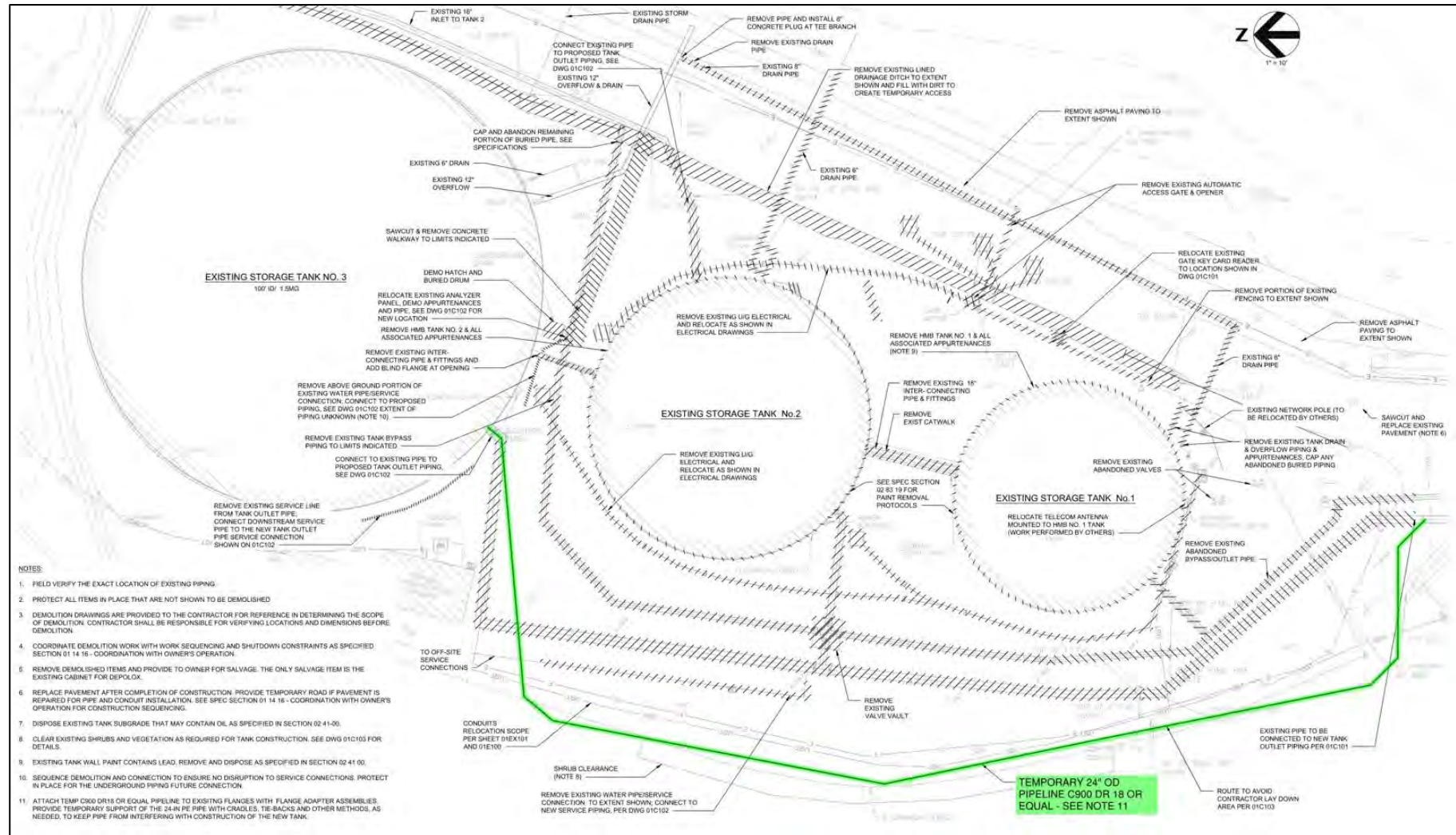
General Sequencing – Relocation of Utilities

- Limited NTP provided
- Install of below grade duct bank and coordination with PG&E/ Telecommunication Company for Utility Relocation



General Sequencing – Install Temporary Pipe

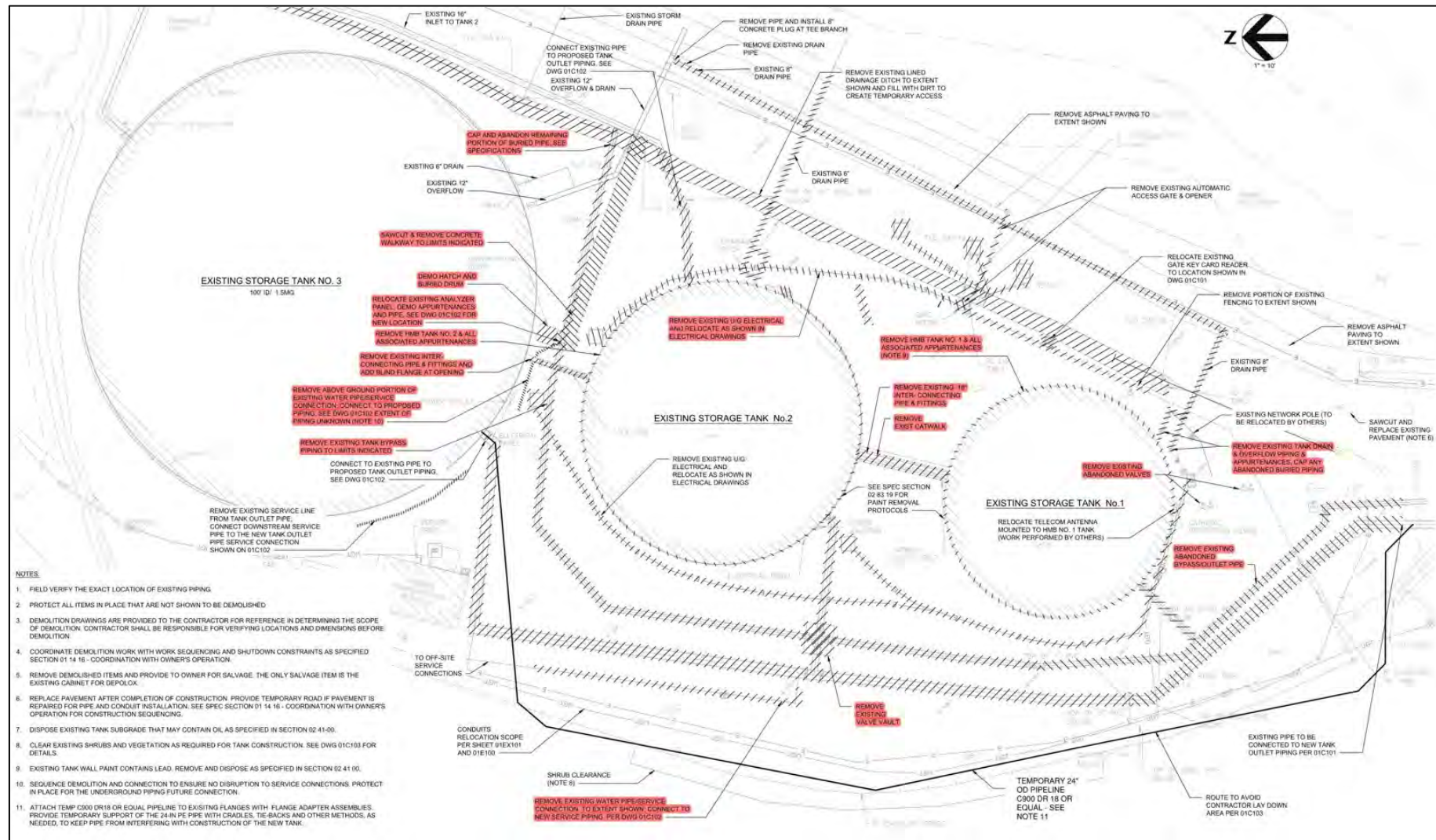
- Full NTP Provided
- Install 24" Temporary Outlet Pipe to HMB Tank No.3 and Distribution Piping
- MOPO Shutdown No.1



- NOTES**
1. FIELD VERIFY THE EXACT LOCATION OF EXISTING PIPING.
 2. PROTECT ALL ITEMS IN PLACE THAT ARE NOT SHOWN TO BE DEMOLISHED.
 3. DEMOLITION DRAWINGS ARE PROVIDED TO THE CONTRACTOR FOR REFERENCE IN DETERMINING THE SCOPE OF DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS AND DIMENSIONS BEFORE DEMOLITION.
 4. COORDINATE DEMOLITION WORK WITH WORK SEQUENCING AND SHUTDOWN CONSTRAINTS AS SPECIFIED SECTION 01 14 16 - COORDINATION WITH OWNER'S OPERATION.
 5. REMOVE DEMOLISHED ITEMS AND PROVIDE TO OWNER FOR SALVAGE. THE ONLY SALVAGE ITEM IS THE EXISTING CABINET FOR DEPOLDX.
 6. REPLACE PAVEMENT AFTER COMPLETION OF CONSTRUCTION. PROVIDE TEMPORARY ROAD IF PAVEMENT IS REPAIRED FOR PIPE AND CONDUIT INSTALLATION. SEE SPEC SECTION 01 14 16 - COORDINATION WITH OWNER'S OPERATION FOR CONSTRUCTION SEQUENCING.
 7. DISPOSE EXISTING TANK SUBGRADE THAT MAY CONTAIN OIL AS SPECIFIED IN SECTION 02 41 00.
 8. CLEAR EXISTING SHRUBS AND VEGETATION AS REQUIRED FOR TANK CONSTRUCTION. SEE DWG 01C103 FOR DETAILS.
 9. EXISTING TANK WALL PAINT CONTAINS LEAD. REMOVE AND DISPOSE AS SPECIFIED IN SECTION 02 41 00.
 10. SEQUENCE DEMOLITION AND CONNECTION TO ENSURE NO DISRUPTION TO SERVICE CONNECTIONS. PROTECT IN PLACE FOR THE UNDERGROUND PIPING FUTURE CONNECTION.
 11. ATTACH TEMP C900 DR18 OR EQUAL PIPELINE TO EXISTING FLANGES WITH FLANGE ADAPTER ASSEMBLIES. PROVIDE TEMPORARY SUPPORT OF THE 24 IN PE PIPE WITH CHAIRS, TIE-BACKS AND OTHER METHODS, AS NEEDED, TO KEEP PIPE FROM INTERFERING WITH CONSTRUCTION OF THE NEW TANK.

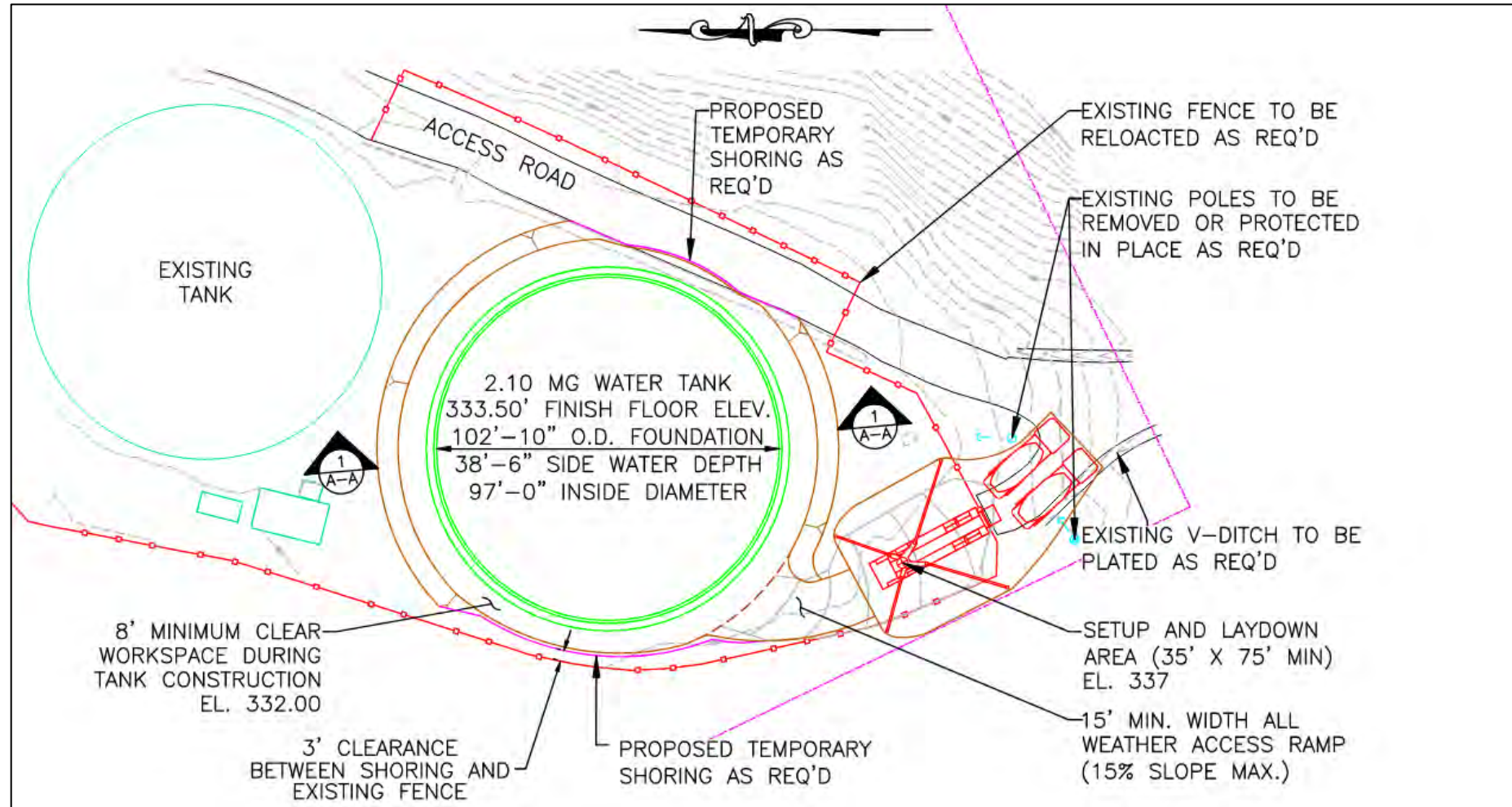
General Sequencing – Demolition

- Demolition and Removal of HMB Tank No.1 and No.2
- Removal of Existing HMB Tanks No.1 and No.2 Yard Piping
- Per demo plan provided



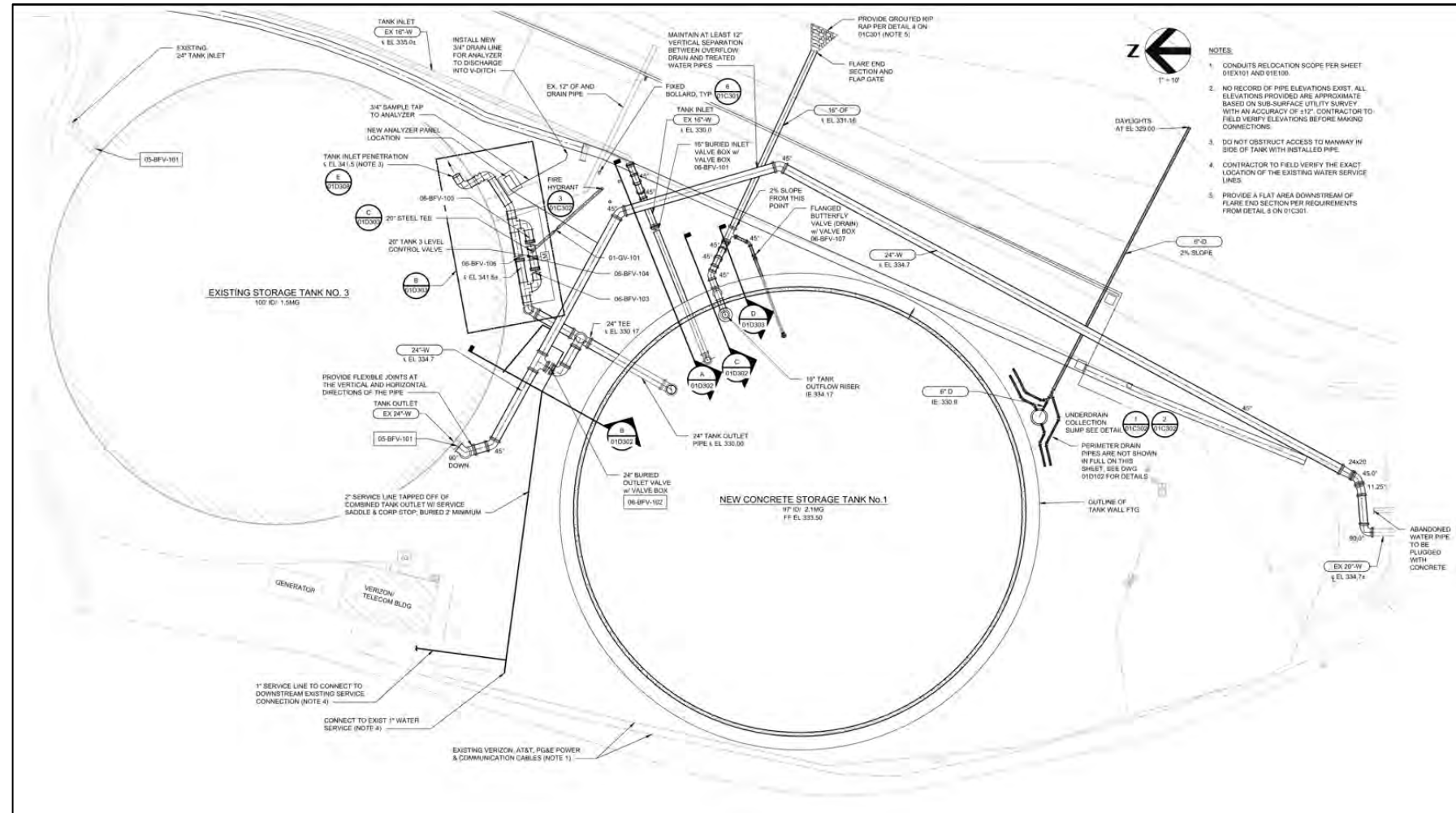
General Sequencing – Tank Construction

- Tank Excavation and Install Inlet / Outlet concrete pipe encasements
- Tank Construction
 - 2.10 MG Tank Capacity
 - 97' ID
 - 102'-10" Footing OD
 - 38'-6" Water Level
 - 44' Wall Height
 - Free Spanning Concrete Dome Roof



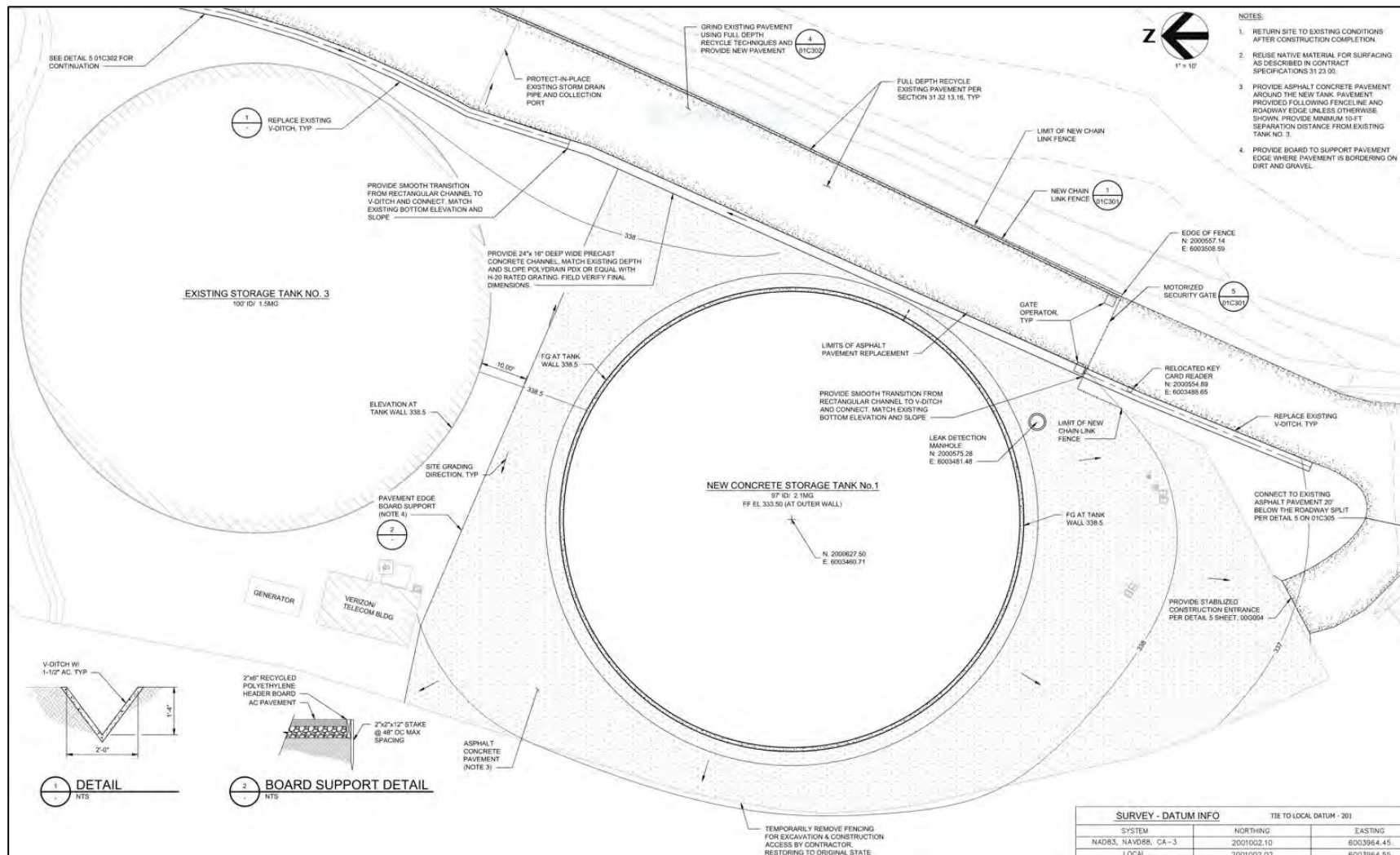
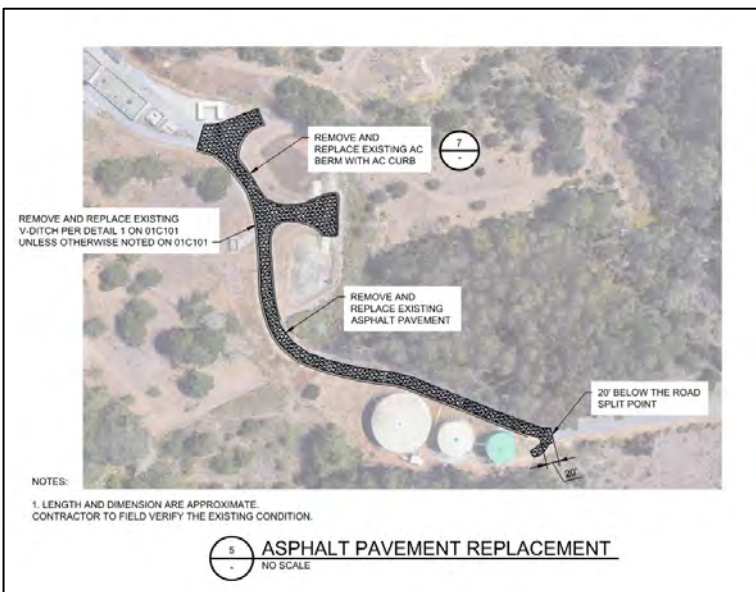
General Sequencing – Yard Piping

- Install New Yard Piping
 - 16" Inlet Pipe & Valve - MOPO #2
 - 24" Combined Outlet Piping - MOPO #3
 - 2" Service Line
 - 16" Overflow Piping
 - 6" Drain Piping
 - Leak Detection / Drain Piping
 - 20" Interconnection Piping



General Sequencing – Site Restoration

- Site Restoration
- Road Paving



Half Moon Bay Project Schedule

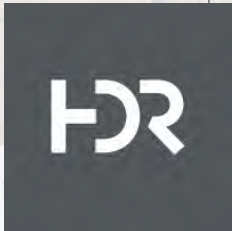
Coastside County Water District, 2.10 MG Tank



Competitive Bidding

- Site work:
 - Golden Bay Construction
 - Half Moon Bay Paving and Grading
 - Andreini Bros. Inc.
 - Casey Construction
 - Ranger Pipelines
 - Corcus Construction
- Electrical:
 - Atlas Pellizzari
 - Cupertino Electric
 - Rosendin Electric
- Steel Tank Demo/Abatement:
 - ERRG
 - JM Environmental
 - Penhall
 - Alco Iron
- Concrete:
 - Central Concrete Supply Company
 - Half Moon Bay Building and Garden
- Rebar:
 - CNC Rebar
 - Monroy Steel

HALF MOON BAY CONSTRUCTION PROJECT TEAM



GRADING PAVING
ANDREINI BROS.
INC.
Half Moon Bay
State Lic. No. 206882
161 MAIN ST. 726-2065

Sitework

ATLAS
PELLIZZARI ELECTRIC

Electrical

CALCON
SYSTEMS

Instrumentation

JM

Demolition

HALF MOON BAY
BUILDING
and
GARDEN
EST. 1972

Concrete Supply

DN Project Bid & Change Order Mitigation

- Qualified subcontractors and suppliers by meeting onsite and/or diligently reviewing scopes of work, schedules, and company reputation
- Reviewed project plans and project site to walk through the project individually with each prospective team member
- Created a detailed project approach, sequencing of tasks, and a full critical path schedule
- Identified a potential credit for the District after the project is executed (related to AIS materials and expedited work by PG&E/Verizon)
- Submitted several requests for clarification during proposal preparation, and discussed these items with the District and its Engineers to ensure that any unclear items are resolved

B. Lump Sum Price (Single Lump Sum) INCLUDE BOTH WORDS AND FIGURES

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total
1	Mobilization (not to exceed 5% of the total bid price)	L.S.	1	\$ 497,900 Four hundred ninety-seven thousand nine hundred dollars	\$ 497,900 Four hundred ninety-seven thousand nine hundred dollars
2	Sheeting, shoring and bracing	L.S.	1	\$ 87,400 Eighty-seven thousand four hundred dollars.	\$ 87,400 Eighty-seven thousand four hundred dollars.
3	All work required to complete the project as set in the contract documents except items 1,2, and 3 above	L.S.	1	\$ 10,383,651 Ten million three hundred eighty-three thousand six hundred fifty-one dollars.	\$ 10,383,651 Ten million three hundred eighty-three thousand six hundred fifty-one dollars.
	Total Lump Sum Bid Price (sum of 1-3)	L.S.	1	\$ 10,968,951 Ten million nine hundred sixty-eight thousand nine hundred fifty-one dollars	\$ 10,968,951 Ten million nine hundred sixty-eight thousand nine hundred fifty-one dollars

Coastside CWD Note: HDR's Engineering Estimate "OPCC" (April 2024) = \$10,770,000



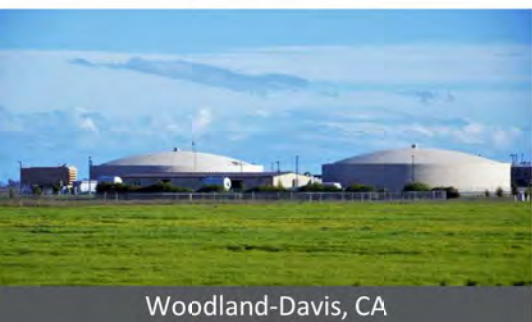
BUILT
FOR THE FUTURE



San Bruno, CA



Montara, CA



Woodland-Davis, CA



San Francisco, CA



Palo Alto, CA

Coastside County Water District
Half Moon Bay Prestressed Concrete Tank

Submitted To:
Mary Rogren, General Manager
Coastside County Water District
766 Main Street, Half Moon Bay, CA 94019
Email: mrogren@coastsidewater.org



**BUILT
FOR THE FUTURE**

June 7, 2024

Mrs. Mary Rogren
General Manager
Coastside County Water District

RE: DN Tanks, LLC Proposal
Half Moon Bay Prestressed Concrete Tank Project
Half Moon Bay, CA

DN Tanks is pleased to submit this proposal to Coastside County Water District for the construction of the Half Moon Bay Prestressed Concrete Tank Project.

DN Tanks has a long history and vast experience designing and building prestressed concrete tanks based upon the AWWA D110 Type I Standard. DN Tanks has thoroughly reviewed the design documents for this project and has a strong understanding of the project requirements. We have assembled a team that can provide local experience to successfully deliver this project and meet the key objectives of the Coastside County Water District. Below is a summary of DN Tanks' key areas of value for this project.

- **Local Presence and Involvement** – DN Tanks' local preconstruction manager, Tyler Bernhard, is based out of Monterey, CA and is dedicated to ensuring support services are provided from project development, through commissioning of the storage tank, completion of the overall project, and long into the future. DN Tanks will utilize, to the greatest extent possible, familiar Half Moon Bay subcontractors that have served the District well in the past. Working with qualified local subcontractors will also ensure reinvestment into the local community.
- **Risk Mitigation** – DN Tanks has the GC and tank building experience to mitigate risk starting from the project development phase, through bidding, and construction. DN Tanks will work closely with District staff and coordinate activities to prevent any disruptions to the Nunes Water Treatment plant. Selecting DN Tanks as the GC will provide the owner with a qualified and experienced team that will seek to meet AIS requirements and identify any value engineering options that arise. Risk will also be mitigated with engineering, supply chain, and project management by a single party. More detailed information on DN Tanks performing work as a General Contractor is located in the Experience Information section of this proposal.
- **Experience** – Over the last 90 years, DN Tanks has successfully constructed over 3,000 prestressed concrete tanks not only throughout the country, but around the World. ***DN Tanks has served as the General Contractor on 1,000 of these projects.*** We are intimately familiar with the processes, protocols, safety requirements, and high expectations of quality that make a project successful.



5.0 MG AWWA D110 Type I prestressed concrete tank constructed in Richmond, CA

- **California Bay Area Experience** – We know the local market and construction environment, have experienced crews available, and are best positioned to deliver this project on time and within budget. ***DN Tanks has been a part of over 300 million gallons in total storage in the greater Bay Area.*** We have worked with several neighboring agencies including SFPUC, EBMUD, San Jose Water, City of Daly City, City of San Bruno, City of Millbrae, Town of Hillsborough, Coastside County Water District, Montara Water and Sanitary District, and City of Foster City to name few.
- **Schedule** – With 1,000 projects as a General Contractor, DN Tanks is uniquely positioned to deliver a successful project in a realistic, and accurate timeframe. We track and utilize delivery data from hundreds of projects around the country with similar capacities, dimensions, conditions, and constraints to ensure the successful completion of the project within the owner and engineer’s expectations. We know what it takes to build in the Bay Area and have the trained and experienced field personnel to ensure timely delivery.
- **Quality & Safety** – At DN Tanks, all employees are trained in both Quality Assurance (QA) and Safety. Our commitment to both QA and Safety results in tank projects that are built safely with a goal of no lost time accidents, infrastructure that are built right the first time, and a prestressed tank with an expected useful life of well over 50 years virtually free of maintenance.
- **Support** – At our Western Operations HQ in El Cajon, CA, DN Tanks employs 16 professional engineers registered in the State of California, 6 EITs, and 4 CAD designers who are available to support throughout the design, construction, and inspection activities. Having regional engineering resources available at any time allows our engineering staff to complete the tank design and shop drawings quickly and efficiently. The engineering team assigned to your project will be led by our Engineering Manager who has over 11 years of design and construction experience in California.
- **Proven Premium Product** – DN Tanks is widely considered the industry leader in the design and construction of prestressed concrete tanks and has the skills and expertise to successfully complete this project. Prestressed concrete tanks provide the community with the lowest total cost of ownership when compared to epoxy coated welded steel tanks. Prestressed concrete tanks do not require coatings or sealants for liquid tightness. Prestressed concrete tanks are designed to eliminate structural maintenance, and this provides the lowest maintenance requirements for any tank structure. This leads to no out-of-service time and the longest service life without maintenance or replacement providing the community with a seismic resilient water storage structure.

We trust that our team’s extensive design and construction experience will provide confidence to your team that DN Tanks adds significant value to the successful execution of this project. We look forward to the opportunity to partner with Coastside County Water District on its Half Moon Bay Prestressed Concrete Tank Project. Please contact me should you have any questions regarding this proposal.

Respectfully submitted,

Tyler Bernhard
Regional Manager
916.426.5838



TABLE OF CONTENTS

Section 01 – Project Understanding and Approach

Project Understanding and Approach
Experience & References
Project Team Organizational Chart
Safety Approach

Section 02 – Proposal

Proposal Form and Attachments
 Proposal Bid Form
 RFI Responses
 List of Subcontractors
 Bid Item Description
 Non-Collusion Affidavit
 AIS Requirements
 California Contractors License
 Authority to Sign

Section 03 – Assumptions and Clarifications

Proposal Assumptions and Exclusions

Section 04 – Design Benefits of AWWA D110 Prestressed Concrete

Design Benefits of AWWA D110 Prestressed Concrete
 Including Life Cycle Analysis - Prestressed Concrete compared to Epoxy Coated Welded Steel Tank

Appendices

Appendix A – Qualifications Statement
 Qualifications Statement
 3-year EMR Letter
 Resumes
Appendix B – Preliminary Construction Schedule (Complete P6)
Appendix C – Tank Construction Layout



Section 01

Project Understanding & Approach

- Project Understanding and Approach
- Experience & References
- Project Team Organizational Chart
- Safety Approach



Project Understanding & Approach

Project Understanding

Coastside County Water District's (CCWD) Half Moon Bay (HMB) Tank facility near the Nunes Water Treatment plant is in need of tank replacement for HMB Tank 1 and 2 to allow for more flexibility with future needed tank projects, either rehabilitation or replacement, on Tank 3 at the same site as well as at other locations within CCWD water system. It is desired to maximize potable water storage with a low maintenance and seismic resilient storage tank at the HMB site, considering it is a critical water storage facility for the district.

DN Tanks is pleased to offer this proposal to take on full responsibility as the general contractor scope as well as perform the structural design and construction of the AWWA D110 Type I Prestressed Concrete Tank. We have assembled a project team consisting of construction partners that are licensed in the State of California and have knowledge of the site and experience working directly with CCWD as well as other similar water projects in the greater Bay Area.

DN Tanks has over ninety (90) years of construction experience and understands the challenges of working within, or adjacent to, an active water treatment and storage tank facility site with limited space and accessed by a common road. We are committed to maintaining a safe working environment with a focus on minimizing disruption to normal water treatment plant operations.

DN Tanks also understands the importance of the project construction schedule and maximizing our efforts, with HMB Tank 1 and 2 offline, to get the new prestressed concrete storage tank online as the schedule calls for to ease the challenges on district operation staff, by limiting the downtime of capacity at the HMB tank facility to the greatest extent possible.

Project Understanding & Approach

Proposal Development

To develop a robust plan, build the best qualified team of subcontractors and discipline experts, and to provide the most competitive project framework, DN Tank tapped into some of our most senior and experienced construction professionals. To successfully achieve the desired completion date and project results, DN Tanks recognizes the importance of pre-planning, sequencing, and effective communication throughout execution of the project. We have thoroughly reviewed the Contract Documents, conducted a three (3) day on-site walk through with our key subcontractors to develop our work sequencing and strategy for the 2.1 MG AWWA D110 Type I Prestressed Concrete Water Tank project, and coordinated with Operations staff to understand their needs and challenges.

After Award - Preconstruction

After award of the project, a preconstruction meeting will be held on-site with CCWD's Project Team to introduce DN Tanks Project Team including our key subcontractors. The meeting will review the scope of work, critical schedule milestones, along with communication protocol and overall client expectations. During the preconstruction phase, our team will perform a detailed review of existing site conditions, utilities, geotechnical information, and seismic design requirements.

Identification and planning for all maintenance of plant operation (MOPO) activities will be included in our Baseline Construction Schedule as detailed in Specification Section 01 14 16 (a detailed preliminary project schedule can be found in Appendix B of this proposal. Below are three critical shutdowns where coordination with MOPO personnel will be key as we work together to minimize the disruption to plant operations:

- Shutdown No. 1 – Connect Temporary Outlet Pipe to HMB Tank No. 3 and Distribution Pipe
- Shutdown No. 2 – Install 16" Valve on Existing HMB Tank No. 2 Inlet Pipe
- Shutdown No. 3 – Connect Combined 24" Outlet Pipe to HMB Tank No. 3 and Distribution Piping

In addition to the above shutdowns, early in preconstruction planning, it will be important to focus on the critical path activities to successfully achieve project milestones:

- Coordination with PG&E/AT&T/Verizon for Utility Relocation
- Coordination with Verizon to Remove Existing Antennas & Cabling.

As shown above, due to the need to coordinate with outside entities such as PG&E and Verizon as shown to remove and relocate their existing property at the site, DN Tanks proposes an efficient approach which will allow for our team to make progress in the background while these entities complete their work. Detailed planning will focus on two (2) phases of construction consisting of a Limited Notice to Proceed (LNTP) and a Full Notice to Proceed (NTP).

Project Understanding & Approach

Limited Notice to Proceed (LNTP)

DN Tanks will begin work upon receiving the LNTP, and during this phase our team will proceed with the following:

- Submittals
 - SWPPP, pipe & valves, sitework, tank design, electrical, and instrumentation

Upon approval of the SWPPP submittal DN Tanks will mobilize in a limited manner to establish erosion and sedimentation controls and construction access to the site. Other activities will be initiated to support the scopes of work to be completed by others. Activities include:

- Install SWPPP and construction access
- Locate existing electrical / instrumentation duct banks via potholing by Electrical Sub
- Install New PG&E and Verizon Duct Banks along west side of the tank site
- PG&E relocates electrical (coordination between CCWD and PG&E)
- Verizon Relocates Cables (coordination between CCWD and Verizon)
- Verizon Removes Antennas / Cabling from HMB Tank No. 1 (coordination between CCWD and Verizon)

Full Notice to Proceed (NTP)

Upon completion of the LNTP the Owner will issue Full NTP to DN Tanks starting the 480-calendar day construction duration. Areas of sequential and overlapping activities are shown in the detailed schedule in Appendix B, and the main phases of work are divided into the following elements:

- **Install 24" Temporary Outlet Pipe to HMB Tank No.3 and Distribution Piping**
 - Install above ground on west side of tank site.
 - **MOPO Shutdown No.1**
- **Demolition and Removal of HMB Tank No.1 and No.2**
 - Lead paint abatement of tanks and above grade piping.
 - Demolition and haul-off of steel tanks.
 - Removal of Oil sand
 - Removal of concrete footings
 - Relocate Analyzer



Project Understanding & Approach

- **Tank Excavation and Removal of Existing HMB Tanks No.1 and No.2 Yard Piping**

- Locate and remove all abandoned yard piping.
- Excavate for new tank.
- Install Inlet / Outlet concrete pipe encasements.
- Install Leveling Base Course
- Install 30 Mil Leak detection liner.
- Install aggregate base and fine grade.



Tank Site Preparation

- **Construct New 2.1 MG Prestressed Concrete Tank**

- Floor
- Walls
- Vertical Prestressing
- CIP Dome Roof
- Prestressing and shotcreting
- F&I interior piping
- Install submersible mixer
- F&I appurtenances
- Perform Leak Test
- Backfill around tank
- Install electrical and instrumentation conduct and wiring
- Place tank in-service



Floor Slab and Corewalls



Freespanning Concrete Dome Construction



External Prestressing

Project Understanding & Approach

- **Install New Yard Piping**
 - 16" Inlet Pipe & Valve
 - **MOPO #2**
 - 24" Combined Outlet Piping
 - **MOPO #3**
 - 2" Service Line
 - 16" Overflow Piping
 - 6" Drain Piping
 - Leak Detection / Drain Piping
 - 20" Interconnection Piping



Tank Electrical/Instrumentation Conduits

- **Install New Electrical and Instrumentation**
 - Electrical
 - Power for Tank Mixer
 - Power for Tank No. 3 Mixer
 - Power for Modulating Valve Electronic Actuator
 - Power for 4 x 8 Hatch Intrusion Detection
 - Power for 4 x 4 Hatch Intrusion Detection
 - Power for PLC
 - Power for Analyzer Panel
 - Power for Gate Actuator
 - Power to Gate Operator



Tank Mixer

- **Instrumentation**
 - Tank Mixer
 - Tank No.3 Mixer
 - Modulating Valve Electronic Actuator
 - 4 x 8 Hatch Intrusion Detection
 - 4 x 4 Hatch Intrusion Detection
 - Level Transmitter
 - Tank No. 3 Level Transmitter
 - Analyzer
- **Site Restoration**
 - Backfill and fine grade around tank
 - F&I concrete pavement around new tank
 - Install new 24" x 16" wide precast concrete channel with H-20 grating
 - Full-Depth Recycling Soil Stabilization / Asphaltic Concrete Paving for new Roadway
 - Replace and install new concrete drainage V-ditch
 - Furnish and install new motorized security gate and relocate card reader
 - Install new chain link fence



Tank Site – Finished Paving

Project Understanding & Approach

Project Closeout and Completion

At the conclusion of all major scope items DN Tanks will review completed work with stakeholders as needed to make sure expectations were achieved. DN Tanks will review punch list items to ensure the project has been completed in its entirety to the satisfaction of all stake holders. It is DN Tanks' goal to deliver a successful project and these efforts will provide DN Tanks the ability to meet expectations. DN Tanks will support the operations team at CCWD to commission the new tank and make sure the new tank is operating as intended. Once the project is completed, DN Tanks will submit all final project documents.

Value of DN Tanks as General Contractor – Experience

With over 60 years of prestressed concrete tank design and construction experience, including over 3,000 as tank contractor and over 1,000 as general contractor, DN Tanks has the necessary experience and team to deliver a successful project for Coastside County Water District. Selecting DN Tanks as the general contractor will be an advantage to the District as it will streamline the typical lengthy procurement process while keeping the project on schedule and on budget while reducing the risk of change orders. **Because the prestressed concrete tank is the single largest scope item in the project, DN Tanks as a GC will save the District significantly in terms of typical markups of this scope item.** We are also committed to ensuring that access to the Nunes Water Treatment Plant is uninterrupted to the greatest extent possible.

DN Tanks will accomplish a successful project by:

- Coordinating and communicating schedule with the District on a regular basis as well as considering how we plan and execute our work phase to ensure access to the active Nunes WTP.
- DN Tanks is committed to meeting the District’s AIS goals and will ensure AIS is met for the overall project to the greatest extent possible.
- Value engineering will be top of mind. DN Tanks is committed to identifying and communicating items with respect to constructability, efficiency, or unanticipated changes.
- Risk to the District is mitigated with engineering, supply chain, and construction managed by one party.
- Approval of this proposal will allow for an accelerated project schedule because DN Tanks is ahead of the curve on critical path items, and the procurement process will allow for an early start on project planning, submittals, and scheduling.

Below, are examples of similar projects for other water agencies that highlights DN Tanks’ experience constructing prestressed concrete tanks as a general contractor and/or tank builder including a few Bay Area projects. Additional references and experience lists are provided throughout this proposal.



Location: Jamul, CA
Year Completed: 2009
Project: 2.0 MG Ground Storage Tank
Owner: Otay Water District
DN Tanks Scope: General Contractor
Engineer: By Owner – Otay Water District



Location: San Antonio, TX
Year Completed: 2023
Project: 2.0 MG Ground Storage Tank
Owner: San Antonio Water System
DN Tanks Scope: General Contractor
Engineer: Tetra Tech, Inc.

Value of DN Tanks as General Contractor – Experience



Location: Laredo, TX
Year Completed: 2022
Project: 4.0 MG Ground Storage Tank
Owner: City of Laredo
DN Tanks Scope: General Contractor
Engineer: Arudurra Engineering



Location: San Francisco, CA
Year Completed: 2021
Project: (3) 1.5 MG Ground Storage Tanks
Owner: SFPUC
DN Tanks Scope: Tank Subcontractor/Builder
Engineer: BKF



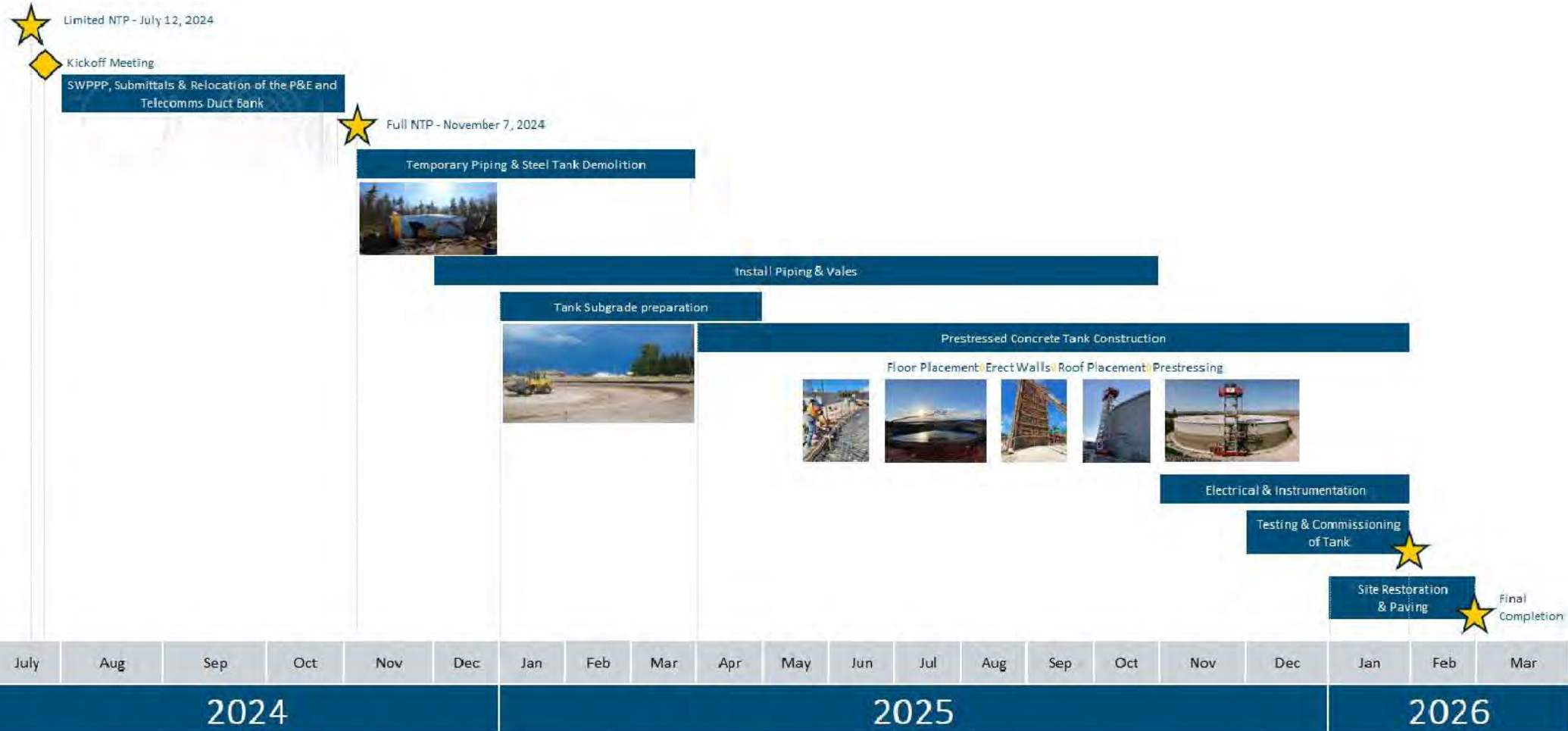
Location: Montara, CA
Year Completed: 2015
Project: 0.50 MG Tank
Owner: Montara Water and Sanitary District
DN Tanks Scope: Tank Subcontractor/Builder
Engineer: SRT Consultants



Location: Richmond, CA
Year Completed: 2023
Project: (2) 1.0 MG WW Tanks
Owner: West County Wastewater District
DN Tanks Scope: Tank Subcontractor/Builder
Engineer: Engie

Half Moon Bay Project Schedule

Coastside County Water District, 2.10 MG Tank



HALF MOON BAY CONSTRUCTION PROJECT TEAM



Sitework

Electrical

Instrumentation

Demolition

Concrete Supply



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Safety Approach

COMMITMENT TO SAFETY – MAINTAINING A STRONG CULTURE OF SAFETY

Safety is a core value at DN Tanks and we are passionate about ensuring the continuous improvement of our Accident Prevention Safety Program (APSP) with the expectation that it will enable the ongoing safety of our workers on jobsites across our operational footprint. We strive to maintain a strong culture of safety on our jobsites through personal safety leadership, which requires a strong focus on commitment, communication, and compliance. Our organization has made significant

investments in managing the safety of our workforce and are confident that this dedication will continue to elevate our safety performance and the development of our culture in a way that transforms our business to becoming best in class in safety.



Morning stretch & flex

For the Coastside County Water District’s Half Moon Bay Concrete Tank Project DN Tanks’ Project Manager and Superintendent will work in close coordination with our Corporate Safety Director and Operations to develop a Site-Specific Safety Plan (SSSP). Our Safety Team will be responsible for working with our Project Team to promote proactive safety management and training to eliminate unsafe acts, behaviors, work practices, or conditions. Our Superintendent will focus on driving the management of the SSSP with our Project Team by performing safety observations and inspections, to ensure we are incorporating the best safe work practices into each operation. We are committed to maintaining a strong Culture of Safety through continued education in safety for all our processes necessary for the successful execution of this project.



Onsite training and safety review

Year	EMR	TRIR	Total Manhours	DART
2023	0.74	1.04	1,535,400	0.52
2022	0.74	1.80	1,442,700	0.83
2021	0.80	1.06	1,321,954	0.76
2020	0.76	1.20	1,165,561	0.86
2019	0.73	2.77	1,154,046	1.91

“Our Employees are our most important asset – their safety, our greatest responsibility.”

Section 02

Proposal Bid Documents



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SECTION 00 52 12

PROPOSAL

TO: Coastside County Water District

PROJECT TITLE:

1.01 Half Moon Bay Prestressed Concrete Tank

ARTICLE 2—BIDDER'S DECLARATIONS AND AGREEMENTS

- 2.01 The undersigned, hereinafter called the Bidder, hereby proposes to perform all work and to furnish all labor, services, materials (except those specifically described in the Contract Documents as being furnished by the District), tools, equipment, supplies, transportation and all other items and facilities necessary to complete all work for the above-named Project as specified or indicated in the Contract Documents for the price set forth below in this Proposal.
- 2.02 The Bidder has carefully examined all of the Contract Documents for the Project, including the Notice to Contractors, this Proposal and documents submitted together with it, the Contract, the General Conditions, the Special Provisions, the
- 2.03 Specifications, the Contract Drawings, and all Addenda. All provisions of the Contract Documents are hereby accepted and all representations and warranties required thereby are hereby affirmed.
- 2.04 The Bidder has by investigation of the site of the work and otherwise satisfied itself as to the nature, scope and location of the work and has fully informed itself as to all conditions and matters which can in any way affect the work or the cost thereof, including quantities of materials and equipment required. The Bidder has exercised its own judgment regarding the interpretation of subsurface information and has utilized all data which it believes pertinent from the District and other sources in arriving at his conclusions.
- 2.05 The Bidder has carefully checked all words and figures inserted in this Proposal and understands that it may not be revoked or withdrawn for 75 days after the date on which Proposals are opened.

ARTICLE 3—CONTRACT EXECUTION AND BONDS

- 3.01 The Bidder agrees that if this Proposal is accepted, it will, within 15 days after having received notice of award, sign and deliver the Contract in the form included in the

Contract Documents and will at that time deliver to the District the Performance Bond and Payment Bond required herein.

ARTICLE 4—CERTIFICATES OF INSURANCE

4.01 The Bidder agrees that if this Proposal is accepted, it will, within 15 days furnish the District with certificates and/or policies of insurance as specified in the Contract Documents.

ARTICLE 5—START OF CONSTRUCTION AND CONTRACT COMPLETION TIME

5.01 The Bidder agrees to begin work within ten (10) days after the effective date of the Notice to Proceed and to complete the work, in all respects, within Four Hundred and Eighty (480) days after the effective date of the Notice to Proceed.

ARTICLE 6—LIQUIDATED DAMAGES

6.01 If the Bidder is awarded the Contract but fails to complete the work within the Contract time limit set forth above, or as it may be extended as provided in the Contract Documents, Bidder agrees to pay liquidated damages to the District at the rate of One Thousand Five Hundred Dollars (\$1,500) per day until the work is completed.

ARTICLE 7—ADDENDA

7.01 The Bidder hereby acknowledges that he has received the following attached Addenda Nos.: no addenda (Bidder: insert number of each Addendum received and attach copy to this Proposal) and agrees that all Addenda issued are a part of the Contract Documents. The Bidder agrees that this Proposal includes all impacts resulting from these Addenda.

ARTICLE 8—SALES AND USE TAXES

8.01 The Bidder agrees that all federal, State and local sales and use taxes are included in the price for the work set forth below.

ARTICLE 9—BID PRICE

9.01 Lump Sum Bids

A. The Bidder agrees to accept as full payment for the construction of the Project, in accordance with the Contract Documents, the amount computed in accordance with the following prices, which includes all costs for labor, materials, tools, equipment, services, taxes, insurance, overhead, profit, warranty performance and all other costs necessary to perform the work in accordance with the Contract Documents. It is expressly agreed that unit prices are not dependent on the exact quantity furnished. Show prices in both words and figures. In case of a discrepancy, the amount in words has precedence.

B. Lump Sum Price (Single Lump Sum)

INCLUDE BOTH WORDS AND FIGURES

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total
1	Mobilization (not to exceed 5% of the total bid price)	L.S.	1	\$ 497,900 Four hundred ninety-seven thousand nine hundred dollars	\$ 497,900 Four hundred ninety-seven thousand nine hundred dollars
2	Sheeting, shoring and bracing	L.S.	1	\$ 87,400 Eighty-seven thousand four hundred dollars.	\$ 87,400 Eighty-seven thousand four hundred dollars.
3	All work required to complete the project as set in the contract documents except items 1,2, and 3 above	L.S.	1	\$ 10,383,651 Ten million three hundred eighty-three thousand six hundred fifty-one dollars.	\$ 10,383,651 Ten million three hundred eighty-three thousand six hundred fifty-one dollars.
	Total Lump Sum Bid Price (sum of 1 – 3)	L.S.	1	\$ 10,968,951 Ten million nine hundred sixty-eight thousand nine hundred fifty-one dollars	\$ 10,968,951 Ten million nine hundred sixty-eight thousand nine hundred fifty-one dollars

David Gourley
Signature of authorized person

June 7, 2024
Date

David Gourley, Executive VP of Special Operations
Printed Name and Title

From: [Xu, Arthur](#)
To: [Bernhard, Tyler](#)
Cc: [Banks, Lynda](#); [Hernandez, Antonio](#); [Gourley, Dave](#); [Stratton, Rich](#)
Subject: RE: DN Tanks - HMB RFI
Date: Tuesday, June 4, 2024 3:40:15 PM

This message originated from outside DN Tanks



Hi Tyler,

See our responses below:

HDR is okay with moving the duck bank inside of the fence line as long as it works with the tank wrapping machine's clearance to the tank wall. We also don't see a problem with the temporary shoring between the new tank excavation and the existing fenceline. We leave this to the means and methods of the contractor.

On your other note about concrete air entrainment. We are okay with removing this requirement given the climate in Half Moon Bay.

Arthur Xu, P.E.
D 925.322.3464

hdrinc.com/follow-us

From: Bernhard, Tyler <Tyler.Bernhard@dntanks.com>
Sent: Thursday, May 30, 2024 7:05 AM
To: Xu, Arthur <arthur.xu@hdrinc.com>
Cc: Banks, Lynda <Lynda.Banks@dntanks.com>; Hernandez, Antonio <Antonio.Hernandez@dntanks.com>; Gourley, Dave <Dave.Gourley@dntanks.com>
Subject: DN Tanks - HMB RFI

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Arthur,

Please see RFI below for the Half Moon Bay Concrete Tank Project.

DRAWINGS

- a. Plan Sheet 01E100 and 01E101 Shows the relationship of the new conduits and duct banks feeding the Verizon / AT&T Building and the Pumphouse located by Tank 3 to the existing chain link fence. The drawing call for a three feet minimum distancebetween the duct banks and the existing fence.

On our job site visit on May 22, 2024 we noticed the dirt bank outside of the fence line drops off severely about 2” +/- outside the fence.

We are proposing to move the duct bank inside of the fence line approximately 1’ +/- inside of the existing fence line.

We will provide temporary shoring between the new tank excavation and the existing fence line resulting in approximately 4’ of distance between the existing fence and the shored excavation.

We anticipate the new duct banks and pull boxes will be installed prior to the new tank excavation.

Sent From Device

Tyler Bernhard

Regional Manager

916.426.5838

www.dntanks.com

[Redacted Signature]

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**, an innovator in Software as a Service (SaaS) for business. Providing a **safer** and **more useful** place for your human generated data. Specializing in; Security, archiving and compliance. To find out more [Click Here](#).

LIST OF SUBCONTRACTORS

The Bidder is required to furnish the following information in accordance with the provisions of Sections 4100 to 4114, inclusive of the Public Contract Code of the State of California.

Name Under Which Subcontractor is Licensed	License Number	Address of Place of Business	Portion of Work to be Done under Subcontract
Andreini Brothers Inc.	239322	151 Main Street Half Moon Bay CA 94019	Sitework
Atlas/Pellizzari Electric Inc.	375862	450 Howland Street Redwood City CA 94062	Electrical
JM Environmental, Inc.	693564	PO Box 2189 Granite Bay CA 95746	Demolition / Abatement
Calcon Systems, Inc	C10-508284	12919 Alcosta Blvd, Suite 9 San Ramon CA 94583	Instrumentation
Half Moon Bay Building and Garden	Not applicable	119 Main Street Half Moon Bay CA 94019	Concrete Supplier

Do not list alternative subcontractors for the same work.

SIGNATURE

1. If Sole Owner

I sign as sole owner of the business named above as Bidder.

Not applicable
Signature of Bidder

Name: _____ Date: _____, 20__.

Business telephone no.: () _____

2. If Partnership

The undersigned certifies that he/she is a general partner in the Partnership named above as Bidder and that he/she has full authority to sign this Proposal on behalf of the Partnership.

Not applicable
Signature of Partner

Name: _____ Date: _____, 20__.

Business telephone no.: () _____

3. If Corporation

The undersigned certify that they are officers of the Corporation named above as Bidder and have full authority to sign this Proposal on behalf of the Corporation.

DN Tanks, LLC
Name of Corporation

11 Teal Rd

Wakefield MA 01880
Address of Corporation

BY David Gourley Date: 6/7, 2024
Signature

Name: David Gourley
Print

Title: Executive Vice President of Special Operations

Attest: [Signature]
Secretary Matthew Ford, Assistant Secretary

Business telephone no. () (619) 440-8181

(If person executing on behalf of Corporation is not the President or Vice President, attach evidence of authority to sign on behalf of Corporation.)

4. If Joint Venture

The undersigned certify that they have full authority to sign this Proposal on behalf of the Joint Venture named above as Bidder.

Not applicable
Name of Joint Venture

BY _____ BY _____
Signature Signature

Name: _____ Name: _____
Print Print

Title: _____ Title: _____

Date: _____, 20__ Date: _____, 20__

Business telephone no.: () _____

(Submit statement explaining the nature of the individual entities which comprise the Joint Venture and evidence of authority of individuals who sign this Proposal to do so on behalf of the Joint Venture.)

NON-COLLUSION AFFIDAVIT

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

State of California)

County of San Diego

David Gourley, being first duly sworn, deposes and says that he or she is Executive Vice President of Special Operations (sole owner, _____ of _____ a partner, president, secretary, etc.)

DN Tanks, LLC, the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and 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; that 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, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly, or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

David Gourley
Signature of Representative of Bidder

Subscribed and sworn to before me, a Notary Public in and for the State of California, County of _____, this __ day of _____, 20__.

Signature of Notary Public (Seal)

My commission expires _____, 20__. See Attached

CALIFORNIA JURAT WITH AFFIANT STATEMENT

GOVERNMENT CODE § 8202

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

Signature of Document Signer No. 1

Signature of Document Signer No. 2 (if any)

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

Subscribed and sworn to (or affirmed) before me
 on this 4 day of June, 2024,
 by _____
Date Month Year

(1) David Gourney
 (and (2) - N/A -),
Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence
 to be the person(s) who appeared before me.

Signature *Terra Smitley*
Signature of Notary Public



Seal
 Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____
 Number of Pages: _____ Signer(s) Other Than Named Above: _____

AMERICAN IRON AND STEEL REQUIREMENTS

1. Identification of American-made Iron and Steel Products: The Bidder certifies that this Bid reflects the Bidder's best, good faith effort to identify domestic sources of iron and steel products for every component contained in the Bid solicitation where such American-made components are required. The term "iron and steel products" refers to the following products made primarily of iron or steel - pipes and pipe fittings, and valves. American-made refers to products that have at least 50% of the components manufactured in the US or if the product is assembled in the US.

2. Warranty of Bidder: The Bidder hereby represents and warrants to and for the benefit of the District that (a) Bidder has reviewed and understands the American Iron and Steel Requirement, and (b) if the bid is selected, all of the iron and steel products identified above used in the project will be produced in the United States as required by the Owner.

David Gourley

Signature

June 7, 2024

Date

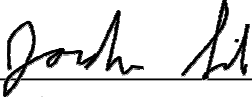
David Gourley, Executive Vice President of Special Operations

Name and Title of Signer (Please Print)

AMERICAN IRON AND STEEL REQUIREMENTS

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2. Warranty of Bidder: The Bidder hereby represents and warrants to and for the benefit of the District that (a) Bidder has reviewed and understands the American Iron and Steel Requirement, and (b) if the bid is selected, all of the iron and steel products identified above used in the project will be produced in the United States as required by the Owner.



Signature

June 5, 2024

Date


Jordan Sink, Estimator/Project Manager

Name and Title of Signer (Please Print)

AMERICAN IRON AND STEEL REQUIREMENTS

1. Identification of American-made Iron and Steel Products: The Bidder certifies that this Bid reflects the Bidder's best, good faith effort to identify domestic sources of iron and steel products for every component contained in the Bid solicitation where such American-made components are required. The term "iron and steel products" refers to the following products made primarily of iron or steel - pipes and pipe fittings, and valves. American-made refers to products that have at least 50% of the components manufactured in the US or if the product is assembled in the US.

2. Warranty of Bidder: The Bidder hereby represents and warrants to and for the benefit of the District that (a) Bidder has reviewed and understands the American Iron and Steel Requirement, and (b) if the bid is selected, all of the iron and steel products identified above used in the project will be produced in the United States as required by the Owner.



Signature

6/5/24

Date
John Kottmeier (V.P.)

Name and Title of Signer (Please Print)



**CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE**



License Number **1080890**

Entity **LLC**

Business Name **DN TANKS LLC**

Classification(s) **A**

Expiration Date **09/30/2025**

www.cslb.ca.gov



Any change of business address/name must be reported to the Registrar within 90 days.

This license is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

This pocket card is valid through the expiration date only.

**If found, drop in any mailbox
Postage guaranteed by:
Contractors State License Board
P O Box 28000 Sacramento CA 95828**

Licensee Signature



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DN TANKS LLC

Secretary's Certificate

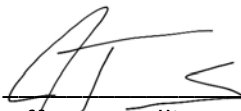
The undersigned, being a duly elected Secretary of DN Tanks LLC, a Delaware limited liability company (the "**Company**"), does hereby certify that:

The following is a complete, true and correct list of the officers of the Company as of the date set forth below, as elected by the Board of Directors of the Company.

William F. Crowley	President & Chief Executive Officer
Michael Azarela	Executive Vice President, Treasurer
Jeffrey C. Tellier	Director of Finance, Secretary
Andrew Minogue	Vice President of Engineering, Assistant Secretary
Stephen M. Kane	Assistant Secretary
Erin Colliton	Assistant Secretary
JoAnn C. Caster	Assistant Secretary
Matthew Ford	Assistant Secretary
Thomas P. Christie	Executive Vice President of Work Acquisition
David Gourley	Executive Vice President of Special Operations
Stephen Boyle	Senior Vice President of Estimating
James P. Diggins	Vice President of Construction, East Region
Christopher R. Brown	Vice President of Construction, Central Region
Michael J. Dufresne	Vice President of Construction, West Region
Atticus Mulholland	Construction Manager
Denise Vuilleumier	Director of Human Resources

IN WITNESS WHEREOF, the undersigned has executed this Certificate as of the 3rd day of April, 2024.

DN TANKS LLC

By: 
Jeffrey C. Tellier
Secretary

From: [Eggers, Grant](#)
To: [Banks, Lynda](#)
Subject: FW: RFI - HMB Pre-Stressed Tank Project
Date: Wednesday, June 5, 2024 2:46:41 PM

From: reverett@calcon.com <reverett@calcon.com>
Sent: Wednesday, June 5, 2024 2:03 PM
To: Eggers, Grant <grant.egggers@dntanks.com>
Subject: RFI - HMB Pre-Stressed Tank Project

This message originated from outside DN Tanks

Hey Grant,

RFI #1 – The existing Depolox unit responsible for providing CL2, pH and temperature to the existing and new PLC system is slated to be repurposed and designed into the new Analyzer Panel. After discussion with CCWD it has been determined that they prefer a new unit to be designed into the new Analyzer panel. The old Depolox will be removed with the old panel and given to CCWD. This removes the complication of maintaining CL2 and pH reporting/data to the main plant control system without interruptions of less than 1 day.

CCWD have a specific brand and unit they would like to use. I will need the specifications/part numbers so that we can send out RFP.

Thanks,

Rudy Everett

Calcon Systems, Inc.
12919 Alcosta Blvd., Suite 9
San Ramon, CA 94583
Mobile: 925-570-4610



reverett@calcon.com

<http://calconsystems.com>

Section 03

Assumptions and Clarifications



BUILT
FOR THE FUTURE

List of Assumptions and Clarifications

Due to the nature of this procurement, no formal addenda have been issued for the Half Moon Bay Prestressed Concrete Tank Project. DN Tanks provides the items below to document the direction given, clarified, and incorporated as part of this proposal:

1. A separate office trailer will not be provided for the Owner's representative (Engineer, Inspector, CM, etc.). DN Tanks will provide an office for the Owner's representative within the DN Tanks trailer due to the limited space available at the site.
2. A critical activity that must be performed by others prior to the commencement of construction and demolition activities is the work to be performed by PG&E, and the telecommunications companies to relocate their lines at the site. Therefore, DN Tanks respectfully requests that a limited /administrative notice to proceed (LNTP) be given to DN Tanks to allow for the relocation of existing utilities, installation of SWPPP BMPs, and allow for submittals and procurement to begin so as to NOT start the 480-calendar day contract duration. The scheduling and performance of work by these "other" utilities cannot be accurately accounted for by DN Tanks at this time. Upon relocation and installation of these temporary utilities and completion of the work by PGE and the communication companies, DN Tanks requests that a full notice to proceed (NTP) be given at that time. Please see the Project Approach and Schedule Summary in this proposal.
3. DN Tanks assumes that concrete air entrainment is not required given the climate in Half Moon Bay and the response from HDR.
4. DN Tanks assumes that moving the concrete duct bank within the existing fence line is acceptable to the Owner and Engineer as long as it is clear of the prestressing machine's clearance requirements per the response from HDR.
5. Instrumentation RFI – The existing Depolox unit responsible for providing CL2, pH and temperature to the existing and new PLC system is slated to be repurposed and designed into the new Analyzer Panel. After discussion with CCWD it has been determined that they prefer a new unit to be designed into the new Analyzer panel. The old Depolox will be removed with the old panel and given to CCWD. This removes the complication of maintaining CL2 and pH reporting/data to the main plant control system without interruptions of less than 1 day. CCWD has a specific brand and unit they would like to use and that the specifications/part numbers will be provided to us.
6. Asphalt paving at the tank site and road shall be per the design detail showing 4-inches of AC and 16-inches of aggregate base per Detail 2, Sheet 01C301. It is assumed the FDR is only required within the existing roadway. It is also assumed that recycled aggregate can be used throughout the site and that imported virgin aggregate is not required.
7. Recycled CI-II base rock shall be used in 16" section of paving around new tank (not virgin rock). Virgin rock is to be used under the tank only.
8. Existing road shall be pulverized, full depth cement treated condition, and paved with 4" of new asphalt.

Section 04
Design Benefits of AWWA D110
Prestressed Concrete



BUILT
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Design Benefits of AWWA D110 Prestressed Concrete Tanks

Introduction

DN Tanks prestressed concrete tanks are designed and constructed in accordance with AWWA Standard D110 and are proven through decades of successful experience and thousands of installations. The key features of a D110 are maximum structural durability combined with long-term performance and negligible maintenance. This provides an owner with assurance of the lowest cost of ownership as compared to various other types of water tanks.

Local Involvement

When investment is made in a prestressed concrete tank, a large portion of the construction cost is immediately reinvested in the local economy for construction materials, equipment, and labor that supplements our experienced tank construction team. This provides an economic boost locally as a result of the concrete storage tank construction project. We provide design, construction supervision, quality control, and specialized labor. The majority of the material cost for construction of the tank is from local sources including concrete, reinforcing steel, lumber for forms, and equipment rentals. We estimate that 60-70% of the total construction cost is reinvested into the local economy. DN Tanks has also worked with hyper-local Half Moon Bay, CA located subcontractors to secure them as part of our construction team.



Future Maintenance Cost

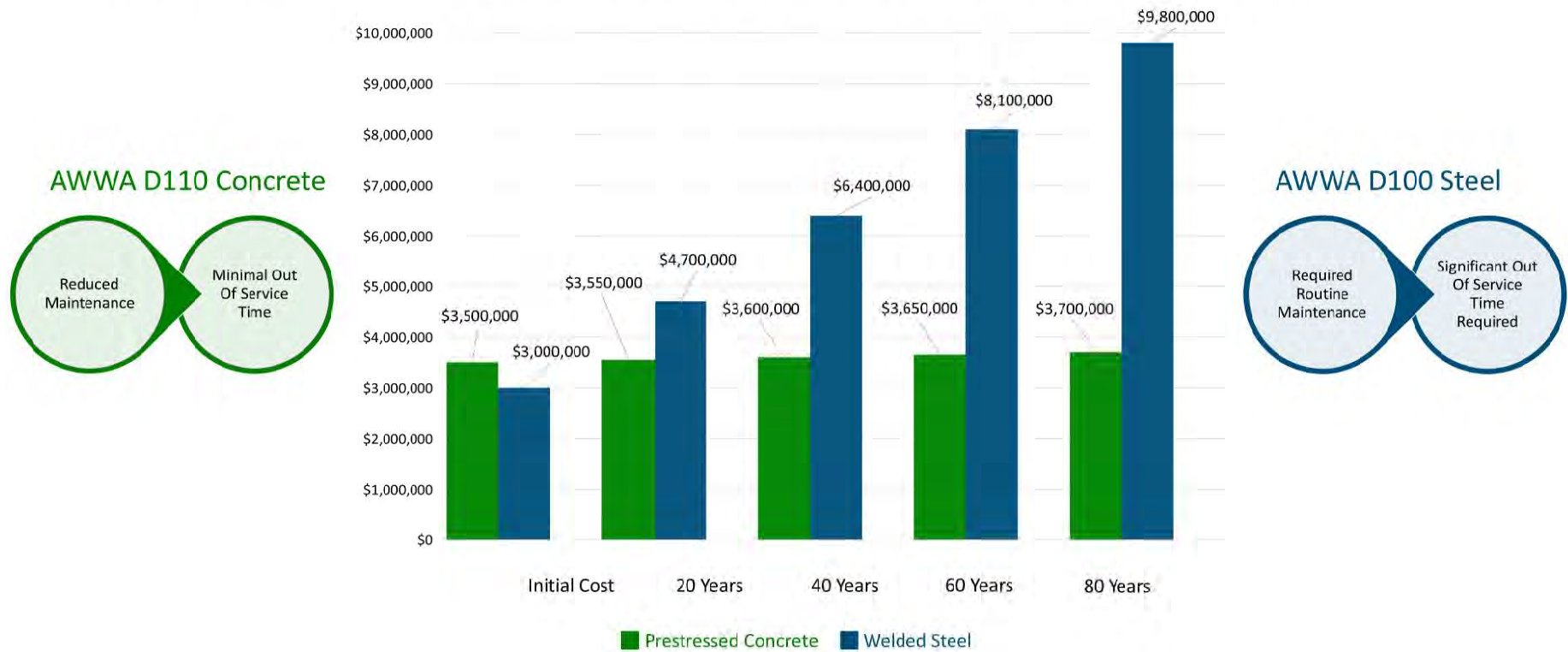
The first item to determine is the life expectancy of the type of water storage tank. Both welded steel and strand-wound prestressed concrete will last 75 years with proper maintenance and operation. The difference is how much maintenance each tank requires to achieve a 75-year usable life. Due to the difficulty of accurately predicting long-term economic conditions, varying rates of inflation, or changes in regulations affecting coating systems, we find that the most conservative approach is to assume an equivalent ability to pay for maintenance now and in the future.

Routine maintenance for a welded steel tank is a requirement to fully realize the useful life of the tank. Selecting the correct type of coatings, inspection, proper preparation, and application is just part of the determining factors for painting welded steel tanks. Most experts agree that a “perfect paint job” is nearly impossible to achieve in field applications. For this reason, cathodic protection is required for steel tanks to help protect the steel under the protective coatings.

The watertightness and structural integrity of welded steel tanks heavily rely upon high performance coatings and cathodic protection systems which need to be maintained periodically throughout the useful service life. If periodic maintenance is not completed or is delayed, corrosion of the steel can significantly impact the useful service life.

A prestressed concrete tank eliminates the need for internal coatings and cathodic protection since the inside surface of the tank is concrete. DN Tanks has a decades long track record of providing reliable storage without the requirement of expensive maintenance or down time of the tank. Please see a life cycle analysis comparing welded steel to prestressed concrete, provided on following page.

2.1 MG Tank - Lifecycle Cost Analysis Based on 80-Years



Section 05 Appendices

- Appendix A – Qualifications Statement
- Appendix B – Preliminary Construction Schedule
- Appendix C – Site Layout



Appendix A

Qualifications Statement



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1.0 PURPOSE AND INTENDED USE OF THE DOCUMENT

QUALIFICATIONS STATEMENT

ARTICLE 1—GENERAL INFORMATION

1.01 Provide contact information for the Business:

Legal Name of Business:	DN Tanks, LLC		
Corporate Office			
Name:	Stephen Boyle	Phone number:	(781) 246-1133
Title:	Sr. Vice President of Estimating	Email address:	steve.boyle@dntanks.com
Business address of corporate office:	11 Teal Road		
	Wakefield MA 01880		
Local Office			
Name:	David Gourley	Phone number:	(619) 440-8181
Title:	Exec Vice President - Special Projects	Email address:	dave.gourley@dntanks.com
Business address of local office:	351 Cypress Lane		
	El Cajon CA 92020		

1.02 Provide information on the Business’s organizational structure:

Form of Business:	<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation		
<input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> Joint Venture comprised of the following companies:			
1.	N/A		
2.			
3.			
Provide a separate Qualification Statement for each Joint Venturer.			
Date Business was formed:	01/01/2020	State in which Business was formed:	DE
Is this Business authorized to operate in the Project location?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Pending	

1.03 Identify all businesses that own Business in whole or in part (25% or greater), or that are wholly or partly (25% or greater) owned by Business:

Name of business:	N/A	Affiliation:	
Address:			
Name of business:		Affiliation:	

Address:			
Name of business:		Affiliation:	
Address:			

1.04 Provide information regarding the Business's officers, partners, and limits of authority.

Name:	William F. Crowley	Title:	President and CEO
Authorized to sign contracts:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$ Unlimited
Name:	Michael Azarela	Title:	Executive Vice President, Operations
Authorized to sign contracts:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$ Unlimited
Name:	Jeffrey Tellier	Title:	Secretary
Authorized to sign contracts:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$ Unlimited
Name:	Thomas Christie	Title:	Executive Vice President, Sales

Authorized to sign contracts: Yes

Limit of Authority:

Unlimited

ARTICLE 2—LICENSING

2.01 Provide information regarding licensure for Business:

Name of License:	Class A - General Engineering		
Licensing Agency:	California Contractors State License Board		
License No:	1080890	Expiration Date:	09/30/2025
Name of License:	Not applicable		
Licensing Agency:			
License No:		Expiration Date:	

ARTICLE 3—DIVERSE BUSINESS CERTIFICATIONS

3.01 Provide information regarding Business's Diverse Business Certification, if any. Provide evidence of current certification.

Certification	Certifying Agency	Certification Date
<input type="checkbox"/> Disadvantaged Business Enterprise	Not Applicable	
<input type="checkbox"/> Minority Business Enterprise		
<input type="checkbox"/> Woman-Owned Business Enterprise		
<input type="checkbox"/> Small Business Enterprise		
<input type="checkbox"/> Disabled Business Enterprise		
<input type="checkbox"/> Veteran-Owned Business Enterprise		
<input type="checkbox"/> Service-Disabled Veteran-Owned Business		
<input type="checkbox"/> HUBZone Business (Historically Underutilized) Business		

<input type="checkbox"/> Other			
<input type="checkbox"/> None			

ARTICLE 4—SAFETY

4.01 Provide information regarding Business’s safety organization and safety performance.

Name of Business’s Safety Officer:	Jack Brazil, VP, Director of Safety		
Safety Certifications			
Certification Name	Issuing Agency		Expiration
Certified Safety Professional	Board of Certified Safety Professionals		6/30/26
Construction Health & Safety Technician	Board of Certified Safety Professionals		6/30/26

4.02 Provide Worker’s Compensation Insurance Experience Modification Rate (EMR), Total Recordable Frequency Rate (TRFR) for incidents, and Total Number of Recorded Manhours (MH) for the last 3 years and the EMR, TRFR, and MH history for the last 3 years of any proposed Subcontractor(s) that will provide Work valued at 10% or more of the Contract Price. Provide documentation of the EMR history for Business and Subcontractor(s).

Year	2023			2022			2021		
Company	EMR	TRFR	MH	EMR	TRFR	MH	EMR	TRFR	MH
DN Tanks, LLC	0.74	1.04	1.53M	0.74	1.69	1.44M	0.80	1.06	1.32M

ARTICLE 5—FINANCIAL

5.01 Provide information regarding the Business’s financial stability. Provide the most recent audited financial statement, and if such audited financial statement is not current, also provide the most current financial statement.

Financial Institution:	Citizens Bank		
Business address:	1 Citizens Drive Riverside RI 02915		
Date of Business’s most recent financial statement:	4/30/24	<input checked="" type="checkbox"/> Attached	
Date of Business’s most recent audited financial statement:	12/31/23	<input checked="" type="checkbox"/> Attached	
Financial indicators from the most recent financial statement			
Contractor’s Current Ratio (Current Assets ÷ Current Liabilities)			1.91
Contractor’s Quick Ratio ((Cash and Cash Equivalents + Accounts Receivable + Short Term Investments) ÷ Current Liabilities)			1.72

**Financial Statements will be sent by Tricia Camanzo, Corporate Controller, under separate cover.
(781) 246-1133 tricia.camanzo@dentanks.com**

ARTICLE 6—INSURANCE

6.01 Provide information regarding Business’s insurance company(s), including but not limited to its Commercial General Liability carrier. Provide information for each provider.

Name of insurance provider, and type of policy (CLE, auto, etc.):			
Insurance Provider	Type of Policy (Coverage Provided)		
Liberty Mutual Fire Ins Co.	CGL, Auto		
Liberty Mutual Insurance Company	Workers' Compensation		
Zurich American Insurance Company	Builder's Risk		
Steadfast Insurance Company	Pollution/Professional Liability		
Are providers licensed or authorized to issue policies in the Project location?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does provider have an A.M. Best Rating of A-VII or better?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mailing Address (principal place of business):	Broker: Alliant Insurance Services, Inc.		
	125 High Street, Suite 2205		
	Boston MA 02110		
Physical Address (principal place of business):	Same as above		
Phone (main):	(617) 535-7200	Phone (claims):	(800) 362-0000

ARTICLE 7—CONSTRUCTION EXPERIENCE

7.01 Provide information that will identify the overall size and capacity of the Business.

Average number of current full-time employees:	500
Estimate of revenue for the current year:	
Estimate of revenue for the previous year:	

7.02 Provide information regarding the Business’s previous contracting experience.

Years of experience with projects like the proposed project:				
As a general contractor:	55 yrs	As a joint venturer:	N/A	
Has Business, or a predecessor in interest, or an affiliate identified in Paragraph 1.03:				
Been disqualified as a bidder by any local, state, or federal agency within the last 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Been barred from contracting by any local, state, or federal agency within the last 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Been released from a bid in the past 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Defaulted on a project or failed to complete any contract awarded to it? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

Refused to construct or refused to provide materials defined in the contract documents or in a change order? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Been a party to any currently pending litigation or arbitration? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No See Note Below
Provide full details in a separate attachment if the response to any of these questions is Yes.

- 7.03 List all projects currently under contract in Schedule A and provide indicated information.
- 7.04 List a minimum of three and a maximum of six projects completed in the last 5 years in Schedule B and provide indicated information to demonstrate the Business's experience with projects similar in type and cost of construction.
- 7.05 In Schedule C, provide information on key individuals whom Business intends to assign to the Project. Provide resumes for those individuals included in Schedule C. Key individuals include the Project Manager, Project Superintendent, Quality Manager, and Safety Manager. Resumes may be provided for Business's key leaders as well.

ARTICLE 8—REQUIRED ATTACHMENTS

- 8.01 Provide the following information with the Statement of Qualifications:
 - A. If Business is a Joint Venture, separate Qualifications Statements for each Joint Venturer, as required in Paragraph 1.02.
 - B. Diverse Business Certifications if required by Paragraph 3.01.
 - C. Certification of Business's safety performance if required by Paragraph 4.02.
 - D. Financial statements as required by Paragraph 5.01.
 - E. Attachments providing additional information as required by Paragraph 8.02.
 - F. Schedule A (Current Projects) as required by Paragraph 8.03.
 - G. Schedule B (Previous Experience with Similar Projects) as required by Paragraph 8.04.
 - H. Schedule C (Key Individuals) and resumes for the key individuals listed, as required by Paragraph 8.05.
 - I. Additional items as pertinent.

Response to Question in 7.02:

Been a party to any currently pending litigation or arbitration?

Yes – The company is involved in various legal proceedings arising in the ordinary course of business, some of which are covered in whole or in part by insurance. While the outcome of these proceedings cannot be predicted with certainty, the Company does not believe that any of these proceedings will have a material adverse effect on the financial condition of the Company.

This Statement of Qualifications is offered by:

Business: DN Tanks, LLC
(typed or printed name of organization)

By: David Gourley
(individual's signature)

Name: David Gourley
(typed or printed)

Title: Executive Vice President - Special Projects
(typed or printed)

Date: June 7, 2024
(date signed)

(If Business is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: Matthew Ford
(individual's signature)

Name: Matthew Ford
(typed or printed)

Title: Assistant Secretary
(typed or printed)

Address for giving notices:
DN Tanks, LLC
351 Cypress Lane
El Cajon CA 92020

Designated Representative:
Name: Tyler Bernhard
(typed or printed)

Title: Regional Manager, N. CA
(typed or printed)

Address:
351 Cypress Lane
El Cajon CA 92020

Phone: (916) 426-5838

Email: tyler.bernhard@dntanks.com

SCHEDULE A - CURRENT PROJECTS

Name of Organization	DN Tanks, LLC				
Project Owner	City of Richardson		Project Name	825 Pressure Zome CMAR 5.0MG Storage Tank	
General Description of Project	General Contractor for 5.0MG tank construction with pipework, sitework, electrical				
Project Cost	\$13M				
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Luis Fuzetti	Armando Espinosa	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Moses Ogolla	Project Manager	City of Richardson	(972) 744-4100	moses.ogolla@cor.gov
Designer	Aaron Conine	Water/WW Trans & Util	Freese and Nichols	(817) 735-7469	aaron.conine@freese.com
Construction Manager	Jeff Polak	Vice President of Texas Water	Archer Western	(972) 457-8500	jpolak@walshgroup.com

Project Owner	West Harris County Regional Water Authority		Project Name	West Harris County - Central Pump Station	
General Description of Project	Subcontractor to build two (2) 15MG water storage tanks				
Project Cost	\$14M				
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		P.J. McInerny	Aaron Rasbach	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	c/o Melinda Silva	Senior Project Engineer	Dannenbaum Engineer	(713) 520-9570	m.silva@dannenbaum.com
Designer	David Munn	Graduate Engineer	AECOM	(713) 267-2852	david.munn@aecom.com
Construction Manager					

Project Owner	McKinleyville CSD		Project Name	4.5 MG Water Reservoir Project	
General Description of Project	Subcontractor to build 4.5MG water storage tank				
Project Cost	\$5.9M				
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Chris Esbah	Jeff Erwin	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					

SCHEDULE A - CURRENT PROJECTS

Name of Organization	DN Tanks, LLC				
	Name	Title/Position	Organization	Telephone	Email
Owner	James Henry	Director of Operations	McKinleyville CSD	(707) 839-3251	jhenry@mckinleyvillecsd.com
Designer	Donald Barraza	Principal	Kennedy Jenks	(415) 243-2483	donbarraza@kennedyjenks.com
Construction Manager					

Project Owner	City of Ukiah		Project Name	Recycled Water Project Phase 4	
General Description of Project	Subcontractor to build 2.0MG concrete reuse tank				
Project Cost	\$4.5M				
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Chris Esbah	Jack Burns	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Sean White	Director of Water 7sewer	City of Ukiah	(707) 467-5712	awhite@cityofukiah.com
Designer	Brian Avon	Project Engineer	Carollo Engineers	(925) 932-1710	bavon@carollo.com
Construction Manager					

Project Owner	City of Daly City		Project Name	Reservoir 6B Roof Replacement & Seismic Upgrade	
General Description of Project	GC to replace tank roof, demo columns, and perform seismic retrofit of the 1.5MG concrete tank.				
Project Cost	\$2.3M				
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Omar Gomez	Brett Crockett	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Joshua Cosgrove	Director	City of Daly City	(650) 991-8206	jcosgrove@dalycity.org
Designer	William Faisst	Owner	Wm Faisst Consulting	(925) 935-8628	wmkfaisstce@astound.net
Construction Manager					

SCHEDULE B - PREVIOUS EXPERIENCE WITH SIMILAR PROJECTS

Name of Organization	DN Tanks, LLC
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Project Owner	City of Laredo		Project Name	Lyon Street Booster Pump Station North	
General Description of Project	General Contractor for 4MG concrete tank, earthwork, piping, demolition, electrical				
Project Cost	\$7.8M		Date Project Completed	Dec-22	
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Adrian Domek	Francisco Villa	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Jose Luis Tijerina	Water Treatment Superintendent	City of Laredo	(956) 721-2000	jtijerina@ci.laredo.tx.us
Designer	Enrique Valdez	Civil Engineer	Ardurra Engineering	(956) 462-5511	evaldez@ardurra.com
Construction Manager					

Project Owner	City of Lubbock Utilities		Project Name	North Water Treatment Plant 8MG Tank Improvements	
General Description of Project	General Contractor for 8MG concrete tank, earthwork, piping, demolition, electrical				
Project Cost	\$9.3M		Date Project Completed	Nov-22	
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Jason Phillippi	Conrado Alvarez	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Bailey Ratcliffe	Sr. Civil Engineer	City of Lubbock	(806) 775-2329	bratcliffe@mail.ci.lubbock.tx.us
Designer	Tina Hanson	Water Business Team Lead	Garver Engineers	(817) 9575	tehanson@garverusa.com
Construction Manager					

SCHEDULE B - PREVIOUS EXPERIENCE WITH SIMILAR PROJECTS

Name of Organization	DN Tanks, LLC
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Project Owner	City of Lamesa		Project Name	Water System Improvements - 14MG Storage Tank	
General Description of Project	General Contractor for 14MG concrete tank, earthwork, piping, demolition, electrical				
Project Cost	\$6.3M		Date Project Completed	Nov-22	
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Jason Phillippi	Aaron Rasbach	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Dionicio Garza	Utilities Director	City of Lamesa	(806) 872-4327	dgarzajr@ci.lamesa.tx.us
Designer	Brian Stephens	Director of Treatment	Parkhill, Smith & Cooper, Inc.	(806) 47302200	bstephens@parkhill.com
Construction Manager					

Project Owner	San Antonio Water System		Project Name	Cagnon Ground Storage Tank Replacement	
General Description of Project	General Contractor for 2MG concrete tank, earthwork, piping, demolition, electrical				
Project Cost	\$8.7M		Date Project Completed	May-23	
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Jason Phillippi	Francisco Villa	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Vicente Garza	Production & Treatment Ops	San Antonio Water System	(210) 233-3596	vicente.garza@saws.org
Designer	Jaime Kypuros	Sr. Project Manager	Tetra Tech, Inc.	(210) 299-7916	jaime.kypuros@tetrattech.com
Construction Manager					

SCHEDULE B - PREVIOUS EXPERIENCE WITH SIMILAR PROJECTS

Name of Organization	DN Tanks, LLC
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Project Owner	San Francisco Public Utilities Commission		Project Name	SEWPCP Biosolids Digester Facilities Project	
General Description of Project	Subcontractor Construction of five 1.7MG digesters				
Project Cost	\$62M		Date Project Completed	Apr-24	
Key Project Personnel		Project Manager	Project Superintendent	Safety Manager	Quality Control Manager
Name		Sean Valenzuela / Dave Reitnauer	Dave Reitnauer	Rob Spier	
Reference Contact Information (listing names indicates approval to contact the named individuals as a reference)					
	Name	Title/Position	Organization	Telephone	Email
Owner	Carolyn Chiu Foon	PM - Biosolids Project	San Francisco PUC	(415) 597-6984	cchiu@sfgwater.org
Designer	Tracey Stigers	VP Design Chief Engineer	Brown & Caldwell	(925) 937-9010	tstigers@brwncald.com
Construction Manager	Warren Howard	Quality Manager	MWH/Webcor JV	(954) 300-6479	warren.howard@mwhwebcor.com

SCHEDULE C - KEY INDIVIDUALS

Project Manager			
Name of Individual		Chris Esbah	
Years of experience as project manager		8	
Years of experience with this organization		3 years	
Number of similar projects as project manager		14 (completed and under construction)	
Number of similar projects in other positions			
Current Project Assignments			
Name of Assignment	Percent of time used for this project	Estimated project completion date	
McKinleyville CSD -4.5 MG Water Reservoir Project	20%	10/3/2024	
Ukiah - 2.0 MG Recycled Water Project Phase 4	15%	7/6/2024	
Three Rivers - Rehabilitate Ash Mountain Wastewater Facility	15%	7/3/2024	
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	Garett Gentry	Name	Jeffrey M Granlee
Title/Position	Resident Project Representative	Title/Position	Operations Manager
Organization	Carollo Engineers	Organization	JMG Constructors LLC
Telephone	702-994-2493	Telephone	360-731-7497
Email	GGentry@carollo.com	Email	j.granlee@jmgconstructors.com
Project	Ukiah - CA	Project	Three Rivers -CA
Candidate's role on project	Project Manager	Candidate's role on project	Project Manager

SCHEDULE C - KEY INDIVIDUALS

Project Superintendent			
Name of Individual		Keith (Paul) Phelps	
Years of experience as project superintendent		15	
Years of experience with this organization		3	
Number of similar projects as project superintendent		6	
Number of similar projects in other positions		6	
Current Project Assignments			
Name of Assignment		Percent of time used for this project	Estimated project completion date
Three Rivers, CA-Rehabilitate Ash Mountain Wastewater Facility		100%	7/3/2024
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	Jeffrey Granlee	Name	Barton Brooke
Title/Position	Operations Manager	Title/Position	Engineer
Organization	JMG Constructors, LLC	Organization	HECO
Telephone	360-731-7497	Telephone	208-941-6355
Email	j.granlee@jmgconstructors.com	Email	bart@hecoengineers.com
Project	Three Rivers, CA-Rehabilitate Ash Mountain Wastewater Facility	Project	Three Rivers, CA-Rehabilitate Ash Mountain Wastewater Facility
Candidate's role on project	Superintendent	Candidate's role on project	Superintendent

SCHEDULE C - KEY INDIVIDUALS

Project Superintendent			
Name of Individual		Juan Puga	
Years of experience as project superintendent		4	
Years of experience with this organization		20	
Number of similar projects as project superintendent		4	
Number of similar projects in other positions		15	
Current Project Assignments			
Name of Assignment		Percent of time used for this project	Estimated project completion date
Rexburg, ID-Concrete Water Reservoir Rehabilitation		100%	7/24/2024
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	Justin Beard	Name	Marvin Fielding
Title/Position	Assistant Public Works Director	Title/Position	Engineer
Organization	City of Rexburg	Organization	Keller Associates, Inc.
Telephone	208-359-3020	Telephone	208-520-1258
Email	justin.beard@rexburg.org	Email	mfielding@kellerassociates.com
Project	Rexburg, ID-Concrete Water Reservoir Rehabilitation	Project	Rexburg, ID-Concrete Water Reservoir Rehabilitation
Candidate's role on project	Superintendent	Candidate's role on project	Superintendent

SCHEDULE C - KEY INDIVIDUALS

Project Superintendent			
Name of Individual		Fernando Ocampo	
Years of experience as project superintendent		14	
Years of experience with this organization		21 years	
Number of similar projects as project superintendent		15	
Number of similar projects in other positions		25	
Current Project Assignments			
Name of Assignment		Percent of time used for this project	Estimated project completion date
McKinleyville, CA-4.5 MG Water Reservoir Project		100%	10/3/2024
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	James Henry	Name	Mark Benzinger
Title/Position		Title/Position	
Organization	McKinleyville CSD	Organization	Mercer Fraser
Telephone	707-496-2295	Telephone	530-276-5539
Email	jhenry@mckinleyvillecsd.com	Email	mbenzinger@mercerfraser.com
Project	McKinleyville, CA-4.5 MG Water Reservoir Project	Project	McKinleyville, CA-4.5 MG Water Reservoir Project
Candidate's role on project	Superintendent	Candidate's role on project	Superintendent

SCHEDULE C - KEY INDIVIDUALS

Safety Manager			
Name of Individual		Rob Spier	
Years of experience as safety manager		12	
Years of experience with this organization		4	
Number of similar projects as safety manager		20	
Number of similar projects in other positions		15	
Current Project Assignments			
Name of Assignment		Percent of time used for this project	Estimated project completion date
*Oversees all West Region Projects			
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	Steve Hanak	Name	Tyler Caglia
Title/Position	Project Manager	Title/Position	
Organization	Ghilotti Construction Company, Inc.	Organization	W.M. Lyles Co.
Telephone	707-953-8908	Telephone	661-387-1600
Email	steveh@ghilotti.com	Email	tcaglia@wmlylesco.com
Project	Ukiah, CA-23-01 - Recycled Water Project - Phase 4	Project	Madera, CA-Root Creek Water District Groundwater Blending and Arsenic Treatment Project
Candidate's role on project	Regional Safety Manager	Candidate's role on project	Regional Safety Manager

SCHEDULE C - KEY INDIVIDUALS

Quality Control Manager			
Name of Individual		Danelly Justiniano	
Years of experience as quality control manager		11	
Years of experience with this organization		9.5 years	
Number of similar projects as quality control manager		59	
Number of similar projects in other positions		44	
Current Project Assignments			
Name of Assignment		Percent of time used for this project	Estimated project completion date
*Oversees all West Region Projects			
Reference Contact information (listing names indicates approval to contact named individuals as a reference)			
Name	Garett Gentry	Name	Jeffrey M Granlee
Title/Position	Resident Project Representative	Title/Position	Operations Manager
Organization	Carollo Engineers	Organization	JMG Constructors LLC
Telephone	702-994-2493	Telephone	360-731-7497
Email	GGentry@carollo.com	Email	j.granlee@jmgconstructors.com
Project	Ukiah - CA	Project	Three Rivers -CA
Candidate's role on project	Engineer Manager	Candidate's role on project	Engineer Manager



February 27, 2024

DN Tanks, LLC.
11 Teal Road
Wakefield, MA 01880

RE: DN Tanks, LLC
Worker's Compensation Experience Rating Modification
NCCI Historical Modification Factors

To Whom This May Concern:

This letter is to verify the Worker's Compensation Experience Rating Modification history for DN Tanks, Inc. /DN Tanks, LLC. for the current term, and the past 2 years, which were established by, and remain on file with the Nation Council on Compensation Insurance, Inc. (NCCI).

Effective Date	Experience Modification Factor
5/01/2023	0.74
5/01/2022	0.74
5/01/2021	0.80

Please feel free to contact us if you so require.

Sincerely,

Mitchell Ross

Mitchell Ross
First Vice President
Account Executive
mitchell.ross@alliant.com

ARTICLE 4—SAFETY

4.01 Provide information regarding Business’s safety organization and safety performance.

Name of Business’s Safety Officer:		Jim Weishaar
Safety Certifications		
Certification Name	Issuing Agency	Expiration
OSHA 30	Cal OSHA	None

4.02 Provide Worker’s Compensation Insurance Experience Modification Rate (EMR), Total Recordable Frequency Rate (TRFR) for incidents, and Total Number of Recorded Manhours (MH) for the last 3 years and the EMR, TRFR, and MH history for the last 3 years of any proposed Subcontractor(s) that will provide Work valued at 10% or more of the Contract Price. Provide documentation of the EMR history for Business and Subcontractor(s).

Year	10/23-10/24			10/22-10/23			10/21-10/22		
Company	EMR	TRFR	MH	EMR	TRFR	MH	EMR	TRFR	MH
Atlas/Pellizzari Electric Inc.	.88	0	38,893	.87	0	71,154	.67	0	63,436.25

ARTICLE 4—SAFETY

4.01 Provide information regarding Business's safety organization and safety performance.

Name of Business's Safety Officer:			Mario Andreini		
Safety Certifications					
Certification Name		Issuing Agency		Expiration	

4.02 Provide Worker's Compensation Insurance Experience Modification Rate (EMR), Total Recordable Frequency Rate (TRFR) for incidents, and Total Number of Recorded Manhours (MH) for the last 3 years and the EMR, TRFR, and MH history for the last 3 years of any proposed Subcontractor(s) that will provide Work valued at 10% or more of the Contract Price. Provide documentation of the EMR history for Business and Subcontractor(s).

Year	10/1/23 - 10/1/24			10/1/22 - 10/1/23			10/1/21 - 10/1/22		
Company	EMR	TRFR	MH	EMR	TRFR	MH	EMR	TRFR	MH
Andreini Bros Inc	87	0		83	2		81	1	

ARTICLE 4—SAFETY

4.01 Provide information regarding Business’s safety organization and safety performance.

Name of Business’s Safety Officer:	John Moore, President	
Safety Certifications		
Certification Name	Issuing Agency	Expiration
OSHA 30 hour training	OSHA Training Center	

4.02 Provide Worker’s Compensation Insurance Experience Modification Rate (EMR), Total Recordable Frequency Rate (TRFR) for incidents, and Total Number of Recorded Manhours (MH) for the last 3 years and the EMR, TRFR, and MH history for the last 3 years of any proposed Subcontractor(s) that will provide Work valued at 10% or more of the Contract Price. Provide documentation of the EMR history for Business and Subcontractor(s).

Year	2023			2022			2021		
Company	EMR	TRFR	MH	EMR	TRFR	MH	EMR	TRFR	MH
JM ENVIRONMENTAL, INC.	.70	3.14	127,479	.68	4.52	132,873	.68	6.30	158,809



Chris Esbah, P.E., M.E.

Project Manager



2022 – Present Project Manager

Responsible for project management and construction operations. Primary responsibility is profitable and timely project completions consistent with quality standards. Provide support to field during the course of projects as necessary.

Lennar Homes of California
2.67 MG Water Tank
Tracy Hills, CA

8

Total Projects
Impacted

4.5 MG

Largest Project

142'

Largest Inside
Diameter

50'

Tallest Tank



**BUILT
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Keith Phelps

Superintendent



National Park Service
0.35 MG Wastewater Tank
Three Rivers, CA

2021 – Present Field Superintendent

Responsible for project completion within budget, in compliance with contract specifications, with high quality, and on time. Consults with the Project Manager and provides recommendations as necessary to improve project performance. Is the Company representative at the job site and is in charge of all operations including DN Tanks Safety Program. Position reports to the General Superintendent.

Certifications

- Aerial / Scissor Lift
- Crane Signal
- Fall Prevention
- First Aid / CPR
- OSHA 30

6

Total Projects
Impacted

3.2 MG

Largest Project

135'

Largest Inside
Diameter

40'

Tallest Tank



**BUILT
FOR THE FUTURE**



Juan Puga
Superintendent



Lennar Homes of California
2.67 MG Water Tank
Tracy Hills, CA

2021 – Present
Field Superintendent

Responsible for project completion within budget, in compliance with contract specifications, with high quality, and on time. Consults with the Project Manager and provides recommendations as necessary to improve project performance. Is the Company representative at the job site and is in charge of all operations including DN Tanks Safety Program. Position reports to the General Superintendent.

2019 - 2021
Carpenter Foreman

Responsible for performing and supervising the completion of all day-to-day carpentry work that is required on the project. Also provides training to Carpenter Apprentices and non-company workers during the course of any given project. Position reports to the Field Superintendent.

2013 – 2019
Carpenter Journeyman

Responsible for completing all carpentry work required throughout the phases of the tank building process. Position reports to the Foreman.

- Certifications**
Confined Space
Crane Signal
Fall prevention
OSHA 30
OSHA 10
Rigging

8

Total Projects Impacted

2-1.2MG

Largest Project

80'

Largest Inside Diameter

48'

Tallest Tank



BUILT FOR THE FUTURE



Fernando Ocampo

Superintendent



3.0 MG Water Tank
Tracy Hills, CA

2003 – Present Field Superintendent

Responsible for project completion within budget, in compliance with contract specifications, with high quality, and on time. Consults with the Project Manager and provides recommendations as necessary to improve project performance. Is the Company representative at the job site and is in charge of all operations including DN Tanks Safety Program. Position reports to the General Superintendent.

Certifications

- OSHA 10
- CPR/First Aid
- Aerial/Scissor Lift
- Confined Space
- Crane Signal Person
- Fall Prevention
- Rigging
- Rough Terrain Forklift
- ACI Nozzleman



Aiken, SC
32.0 MG Saltstone Disposal
for the Savannah River Remediation

20		32.0 MG		375'		48'
Total Projects Impacted		Largest Project		Largest Inside Diameter		Tallest Tank





Rob Speir, CSP CHST

Regional Safety Manager



San Francisco Public Utilities Commission
3-1.34 MG Water Tank
San Francisco, CA



City of Tracy
3.75 MG Water Tank
Tracy, CA

2020 – Present Regional Safety Manager

Primary responsibility is to partner with the project teams to implement, manage and monitor DN Tanks Accident Prevention Safety Program, policies, and procedures. Evaluate the organization's procedures, facilities and equipment by conducting inspections to identify unsafe conditions and to implement safeguards and solutions. Identify areas of opportunity to reduce incidents, accidents, and injuries. Resolve any immediate safety hazards if possible and/or work with project or location crew to find best way to mitigate a safety hazard. Ensure the organization complies with all current safety regulations and that all employees are aware of safety requirements and are prepared to follow safety procedures. Perform safety training in all required areas, i.e., PPE, Hearing Protection, Fall Prevention, Confined Space, Powered Industrial Trucks, Aerial/Scissor Lift, etc. Reviews safety training and recommends revisions, improvements, and updates

Certifications & Accreditations

- Certified Safety Professional (CSP)
- Associate Safety Professional (ASP)
- Construction Health and Safety Technician (CHST)
- OSHA 500
- CPR/AED First Aid Trainer
- IVES Aerial Work Platform, Rough Terrain Forklift and Forklift Trainer

41 | **8.0** MG | **250'** | **52'**
Total Projects Impacted | Largest Project | Largest Inside Diameter | Tallest Tank





Danelly Justiniano, P.E.

Regional Safety Manager



San Francisco Public Utilities Commission
3-1.34 MG Water Tank
San Francisco, CA

2020 – Present Engineering Manager

Responsible for assessing the feasibility of potential design projects, determining what resources are required to complete them, recruiting and managing employees, and serving as liaison between the Engineering Managers, team members and the Director of Engineering. Responsible for providing leadership, training, and professional development for their team and building effective relationships with team members, internal and external customers.

2019 – 2020 Design Engineer

Responsible for final design calculations and computer-generated drawings for precast, prestressed concrete water and wastewater tanks, including cylindrical shell walls, spherical domes, shallow footings and precast erection throughout the United States. Review design work for inconsistencies and adherence to project specifications. Interact with consulting engineers, suppliers and the DN Tanks construction department to resolve engineering-related questions and issues concerning the tank design. Develop computer programs for in-house design work.



City of Tracy
3.75 MG Water Tank
Tracy, CA

2014 – 2018 Design Engineer

Responsible for final design calculations and computer-generated drawings for precast, prestressed concrete water and wastewater tanks. Designed and analyzed pre-stressed concrete tanks for structural integrity, durability and seismic performance. Interact with consulting engineers, suppliers and the DN Tanks construction department to resolve engineering-related questions and issues concerning the tank design. Develop computer programs for in-house design work.

2013 – 2014 Engineer Intern

Assisted with preparation of preliminary pre-stressed concrete tank designs. Duties included drafting shop drawings in AutoCAD, modifying tank specifications, and reviewing geotechnical and condition assessment inspection reports

41 | **8.0** MG | **250'** | **52'**

Total Projects Impacted | Largest Project | Largest Inside Diameter | Tallest Tank



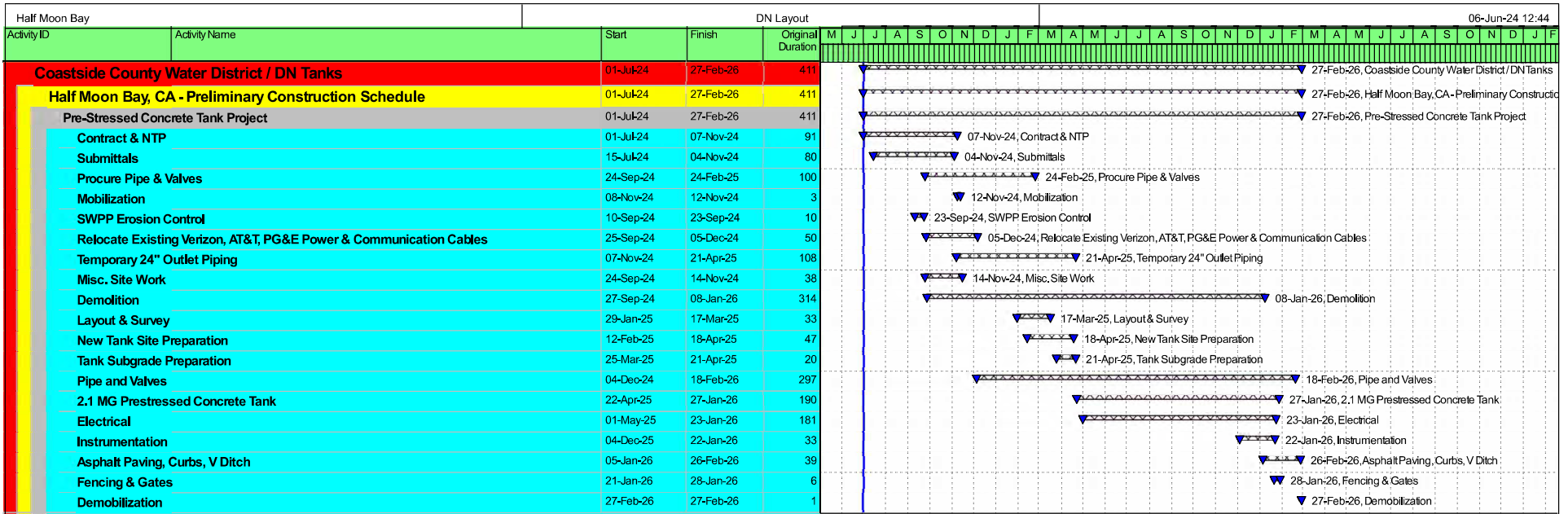
BUILT FOR THE FUTURE

Appendix B

Preliminary Construction Schedule



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FOR THE FUTURE



▬ Remaining Level of Effort
 ▬ Actual Work
 ▬ Critical Remaining Work
▬ Actual Level of Effort
 ▬ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Start	Finish	Original Duration	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Coastside County Water District / DN Tanks		01-Jul-24	27-Feb-26	411	▶ 27-Feb-26, Coastside County Water District / DN Tanks																															
Half Moon Bay, CA - Preliminary Schedule		01-Jul-24	27-Feb-26	411	▶ 27-Feb-26, Half Moon Bay, CA - Preliminary Schedule																															
Pre-Stressed Concrete Tank Project		01-Jul-24	27-Feb-26	411	▶ 27-Feb-26, Pre-Stressed Concrete Tank Project																															
Contract & NTP		01-Jul-24	07-Nov-24	91	▶ 07-Nov-24, Contract & NTP																															
Contract Award		01-Jul-24	07-Nov-24	91	▶ 07-Nov-24, Contract Award																															
A0010	Contract Award	01-Jul-24	01-Jul-24	1	✘ Contract Award																															
A1000	Performance & Payment Bond	02-Jul-24	02-Jul-24	1	✘ Performance & Payment Bond																															
A1160	Executed Contract	03-Jul-24	11-Jul-24	5	✘ Executed Contract																															
A3780	Limited Notice to Proceed	12-Jul-24	12-Jul-24	1	✘ Limited Notice to Proceed																															
A1170	Full Notice to Proceed	07-Nov-24	07-Nov-24	1	✔ Full Notice to Proceed																															
Submittals		15-Jul-24	04-Nov-24	80	▶ 04-Nov-24, Submittals																															
Submittals		15-Jul-24	04-Nov-24	80	▶ 04-Nov-24, Submittals																															
A1100	Pipe Submittals Preparation	15-Jul-24	23-Aug-24	30	▶ Pipe Submittals Preparation																															
A1120	Sitework Submittals Preparation	15-Jul-24	09-Aug-24	20	▶ Sitework Submittals Preparation																															
A3560	SWPP Submittal Preparation	15-Jul-24	09-Aug-24	20	▶ SWPP Submittal Preparation																															
A1010	SWPP Plan	12-Aug-24	09-Sep-24	20	▶ SWPP Plan																															
A3520	Electrical Submittals Preparation	12-Aug-24	09-Sep-24	20	▶ Electrical Submittals Preparation																															
A3530	Instrumentation Submittals Preparation	12-Aug-24	09-Sep-24	20	▶ Instrumentation Submittals Preparation																															
A3540	Tank Submittals Preparation	12-Aug-24	09-Sep-24	20	▶ Tank Submittals Preparation																															
A3580	Sitework Submittals	12-Aug-24	09-Sep-24	20	▶ Sitework Submittals																															
A3570	Pipe Submittals	26-Aug-24	23-Sep-24	20	▶ Pipe Submittals																															
A3550	Fencing / Gate Submittals Preparation	10-Sep-24	07-Oct-24	20	▶ Fencing / Gate Submittals Preparation																															
A3590	Electrical Submittals	10-Sep-24	07-Oct-24	20	▶ Electrical Submittals																															
A3600	Instrumentation Submittals	10-Sep-24	07-Oct-24	20	▶ Instrumentation Submittals																															
A3610	Tank Submittals	10-Sep-24	07-Oct-24	20	▶ Tank Submittals																															
A3620	Fencing / Gate Submittals	08-Oct-24	04-Nov-24	20	▶ Fencing / Gate Submittals																															
Procure Pipe & Valves		24-Sep-24	24-Feb-25	100	▶ 24-Feb-25, Procure Pipe & Valves																															
Manufacture Pipe & Valves		24-Sep-24	24-Feb-25	100	▶ 24-Feb-25, Manufacture Pipe & Valves																															
A3760	Manufacture & Deliver Valves	24-Sep-24	24-Feb-25	100	▶ Manufacture & Deliver Valves																															
A3750	Manufacture & Deliver Pipes	24-Sep-24	17-Jan-25	75	▶ Manufacture & Deliver Pipes																															
Mobilization		08-Nov-24	12-Nov-24	3	▶ 12-Nov-24, Mobilization																															
Mobilization		08-Nov-24	12-Nov-24	3	▶ 12-Nov-24, Mobilization																															
A1020	Mobilization	08-Nov-24	12-Nov-24	3	▶ Mobilization																															
A2070	DN Tanks / Inspector Jobsite Office Trailer	08-Nov-24	12-Nov-24	3	▶ DN Tanks / Inspector Jobsite Office Trailer																															
SWPP Erosion Control		10-Sep-24	23-Sep-24	10	▶ 23-Sep-24, SWPP Erosion Control																															
SWPP		10-Sep-24	23-Sep-24	10	▶ 23-Sep-24, SWPP																															
A2000	Layout Silt Fence (West Side)	10-Sep-24	10-Sep-24	1	✘ Layout Silt Fence (West Side)																															
A1990	Layout Temporary Construction Fence (East Side)	11-Sep-24	11-Sep-24	1	✘ Layout Temporary Construction Fence (East Side)																															
A2020	Clear Existing Shrubs and Vegetation (West Side)	11-Sep-24	13-Sep-24	3	✘ Clear Existing Shrubs and Vegetation (West Side)																															
A1700	Clear Existing Shrubs and Vegetation (East Side)	16-Sep-24	19-Sep-24	4	✘ Clear Existing Shrubs and Vegetation (East Side)																															
A2010	Install Silt Fence (West Side)	16-Sep-24	17-Sep-24	2	✘ Install Silt Fence (West Side)																															
A1180	Install Silt Fence (East Side)	20-Sep-24	23-Sep-24	2	✘ Install Silt Fence (East Side)																															
Relocate Existing Verizon, AT&T, PG&E Power & Communication Cables		25-Sep-24	05-Dec-24	50	▶ 05-Dec-24, Relocate Existing Verizon, AT&T, PG&E Power & Communication Cables																															
Relocate Existing Electrical / Instrumentation / PG&E		25-Sep-24	05-Dec-24	50	▶ 05-Dec-24, Relocate Existing Electrical / Instrumentation / PG&E																															
A1590	Locate Existing Electrical Conduits and Duct Banks (811)	25-Sep-24	26-Sep-24	2	✘ Locate Existing Electrical Conduits and Duct Banks (811)																															

Activity ID	Activity Name	Start	Finish	Original Duration	J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J											
					Gantt Chart (Activity Progress)											
A1970	Install New Conduit in Duct Bank and Pullboxes for Verizon Telecom Building	27-Sep-24	02-Oct-24	4	[Gantt Bar]											
A1980	Install New Conduit in Duct Bank & Pullboxes to New North PG&E Pullbox (Pump)	27-Sep-24	02-Oct-24	4	[Gantt Bar]											
A2080	PG&E Relocates Power to Verizon Telecom Building & North Pullbox	03-Oct-24	30-Oct-24	20	[Gantt Bar]											
A2090	Relocates Verizon Wires (By Verizon)	03-Oct-24	30-Oct-24	20	[Gantt Bar]											
A1650	Relocate HMB Tank 1 Telecom Antenna (By Others)	31-Oct-24	06-Nov-24	5	[Gantt Bar]											
A1660	Install Temporary Power & Cables to Relocated Analyzer	04-Dec-24	05-Dec-24	2	[Gantt Bar]											
A2100	Relocate Existing Analyzer	04-Dec-24	05-Dec-24	2	[Gantt Bar]											
Temporary 24" Outlet Piping					[Gantt Bar]											
Temporary 24" Outlet Piping					[Gantt Bar]											
A3640	Install 24" Temporary Pipe	07-Nov-24	21-Apr-25	108	[Gantt Bar]											
A3690	Install Pipe Supports / Restraints for 24" Temporary Pipe	14-Nov-24	18-Nov-24	3	[Gantt Bar]											
A3680	Pressure Test and Disinfect 24" Temporary Pipe	19-Nov-24	19-Nov-24	1	[Gantt Bar]											
A3700	System Shut Down #1	20-Nov-24	20-Nov-24	1	[Gantt Bar]											
A3710	SYSTEM SHUTDOWN#1	20-Nov-24		0	[Gantt Bar]											
A3650	Install Flange Adapter at Tank 3	21-Nov-24	21-Nov-24	1	[Gantt Bar]											
A3660	Connect 24" Pipe at Tank 3	22-Nov-24	22-Nov-24	1	[Gantt Bar]											
A3670	Connect 24" Pipe to Distribution System	25-Nov-24	25-Nov-24	1	[Gantt Bar]											
A3830	Remove Temporary Piping	16-Apr-25	21-Apr-25	4	[Gantt Bar]											
Misc. Site Work					[Gantt Bar]											
Misc. Site Work					[Gantt Bar]											
A1030	Install Construction Entrance	24-Sep-24	24-Sep-24	1	[Gantt Bar]											
A2050	Install Temporary Fencing (East Side)	13-Nov-24	13-Nov-24	1	[Gantt Bar]											
A2060	Install Temporary Access Gate	14-Nov-24	14-Nov-24	1	[Gantt Bar]											
Demolition					[Gantt Bar]											
Demolition					[Gantt Bar]											
A1680	Field Verify Exact Location Of Existing Piping	27-Sep-24	01-Oct-24	3	[Gantt Bar]											
A1760	Remove Verizon Cable (By Verizon)	31-Oct-24	31-Oct-24	1	[Gantt Bar]											
A1670	Relocate Existing Network Pole (By Others)	07-Nov-24	07-Nov-24	1	[Gantt Bar]											
A2040	Remove Existing Automatic Access Gate & Opener (East Side)	26-Nov-24	27-Nov-24	2	[Gantt Bar]											
A3080	Deactivate & Remove Tank 1 Power & Instrumentation Wires	26-Nov-24	26-Nov-24	1	[Gantt Bar]											
A3090	Deactivate & Remove Tank 2 Power & Instrumentation Wires	26-Nov-24	26-Nov-24	1	[Gantt Bar]											
A1040	Lead Paint Abatement HMB Tanks 1 & 2	27-Nov-24	04-Dec-24	4	[Gantt Bar]											
A1270	Lead Paint Abatement Tanks 2 & 3 Interconnect Pipe	27-Nov-24	27-Nov-24	1	[Gantt Bar]											
A1400	Remove Tanks 2 - 3 Interconnect Pipe	02-Dec-24	02-Dec-24	1	[Gantt Bar]											
A2730	Remove Existing Fence by Tank 1	02-Dec-24	03-Dec-24	2	[Gantt Bar]											
A2270	Install Tapped Blind Flange On Tank 3 Interconnect Pipe	03-Dec-24	03-Dec-24	1	[Gantt Bar]											
A3630	Remove Tanks 2 - 3 Interconnect Concrete Pipe Supports	04-Dec-24	04-Dec-24	1	[Gantt Bar]											
A2240	Remove Tank 1 - 2 Interconnect Pipe & Valves	05-Dec-24	05-Dec-24	1	[Gantt Bar]											
A1640	Remove Existing Catwalk	06-Dec-24	09-Dec-24	2	[Gantt Bar]											
A2740	Remove Existing Analyzer Appurtenances & Pipe	06-Dec-24	06-Dec-24	1	[Gantt Bar]											
A2900	Remove Existing 2" Service Connection Piping	06-Dec-24	06-Dec-24	1	[Gantt Bar]											
A3730	Remove Tanks 1 - 2 Interconnect Concrete Pipe Supports	06-Dec-24	06-Dec-24	1	[Gantt Bar]											
A1190	Remove HMB Tank #1 and Appurtenances	10-Dec-24	23-Dec-24	10	[Gantt Bar]											
A1630	Remove HMB Tank #2 and Appurtenances	02-Jan-25	15-Jan-25	10	[Gantt Bar]											
A1690	Remove Oil Sand	16-Jan-25	21-Jan-25	4	[Gantt Bar]											
A1710	Demo Hatch and Buried Drum	16-Jan-25	17-Jan-25	2	[Gantt Bar]											
A1720	Sawcut and Remove Existing Walkway	20-Jan-25	21-Jan-25	2	[Gantt Bar]											

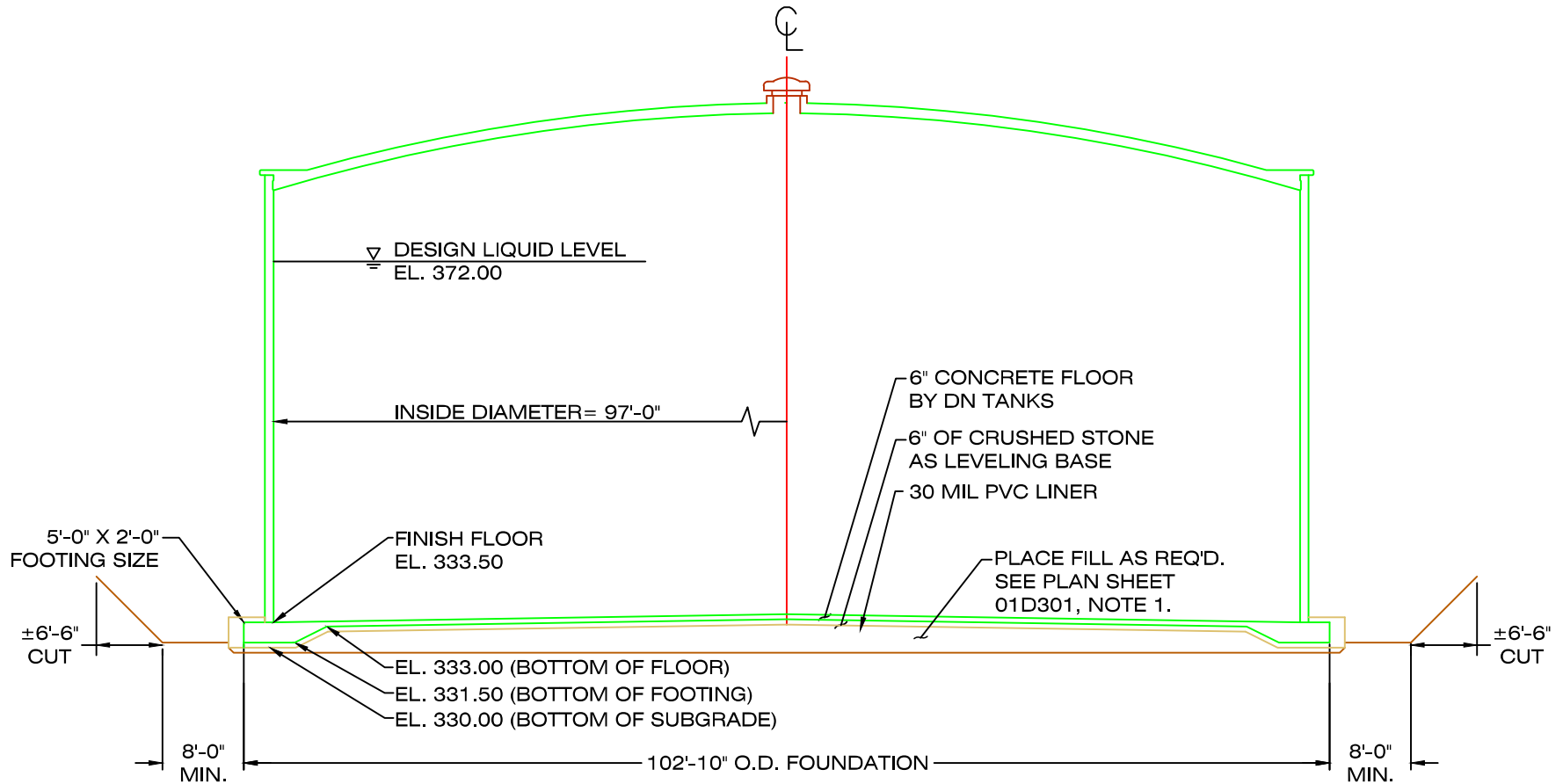
Activity ID	Activity Name	Start	Finish	Original Duration	J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J											
					Gantt Chart											
A1370	Install 24" Outlet Pipe Under Tank with Encasement (Connect to 24" Tee)	20-Mar-25	24-Mar-25	3												
A1480	Install 24" Combined Outlet Yard Piping	21-Mar-25	03-Apr-25	10												
A2810	Install 24" x 20" Reducer (Distribution Side)	04-Apr-25	04-Apr-25	1												
A2820	Install 20" 45 Degree Elbow (Distribution Side)	04-Apr-25	04-Apr-25	1												
A2830	Install 11.5 Degree Elbow (Distribution Side)	04-Apr-25	04-Apr-25	1												
A2840	Install 20" Pipe	04-Apr-25	04-Apr-25	1												
A2780	Pressure Test & Disinfect Combined Outlet Piping	07-Apr-25	07-Apr-25	1												
A2790	Backfill Combined Outlet Piping	08-Apr-25	14-Apr-25	5												
A2800	Install Flexible Joints to Valve 05-BFV-101 on Tank 3	15-Apr-25	15-Apr-25	1												
A2850	Install 20" 90 Degree Elbow and Connect to Distribution Piping	15-Apr-25	15-Apr-25	1												
A2860	System Shutdown #3	15-Apr-25	15-Apr-25	1												
A3720	SYSTEM SHUTDOWN #3	15-Apr-25	15-Apr-25	0												
Tap 2" Service Line into Combined Tank Outlet Pipe																
A2880	Install Temporary Service Line To Blind Flange at Tank 3 Interconnect Pipe	04-Dec-24	04-Dec-24	1												
A2890	Connect Existing 2" Service Line to Temporary Service Line	05-Dec-24	05-Dec-24	1												
A2750	Tap 2" Service Line into Combined Outlet Piping	04-Apr-25	04-Apr-25	1												
A2760	Install 2" Service Line	07-Apr-25	07-Apr-25	1												
A2770	Connect 2" Service Line to 1" Service Lines (2)	15-Apr-25	15-Apr-25	1												
16" Tank Overflow Piping																
A1410	Install 16" Overflow Pipe Yard Piping to 16" x 6" Tee	28-Feb-25	06-Mar-25	5												
A1500	Install 16" Overflow Pipe Flap Gate	06-Mar-25	06-Mar-25	1												
A1490	Install 16" Overflow Pipe Grouted Rip Rap	07-Mar-25	11-Mar-25	3												
A1520	Install 16" Overflow Pipe Wall Spool	10-Jun-25	10-Jun-25	1												
A1540	Install 16" Overflow Pipe with Weir (Interior)	24-Jun-25	24-Jun-25	1												
A1530	Install 16" Overflow Pipe Bracket (Interior)	25-Jun-25	25-Jun-25	1												
A1380	Connect 16" Overflow Pipe (Exterior to Yard Piping)	08-Oct-25	08-Oct-25	1												
A1379	Install Overflow Pipe Brackets (Exterior)	08-Oct-25	08-Oct-25	1												
6" Tank Drain Piping																
A1390	Install 6" Drain Pipe In Tank Floor	01-May-25	05-May-25	3												
A1450	Install 6" Drain Outlet Plug Valve (06-BFV-107)	09-Oct-25	10-Oct-25	2												
A2290	Install 6" Drain Outlet Pipe Yard Piping	09-Oct-25	09-Oct-25	1												
4" - 6" Leak Detection / Drain Piping																
A1091	Install 6" Leak Detection Sump Outlet Yard Piping	07-Mar-25	12-Mar-25	4												
A1081	Install 36" Leak Detection Sump with Manhole Cover	04-Nov-25	07-Nov-25	4												
A2230	Install 4" Groundwater Drain Around Tank	10-Nov-25	13-Nov-25	4												
A2370	Install 4" Leak Detection Drain Around Tank to Leak Detection Sump	10-Nov-25	10-Nov-25	1												
A2360	Connect 4" Leak Detection Sump Outlet Pipe to 6" Underdrain Yard Piping	11-Nov-25	11-Nov-25	1												
A2350	Connect 4" Groundwater Piping to 4" Leak Detection Sump Outlet Pipe	12-Nov-25	12-Nov-25	1												
20" Tank Outlet / Interconnection Piping																
A2340	Install 90 Degree 20" to 24" Reducing Elbow	18-Mar-25	18-Mar-25	1												
A2380	Install 20" Riser Pipe	19-Mar-25	19-Mar-25	1												
A2600	Form, Reinforce, and Pour Concrete Slab	15-Apr-25	18-Apr-25	4												
A1560	Install 20" Outlet Interconnection Pipe Supports (8)	21-Apr-25	21-Apr-25	1												
A2460	Install 20" 90 Degree Elbow	22-Apr-25	22-Apr-25	1												
A2610	Install 20" TW Pipe	23-Apr-25	23-Apr-25	1												
A2430	Install 20" Tee #1	24-Apr-25	24-Apr-25	1												
A2620	Install 20" TW Pipe	25-Apr-25	25-Apr-25	1												

Appendix C

Site Layout



BUILT
FOR THE FUTURE




NOTES:

1. PLEASE USE THESE EX-DRAWINGS IN CONJUNCTION WITH THE DETAILED DN TANKS SCOPE LETTER AND SUBCONTRACT.
2. ALL TEMPORARY SLOPES ARE TO MEET OSHA REQUIREMENTS.
3. FOUNDATION PREP SHALL BE ADJUSTED IN ACCORDANCE WITH THE FINAL GEOTECHNICAL REPORT.
4. AT A MINIMUM, ALL WORK ROADS, ACCESS ROADS, RAMPS, AND THE CRANE AREAS, SHALL BE ALL WEATHER ROADS
5. DN TANKS WILL REQUIRE A 60 FT X 15 FT AND A 40 FT X 15 FT AREA TO BE PREPARED FOR OUR EQUIPMENT TRAILER AND OFFICE TRAILER. THIS AREA MUST BE LOCATED WITHIN 150 FT OF THE TANK. THIS AREA MUST BE CLEARED, GRUBBED, LEVELED, AND EASILY ACCESSIBLE.

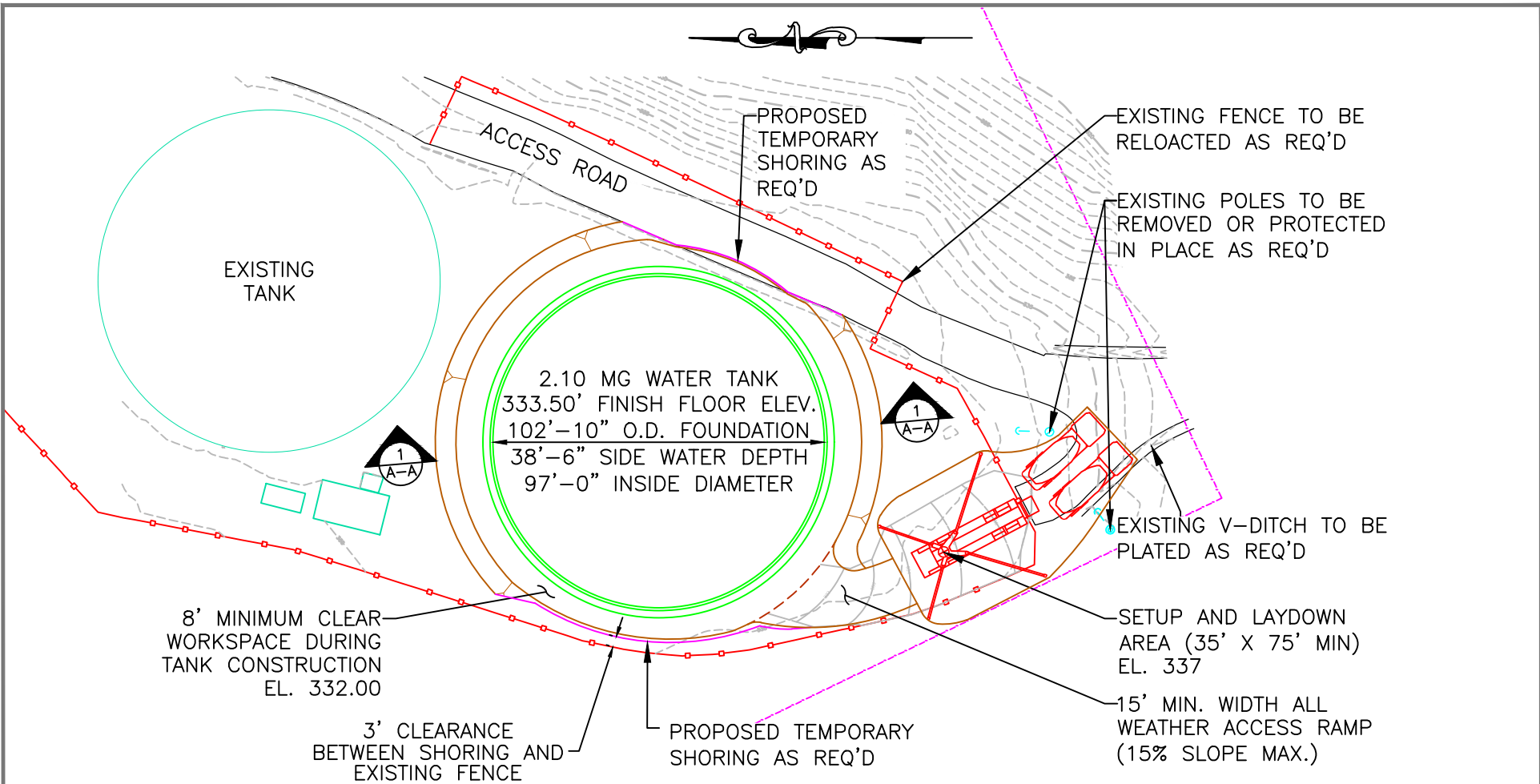
SECTION 1
A-A

"THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF DN TANKS, AND MAY NOT BE DUPLICATED, IN WHOLE OR IN PART, USED FOR OTHER THAN INTERNAL REVIEW PURPOSES, OR DISCLOSED TO OTHERS, WITHOUT THE PRIOR EXPRESS WRITTEN PERMISSION OF DN TANKS."



2.10 MG CAST IN PLACE, PRESTRESSED CONCRETE WATER STORAGE TANK CONSTRUCTION SITE LAYOUT - SECTION


DRAWN BY: GE	DATE: 05/17/24	SCALE: NTS	DWG# EX-2	REV:
CHECKED: ***	FILE: M:\N. California Region\California\Half Moon Bay (CSWD) - 11728\Layouts & Sitework Estimates			
SITE LOCATION: HALF MOON BAY, CA (CSWD)			SHEET 2 OF 2	



NOTES:

1. PLEASE USE THESE EX-DRAWINGS IN CONJUNCTION WITH THE DETAILED DN TANKS SCOPE LETTER AND SUBCONTRACT.
2. LEVEL AREAS MUST BE PROVIDED FOR EQUIPMENT AND OFFICE TRAILERS. ALSO PROVIDE ACCESS TO TRACK.
3. AT A MINIMUM, ALL WORK ROADS, ACCESS ROADS, RAMPS, AND THE CRANE AREAS, SHALL BE ALL WEATHER ROADS.
4. DN TANKS WILL REQUIRE A 60 FT X 15 FT AND A 40 FT X 15 FT AREA TO BE PREPARED FOR OUR EQUIPMENT TRAILER AND OFFICE TRAILER. THIS AREA SHOULD BE LOCATED WITHIN 150 FT OF THE TANK. THIS AREA MUST BE CLEARED, GRUBBED, LEVELED, AND EASILY ACCESSIBLE.

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2.10 MG CAST IN PLACE, PRESTRESSED CONCRETE WATER STORAGE TANK CONSTRUCTION SITE LAYOUT - PLAN

DRAWN BY: GE	DATE: 05/29/24	SCALE: 1" = 40'-0"	DWG# EX-1B	REV:
CHECKED: ***	FILE: M:\N. California Region\California\Half Moon Bay (CSWD) - 11728\Layouts & Sitework Estimates			
SITE LOCATION: HALF MOON BAY, CA (CSWD)				SHEET 2 OF 2