

STAFF REPORT

To: Board of Directors

From: Mary Rogren, General Manager

Agenda: November 12, 2025

Report Date: November 7, 2025

Agenda Title: Approval of Additional Scope of Work on the Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project for Installation of a Communications Duct Bank and Appurtenances from the Carter Hill Tank Site up to the Nunes Treatment Plant

Recommendation/Motion:

Authorize the General Manager to approve an additional scope of work for DN Tanks, LLC. on the Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project for installation of a communications duct bank and appurtenances from the Carter Hill tank site up to the Nunes Water Treatment Plant in the not to exceed amount of \$184,216.44.

Background:

The District currently utilizes radio communication between the Carter Hill tank site and the Nunes Water Treatment Plant (WTP). Although the radio communication has been effective for the District in the past, the District would like to “harden” (and to underground) the District’s communication infrastructure and to allow for real time data acquisition and continuous communication capabilities with the District’s tank infrastructure, the Distribution meter (located below the tank site) and the Nunes WTP.

This project is an expansion of scope for DN Tanks, LLC. (“DN”) involving the installation of a communications duct bank and appurtenances from the Carter Hill tank site up to the Nunes WTP. The purpose of this project is to establish reliable communication of data between the storage tank area and the treatment plant with 12-strand multi-mode fiber optic cable. The duct bank will also serve anticipated future fiber optic needs and will also provide a pathway for future upgraded communications to the Nunes WTP. The duct bank will include spare conduits to ensure that communication can be maintained or upgraded. Doing the work now

STAFF REPORT

Agenda: November 12, 2025

Subject: DN Tanks, LLC – Additional Scope of Work – Change Order #4

will prevent future excavation in the new asphalt surface included in the tank project.

The work will be done pursuant to Design Clarification #5 agreed upon between DN, HDR Engineering, Inc. ("HDR"), and the District. Both directional boring and conventional open trench methodologies were investigated and quoted by DN, with directional boring for most of the length determined to be the best and least expensive approach.

This additional scope of work has been submitted as Change Order #4 to DN's contract. DN's electrical subcontractor on the tank project, Atlas Pellizzari Electric Inc. ("Atlas"), will manage this work. Atlas will utilize Andreini Bros. Inc. to provide the required trenching and excavation. Northern Directional Drilling, Inc. will provide the directional boring and installation of 500 feet of conduit.

District staff recommend proceeding with this additional scope of work with DN, given that much of this work will be in the DN site work area. Staff and DN have worked diligently to value-engineer the communications duct bank to arrive at an economical yet optimized solution.

Fiscal Impact: \$184,216.44

Attachment A – Change Order 4 Detail for Additional Scope of Work.

Attachment A

Contract Change Order (CCO) #4 Summary
Carter Hill Prestressed Concrete Tank and Seismic Upgrades Project
Coastside County Water District
Half Moon Bay, California

Date Revised 6-Nov-25

PCO No.	Description	RFI or Submittal Numbers Included	Design Clarification Letter Included	Time Extension (Calendar Days)	Cost
15	Communications to Plant	21	5	15	\$184,216.44
	Total			15	\$184,216.44



**BUILT
FOR THE FUTURE**

November 6, 2025

Josh Kimbrell

Freyer Laureta Inc.

Subject: Added Conduit from Tank to Plant Change Order
2.10 MG Carter Hill Prestressed Concrete Tank & Seismic Upgrade Project Half Moon Bay, CA

Dear Mr. Kimbrell,

DN Tanks is submitting a formal change order request associated with the added electrical scope and trenching work, as outlined in the conformed drawings dated 09/11/2024 and Design Clarification No. 5 dated 06/20/2025. Our subcontractor, Atlas, has provided detailed pricing for this work, which includes (but is not limited to):

- Installation of new fiber cabling and trenching to the existing Main PLC
- Sawcutting, excavation, conduit installation, and surface restoration along approximately 960 LF
- Supply and installation of PVC conduits, Christy boxes, fiber optic cable, terminations, and testing
- Installation of a new LED pole light head on an existing wood pole
- Utility locating services and general trenching requirements

Please refer to the attached subcontractor quotes for full details of the proposed scope and exclusions. In addition to the subcontractor scope, DN Tanks has included:

- Direct Labor Cost includes Project Manager, Project Engineer, Project Accountant and the Superintendent Costs to coordinate, manage and supervise the work.

Description	Reference	Atlas Cost	DN Markup	Direct Labor	Total Cost	Schedule Impact
Fiber Optic Communication	DC#5	\$163,668.20	\$4,601.35	\$15,946.89	\$184,216.44	15 days

Schedule Impact:

DN Tanks is also requesting an additional 15 working days to the project schedule to account for this added scope. This is a precautionary request to ensure appropriate schedule coverage in case these activities impact overall completion.

Note: Any work not specifically identified in this quotation, or the attached subcontractor quotes are not included as part of this change order scope.

Exclusion:

- 1- All traffic control and road cleanup will be excluded from this pricing.
- 2- All surveying, layout and future as-built work will be excluded from this pricing.
- 3- This price only includes the scope that is mentioned in this letter. Any work outside of this scope will be excluded from this pricing.
- 4- All compaction testing, general testing and sampling are excluded from this quote. Owner will provide compaction testing for this portion of the work.

This change order only covers the direct costs for the work shown. It doesn't include any indirect impacts such as added time, extended overhead, or other time-related costs. We reserve the right to address those separately if they come up.

Please feel free to contact me if you have any questions or need further clarification.

Best regards,

Ulysses Sotomayor

Project Engineer

619.541.0303

351 Cypress LN, El Cajon, CA 92020

www.dntanks.com



**BUILT
FOR THE FUTURE**



CHANGE PROPOSAL

DN Tanks

Contact: Chris Esbah
351 Cypress Lane
El Cajon, CA 92020

Date: 11/5/2025
Project Name: CSWD HMB TANK REPLACEMENT
Project Number: 24-206
Change Order #: 002R5

Work Description

Per Design Clarification No. 5 dated 6/20/25, provide fiber cabling and site underground to existing Main PLC.
Provide sawcut, removal, excavation, sand/base rock backfill, per 00E101, Detail 2, and surface restoration (approx. 360LF).
Provide directional boring from Christy boxes near Main PLC to location outside road at existing Tank No. 3 (Approx. 500LF).
Provide (1) 3", (3) 2", and (2) 1" PVC and HDPE conduits and (7) B1730 Christy boxes, and traffic rated lids as specified.
Furnish and install (1) 12 strand, OM4, multimode non-armored fire optic cable from tank control panel to existing Main PLC.
Provide fiber terminations with SC connectors and wall mount fiber LIU enclosures with coupler panels on both ends.
Fiber cable testing with OLTS meter and labeled per owner direction. No Corning Installer Certificate included per RFI response.
Furnish and install (1) LED light pole head and mounting hardware onto existing wood pole per details 8A/8B on Sheet 00E102.
Provide private locator and potholing to mark out existing utilities along roadway to minimize any utility conflicts while trenching.
Provide off haul of spoils, signage, barricades, conduit spacers, anchorage supports, and trench plates as required.
Please see attached sub quotes for more info.
Change proposal does not include reinforced concrete encased duct bank per Sheet 00E101, Detail 1.
Change proposal does not include active traffic control along roadway.
Work to be performed during normal business hours.

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.	Labor U	Total Hrs.
1" LOCKNUT - STEEL	12	86.86 C	10.42	3.10 C	0.37
2" LOCKNUT - STEEL	8	247.98 C	19.84	6.80 C	0.54
3" LOCKNUT - STEEL	6	697.07 C	41.82	9.80 C	0.59
1" CONDUIT - PVC40	620	64.06 C	397.17	4.20 C	26.04
2" CONDUIT - PVC40	570	123.68 C	704.98	6.80 C	38.76
3" CONDUIT - PVC40	430	242.60 C	1,043.18	9.80 C	42.14
1" ELBOW 90 DEG - PVC40	12	237.20 C	28.46	22.00 C	2.64
2" ELBOW 90 DEG - PVC40	8	637.96 C	51.04	40.00 C	3.20
3" ELBOW 90 DEG - PVC40	6	1,923.84 C	115.43	68.00 C	4.08
1" COUPLING - PVC	14	64.36 C	9.01	0.00 C	0.00
2" COUPLING - PVC	12	155.78 C	18.69	0.00 C	0.00
3" COUPLING - PVC	6	455.18 C	27.31	0.00 C	0.00
1" ADAPTER MALE - PVC	12	99.08 C	11.89	12.00 C	1.44
2" ADAPTER MALE - PVC	8	217.92 C	17.43	18.00 C	1.44
3" ADAPTER MALE - PVC	6	528.60 C	31.72	28.00 C	1.68
#12 THHN BLACK	660	305.12 M	201.38	5.15 M	3.40
CONDUIT MEASURING TAPE	1,000	40.06 M	40.06	3.00 M	3.00
N30 CHRISY BOX W/ EXTENSION & TRAFFIC RATEE	7	1,215.00 E	8,505.00	3.00 E	21.00
COBRA LIGHT POLE HEAD	1	50.00 E	50.00	3.00 E	3.00
COBRA LIGHT POLE DETAIL	1	350.00 E	350.00	3.00 E	3.00
WARNING TAPE	1	75.00 E	75.00	3.00 E	3.00
CONDUIT SPACERS/TIE-DOWNS	35	12.00 E	420.00	0.15 E	5.25

ORIGINAL

CHANGE PROPOSAL

DN Tanks
351 Cypress Lane
El Cajon, CA 92020

Description	Qty	Net Price U	Total Mat.	Labor U	Total Hrs.
Totals	3,435		12,169.84		164.57

Summary

General Materials					12,169.84
Material Tax	(@ 9.750 %)				1,186.56
Total Material					13,356.40
ELECTRICIAN	(164.57 Hrs @ \$165.00)				27,154.05
LAYOUT/DETAILING/CHANGE INVESTIGATION	(8.00 Hrs @ \$165.00)				1,320.00
Subtotal					41,830.45
Overhead	(@ 10.000 %)				4,183.05
Subtotal					46,013.50
ANDREINI BROTHERS QUOTE (LUMP SUM)	(\$22,172.00 + 10.000 %)				24,389.20
DIGITAL DESIGN COMM (LUMP SUM)	(\$24,505.00 + 10.000 %)				26,955.50
SUBDYNAMIC LOCATING (T&M)	(\$1,500.00 + 10.000 %)				1,650.00
NORTHERN DIRECTIONAL DRILLING (LUMP SUM)	(\$58,800.00 + 10.000 %)				64,680.00
Subtotal					163,688.20
Final Amount					\$163,688.20

CLIENT ACCEPTANCE

CCN #	002R5
Final Amount:	\$163,688.20
Name:	
Date:	
Signature:	
Change Order #:	
I hereby accept this quotation and authorize the contractor to complete the above described work.	

ORIGINAL



Andreini Bros. Inc
151 Main St.
Half Moon Bay, Ca. 94019
PH. (650) 726-2065
FAX. (650) 726-7929

PROPOSAL

Revised 11/05/25*

PROPOSAL SUBMITTED TO Atlas Pellizzari		PHONE Attn; Jordan Sink	DATE 05/20/25
STREET 450 Howland St		JOB NAME Carter Hill Tank Communication Trenching	
CITY, STATE AND ZIP CODE Redwood City, CA. 94063		JOB LOCATAION 500 Lewis Foster Drive, CA	
ARCHITECT None	DATE OF PLANS	RFP#: A052025A	FAX

We hereby submit specifications and estimates for:

As per email description and per plan for trenching 18" wide, 36" deep and 80 feet long (after boring by others), price to include saw cut AC, demo. AC, excavate, off haul spoils, place encasement utility colored concrete and backfill remainder trench with recycled CI-II base rock and cap with temporary cutback patching. Does not include demolition or patching of concrete curbs, hazardous waste disposal, removal or replacement of asphalt swales. Pricing as follows:

- Saw cutting existing asphalt drive 80 LF of trench @ \$ 5.00/LF. Subtotal \$ 400.00
 - Strip AC and excavate with off haul 280 LF @ \$ 42.00/LF. Subtotal \$ 11,760.00
 - Supply and place sand bedding (no concrete). Subtotal \$ 1,252.00
 - Backfill remainder with CI-II base rock (no marking tape) 280 LF @ \$ 29.00/LF. Subtotal \$ 8,120.00
 - Patch trench with temporary cold patch asphalt 80 LF @ \$ 8.00/LF. Subtotal \$ 640.00
- Total Price \$ 22,172.00*

Exclusions: Permits, bonds, staking, design, testing, inspection fees, conduits, concrete encasement, pipe anchors or brackets, rebar, marking tape, repair or replacement of existing failed paving.

We Propose hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:
\$ 22,172.00*

Payment to be made as follows:

100% UPON COMPLETION; 1 ½% ADDED TO BILLS PAST 30 DAYS

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike Manner according to specifications submitted per standard practices. Any alteration or deviation from Above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner will carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. All work relies on expertise of engineers and designers, Andreini Bros. is not responsible for subsidence when work is completed as designed.

**Authorized
Signature**

JOHN KOTTMEIER

Note: this proposal may be
withdrawn by us if not accepted within 30 days

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are Authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Date of Acceptance: _____



Project Proposal

Name:	Jordan Sink	Date:	October 7, 2025
Owner:	Atlas Pellizzari Electric, Inc.		
Project:	Half Moon Bay		

Scope:

Northern proposes to directionally drill and install 500 feet of one 3", three 2" HDPE, two 1" HDPE conduit. This includes the following.

- USA and private locating of existing utilities
- Provide vacuum equipment to pothole existing utilities and off haul drilling mud
- Excavation of bore pits and trenching including saw cutting concrete and asphalt
- Supply HDPE conduit with transition fittings
- Supply two 17x30 pull boxes
- Backfill and compaction trenches and bore pits

Compensation: \$58,800.00

Exclusions:

Permits and fees
Grading of hillside for set up of drill rig
Survey
Water source
Vaults
Restoration of asphalt, concrete, landscaping
Sediment and erosion control

Clarifications:

- Northern Directional Drilling, Inc. will endeavor to locate and verify all existing utilities. Northern is not liable for any damages to utilities that are not located and additional compensation may be required for standby or for repair of damaged utilities.
- This proposal is based on drilling in sand, silt, or clay. Additional compensation will be required for drilling in rock, cobble or hard soil materials like sandstone and claystone.
- This proposal is based on working from 7:00 AM to 5:00 PM, Monday through Friday.

Terms: Payment to be made within 7 days upon receipt by owner

Submitted by:

Tommy Demus (925) 360-8125 cell tommy@northerndirectional.com

Acceptance of Proposal

The above scope, compensation, exclusions, clarifications, and terms are accepted as written above.

Signature: _____ Date: _____

Print Name: _____ Company: _____