

ZONE 7 WATER AGENCY
ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT
DUBLIN, CALIFORNIA
Project 306-24
ADDENDUM NO. 2
May 1, 2025

This Addendum No. 2 ("Addendum") is dated May 1, 2025, and modifies certain Bidding Documents issued by the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency ("District") in connection with the District's project: *Alamo Creek Bank Stabilization and Flood Management Pilot Project*. All capitalized terms not otherwise defined herein shall have the meanings provided in the Bidding Documents. There are no amendments other than Addendum 1, and Addendum 2. The bid submission date remains unchanged.

The following clarifications and/or modifications shall be incorporated into plans and specifications for the above-referenced project and shall become part of the Contract Documents. All other provisions and requirements shall remain unchanged.		
CONTRACT DOCUMENTS AND SPECIFICATIONS		
Addendum Item	Document/Section	Location and Description of Change
1	Document 00010A	<p>Replace Document 00010A - Table of Contents with attached Document 00010B - Table of Contents. Additionally, all references in the Contract to "Document 00010" shall refer to "Document 00010B."</p> <p>The attached Document 00010B shall be included as part of the bid documents.</p>
2	Document 00400	<p>Replace Document 00400 – Bid Form with attached Document 00400B – Bid Form. Additionally, all references in the Contract to "Document 00400" shall refer to "Document 00400B."</p> <p>The attached Document 00400B shall be included as part of the bid documents.</p>
3	Document 00800	<p>Replace Document 00800 – Supplementary Conditions – Division 0 with attached Document 00800B – Supplementary Conditions – Division 0. Additionally, all references in the Contract to "Document 00800" shall refer to "Document 00800B."</p> <p>The attached Document 00800B shall be included as part of the bid documents.</p>

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4	Document 01100	<p>Replace Document 01100 – Summary with attached Document 01100B – Summary of Work. Additionally, all references in the Contract to "Section 01100" shall refer to "Section 01100B."</p> <p>The attached Section 01100B shall be included as part of the bid documents.</p>
5	Section 02505	<p>Replace Section 02505 – Rock Structures with attached Section 02505B – Rock Structures. Additionally, all references in the Contract to "Section 02505" shall refer to "Section 02505B."</p> <p>The attached Section 02505B shall be included as part of the bid documents.</p>
6	Plans	<p>Replace Sheet G1 – Title Sheet with attached Sheet G13B – Title Sheet. Additionally, all references in the Contract to "Sheet G1" shall refer to "Sheet G1B."</p> <p>The attached Sheet C3A shall be included as part of the bid documents.</p>
7	Plans	<p>Replace Sheet C3 – Demolition Plan with attached Sheet C3B – Demolition Plan. Additionally, all references in the Contract to "Sheet C3" shall refer to "Sheet C3B."</p> <p>The attached Sheet C3B shall be included as part of the bid documents.</p>
8	Plans	<p>Replace Sheet C13 – Grading Plan – Module 4 and Module 5 with attached Sheet C13B – Grading Plan – Module 4 and Module 5. Additionally, all references in the Contract to "Sheet C13" shall refer to "Sheet C13B."</p> <p>The attached Sheet C13B shall be included as part of the bid documents.</p>
9	APPENDIX	<p>Appendix A – Project Questions and Answers added to bid documents</p>

Please be reminded that all bidders shall acknowledge receipt of this Addendum No. 2 (and all prior Addendums issued) in Document 00400B (Bid Form). Failure to acknowledge addendum(s) in the Bid Form render the bid non-responsive and may be cause for its rejection.

DOCUMENT 00010B

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00210	Indemnity and Release Agreement	00210-1	- 00210-2
00320	Geotechnical Data and Existing Conditions	00320-1	- 00320-4
00335	Hazardous Materials Documentation	00335-1	- 00335-2
00400B	Bid Form	00400B-1	- 00400B-8
00411	Bond Accompanying Bid	00411-1	- 00411-2
00420	Bidder Registration Form	00420-1	- 00420-2
00430	Subcontractors List	00430-1	- 00430-2
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00460	Schedule of Major Equipment and Material Suppliers	00460-1	- 00460-2
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END OF DOCUMENT

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DOCUMENT 00400B

BID FORM

To be submitted as part of Bidder's Envelope by the time and date specified in Document 00200 (Instructions to Bidders), paragraph 1.

TO THE HONORABLE BOARD OF DIRECTORS OF THE ZONE 7 WATER AGENCY OF THE
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

THIS BID IS SUBMITTED BY:

(Firm/Company Name)

**Re: ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT
PROJECT – PROJECT No. 306-24**

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency, a public agency of the State of California ("District") in the form included in the Contract Documents, Document 00520 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents.
2. Bidder accepts all terms and conditions of the Contract Documents, Document 00100 (Advertisement for Bids), and Document 00200 (Instructions to Bidders), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 90 Days after the day of Bid opening.
3. In submitting this Bid, Bidder represents:
 - (a) Bidder has examined all of the Contract Documents and the following Addenda (receipt of all of which is hereby acknowledged).

Addendum Number	Addendum Date	Signature of Bidder

- (c) Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 00520 (Agreement), Article 5.
 - (d) Bidder has given District prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by District is acceptable to Contractor.
 - (e) In accordance with California Public Contract Code Section 2200 et seq., ("Iran Contracting Act of 2010"), for bids of one million dollars (\$1,000,000) or more, Bidder certifies that Bidder is not identified on the list created by the California Department of General Services (DGS) in accordance with California Public Contract Code Section 2203(b) as a Person engaging in investment activities in Iran.
 - (f) Bidder shall comply with California Executive Order No. N-6-22, regarding sanctions in response to Russian aggression in Ukraine.
4. Based on the foregoing, Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:

SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01100B (Summary of Work). Quote in figures only, unless words are specifically requested.

Lump sums should be allocated to the specified bid items according to the number of modules listed in Tables A and B for the Work.

Bidder shall provide the information requested in this document (see pages that follow the bid table) as part of the Bid Package.

A Deferred Mobilization bid item (no more than three percent (3%) of the construction subtotal) may be applied, if Zone 7 is unable to issue a Notice to

Proceed to the Contractor by July 15, 2025, AND Contractor responds within five (5) business days of the Notice to Proceed, electing to defer commencement of Work until June 2026.

Table A: Grant-Funded Quantities (Modules 1, 2, 3, 4, & 5)

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
1A	Pre-Construction Surveying	N/A	Lump Sum	N/A	\$
2A	Mobilization/Demobilization	N/A	Lump Sum	N/A	\$
3A	Access & Haul Routes	N/A	Lump Sum	N/A	\$
4A	Clearing & Grubbing	65,456	Square Feet	\$	\$
5A	SWPPP	N/A	Lump Sum	N/A	\$
6A	Site Fencing	1,657	Linear Feet	\$	\$
7A	Temporary Water Diversion	N/A	Lump Sum	N/A	\$
8A	Dewatering	N/A	Lump Sum	N/A	\$
9A	Closure & detour signs	N/A	Lump Sum	N/A	\$
10A	Trail Repair & Resurfacing	12,943	Square Feet	\$	\$
11A	Earthwork (Excavation, Backfill, Grading)	18,222	Cubic Yards	\$	\$
12A	Off-Haul	3,647	Cubic Yards	\$	\$
13A	Rock Material (all sizes)	3,884	Tons	\$	\$
14A	Vegetated Soil Lifts	3,416	Linear Feet	\$	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
15A	Erosion Control Fabric	53,828	Square Feet	\$	\$
16A	Geogrid	7,319	Square Feet	\$	\$
17A	Hydroseeding	55,896	Square Feet	\$	\$
18A	Live Stakes	1,630	Linear Feet	\$	\$
19A	Optional Soil Import	892	Cubic Yards	\$	\$
20A	All Work of Contract Documents Other Than Work Separately Provided for Under Other Bid Items	N/A	Lump Sum	N/A	\$
21A	Extra Work Allowance (to be used as directed by Zone 7)	TBD	TBD	Allowance Item	\$360,000
		SUBTOTAL TABLE A PRICE	\$		
22A	Deferred Mobilization ($\leq 3\%$ of Subtotal Table A)	N/A	Lump Sum	\$	

Table B: Bank Repair Quantities (Modules 2a, 2b, & 2c)

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
1B	Pre-Construction Surveying	N/A	Lump Sum	N/A	\$
2B	Mobilization/Demobilization	N/A	Lump Sum	N/A	\$
3B	Access & Haul Routes	N/A	Lump Sum	N/A	\$
4B	Clearing & Grubbing	22,672	Square Feet	\$	\$
5B	SWPPP	N/A	Lump Sum	N/A	\$
6B	Site Fencing	N/A	Linear Feet	N/A	N/A
7B	Temporary Water Diversion	N/A	Lump Sum	N/A	\$
8B	Dewatering	N/A	Lump Sum	N/A	\$
9B	Closure & detour signs	N/A	Lump Sum	N/A	\$
10B	Trail Repair & Resurfacing	7,274	Square Feet	\$	\$
11B	Earthwork (Excavation, Backfill, Grading)	6,642	Cubic Yards	\$	\$
12B	Off-Haul	1,662	Cubic Yards	\$	\$
13B	Rock Material (all sizes)	1,487	Tons	\$	\$
14B	Vegetated Soil Lifts	N/A	Linear Feet	N/A	N/A
15B	Erosion Control Fabric	23,235	Square Feet	\$	\$
16B	Geogrid	2,805	Square Feet	\$	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
17B	Hydroseeding	19,667	Square Feet	\$	\$
18B	Live Stakes	590	Linear Feet	\$	\$
19B	Optional Soil Import	268	Cubic Yards	\$	\$
20B	All Work of Contract Documents Other Than Work Separately Provided for Under Other Bid Items	N/A	Lump Sum	N/A	\$
21B	Extra Work Allowance (to be used as directed by Zone 7)	TBD	TBD	Allowance Item	\$200,000
		SUBTOTAL TABLE B PRICE	\$		
22B	Deferred Mobilization ($\leq 3\%$ of Subtotal Table B)	N/A	Lump Sum	\$	

TOTAL BID PRICE (SUBTOTAL A + B)	\$
TOTAL BID PRICE WITH DEFERRED MOBILIZATION (SUBTOTAL A + B + 22A + 22B)	\$

5. Subcontractors for work included in all Bid items are listed on the attached Document 00430 (Subcontractors List).
6. The undersigned Bidder understands that District reserves the right to reject all Bids.
7. If written notice of the acceptance of this Bid, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in paragraph 2 of this Document 00400 or at any other time thereafter before it is withdrawn, the undersigned Bidder will execute and deliver the documents required by Document 00200 (Instructions to Bidders) within the times specified therein. These documents include, but are not limited to, Document 00520 (Agreement), Document

00610 (Construction Performance Bond), Document 00620 (Construction Labor and Material Payment Bond) and insurance certificates and endorsements required by Document 00700 (General Conditions).

8. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
9. The undersigned Bidder herewith encloses cash, a cashier's check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in the form specified in Document 00200 (Instructions to Bidders), in the amount of ten percent (10%) of the Total Bid Price and made payable to "Zone 7 Water Agency."
10. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Document 00700 (General Conditions) and to complete all work within the time specified in Document 00520 (Agreement). The undersigned Bidder acknowledges that District has reserved the right to delay or modify the commencement date without an adjustment to the Bid amount. The undersigned Bidder further acknowledges District has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the Bids, and that the undersigned Bidder will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.
11. The undersigned Bidder agrees that, in accordance with Document 00700 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Document 00800 (Supplementary Conditions – Division 0) shall be as set forth in Document 00800 (Supplementary Conditions – Division 0).
12. The names of all persons interested in the foregoing Bid as principals are:

(IMPORTANT NOTICE: If Bidder or other interested person is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if Bidder or other interested person is an individual, give first and last names in full).

NAME OF BIDDER: _____

Licensed in accordance with an act for the registration of Contractors, and with license number: _____ Expiration: _____

Where incorporated, if applicable

Contractor Registration Number & Expiration Date

Principals

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signature of Bidder

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address:

Contractor's Representative(s), (name, title):

Officers authorized to sign contracts:

Telephone Number(s):

Fax Number(s):

Date of Bid:

END OF DOCUMENT

DOCUMENT 00800B**SUPPLEMENTARY CONDITIONS – DIVISION 0**

This section includes requirements that supplement or modify Division 0 of the Contract Specifications.

1.0 MODIFICATIONS TO DOCUMENT 00200 (INSTRUCTIONS TO BIDDERS)

1.1 Paragraph 3 - BID SUBMISSION, remove last line in paragraph, "A bidder must also purchase a set of the bid documents to submit a bid."

1.2 After Item h in Paragraph 4 – CONTENTS OF BID ENVELOPE – BID PRICE, insert the following:

- "i. Copy of California Class A Contractor's License
- j. Contractor's California DIR Number"

1.3 Paragraph 6 - REQUIRED BID FORMS, replace in whole with the following:

"All Bidders must submit Bids using, where applicable, documents supplied in this Project Manual, including without limitation Document 00400 (Bid Form), Document 00420 (Bidder Registration Form), Document 00430 (Subcontractors List), Document 00450 (Statement of Qualifications for Construction Work), Document 00460 (Schedule of Major Equipment and Material Suppliers), Document 00481 (Non-Collusion Affidavit), Document 00482 (Bidder Certifications), Copy of California Class A Contractor's License, and Contractor's California DIR Number. District reserves the right to reject as non-responsive any Bid not submitted on the required Project 306-24 forms. Bids must be full and complete. Bidders must complete all Bid items and supply all information required by Bidding Documents. District reserves the right in its sole discretion to reject any Bid as non-responsive as a result of any error or omission in the Bid. Bidders may not modify the Bid Form or qualify their Bids. Bidders must submit clearly and distinctly written Bids. Bidders must clearly make any changes in their Bids by crossing out original entries, entering new entries, and initialing new entries. District reserves the right to reject any Bid not clearly written."

1.4 Paragraph 9 – SCADA PROGRAMMING SERVICES, replace in whole with the following:

"NOT USED"

1.5 Paragraph 14 – SUBSTITUTIONS, replace Item D with the following:
"Supplementary Conditions)." with "Supplementary Conditions – Division 0)."

1.6 Paragraph 20 – AWARD, append the following to the end of paragraph one:

"Contractor must be registered with DIR."

1.7 Paragraph 21 BID PROTEST, replace sentence one with the following:

"Any Bid protest must be submitted in writing (e-mail or physical mail) to the District's office (Attention: Project Engineer), and received before 2:30p.m. of the fifth Day following opening of bids."

2.0 NOT USED

3.0 MODIFICATION TO DOCUMENT 00335 (HAZARDOUS MATERIALS DOCUMENTATION)

Paragraph 2.B. under Reports and Information, NOT USED.

4.0 MODIFICATIONS TO DOCUMENT 00520 (AGREEMENT)

Article 3. Contract Time and Liquidated Damages

3.1 Time Allowed for Completion

In accordance with the provisions of Section 00700, Substantial Completion of this Project shall be completed by **October 15, 2025, or as directed by the Project Engineer**; Final Completion of this Project shall be completed by **December 16, 2025**. Actual work time shall be in accordance with work days and hours as defined in Section 01100.

The Notice to Proceed (NTP) for this project is contingent upon receipt of required environmental permits. Zone 7 anticipates issuing the NTP on or before July 15, 2025.

If the NTP is issued after July 15, 2025, the Contractor shall have the option to defer commencement of work to June 2026, upon providing written notification to Zone 7 within five (5) business days of the NTP. Should the Contractor elect to defer commencement to June 2026, the Contractor shall be entitled to payment of the bid item for Deferred Mobilization included in Form 00400B. If the Contractor elects to proceed with work in 2025, all in-channel work must be completed by October 15, 2025, or as directed by the Project Engineer.

Zone 7 shall not be liable for any claims for delay, standby, idle time, or additional costs associated with the timing of the NTP issuance or the availability of permits, other than payment of the specified in Deferred Mobilization bid item if applicable.

3.2 Substantial Completion

Substantial Completion of Work shall include completion of all heavy equipment Work and implementation of erosion control achieved by **October 15, 2025, or as directed by the Project Engineer**. Work is considered to be substantially completed when all heavy equipment in-channel work and implementation of erosion control is complete.

3.3 Final Completion

All Work under this Project shall be completed by **December 16, 2025**.

Portions of the Work, which can be completed manually without violation of permit conditions, may be completed after the Work is accepted as Substantially Complete, and may include the following items:

- 3.2.1 Willow stake harvesting/installation.
- 3.2.2 Disposal of stockpiled materials.
- 3.2.3 Non-substantial punch list items.

3.4 Liquidated Damages for Delays

In accordance with the provisions of Section 00700, Liquidated Damages for the period of time that any portion of the work remains unfinished after the times fixed for **Substantial Completion** and **Final Completion** described in Document 00800-2.0, or as modified by extensions of time granted by the District, it is understood and agreed by the Contractor and the District that the Contractor shall pay the District the damages listed below. These measures of liquidated damages shall apply cumulatively and except as provided below, shall be presumed to be the damages suffered by District resulting from delay in completion of the Work.

- A. Substantial Completion - \$3,000 per day liquidated damages
- B. Final Completion - \$1,500 per day liquidated damages

4.0 MODIFICATIONS TO DOCUMENT 00520, Article 6, Contract Documents

4.1 After Paragraph 6.1, insert:

- 6.1.A Contractor has examined thoroughly and understood all reports of exploration and tests of subsurface conditions, as-built drawings, drawings,

products specifications or reports, available for Bidding purposes, of physical conditions, including Underground Facilities, which may be identified in Document 00320 (Geotechnical Data and Existing Conditions), and/or Document 00335 (Hazardous Materials Documentation) or which may appear in the Drawings or in the Appendix. Contractor accepts the determination set forth in this Document and Document 00700 (General Conditions) of the limited extent of the information contained in such materials upon which Contractor may be entitled to rely.

- 6.1.B Document 00320 (Geotechnical Data and Existing conditions) and Document 00335 (Hazardous Materials Documentation), and Appendix and the information supplied therein are informational and are **not Contract Documents**.

4.2 After Paragraph 6.2, insert new Paragraph 6.3, reading as follows:

This contract and all terms thereof shall supersede any prior agreement of the parties.

5.0 MODIFICATIONS TO DOCUMENT 00520, Article 7, Miscellaneous

5.1 After Paragraph 7.9, insert new Paragraph 7.10, reading as follows:

- 7.10.A Contractor is responsible for all regulations, licenses, permits and fees in accordance with Document 00700, paragraph 13. Contractor shall develop and plan for all costs for any encroachment permit work, construction water needs, disposal of construction water and/or hydro-static testing, flushing operations through the sanitary sewer system.

- 7.10.B Zone 7 Water Agency is a wholesale water agency that provides water to the cities of Dublin, Pleasanton, Livermore and unincorporated areas of Alameda County. Zone 7 Water Agency has two treatment plants: the Patterson Pass Water Treatment Plant and the Del Valle Water Treatment Plant. Zone 7 Water Agency also has water production wells and pump stations in the Tri-Valley area. These Zone 7 Water Agency facilities are connected by Zone 7 Water Agency's water transmission system which travels throughout Dublin, Pleasanton and Livermore. While Zone 7 Water Agency has some pipeline easements, Zone 7 Water Agency transmission pipelines and associated facilities are predominantly within the public right-of-way. Therefore, Contractors working for Zone 7 Water Agency are subject to, but not limited to, the following:

1. For work in the City of Dublin, applicable business licenses, encroachment permits, and taxes.

2. For work in the City of Pleasanton, applicable business licenses, encroachment permits, taxes, sewer discharge fees, and construction water.
3. For work in the City of Livermore, applicable business licenses, encroachment permits, taxes, sewer discharge fees, and construction water.
4. For work in unincorporated areas, applicable County of Alameda encroachment permits.
5. For work affecting Dublin San Ramon Services District, applicable encroachment permits, sewer discharge fees, and construction water.
6. For work affecting California Water Service Company in the city of Livermore, applicable encroachment permits.
7. The Contractor shall obtain, as applicable, a permit as required by Cal/OSHA for each of the following:
 - a. Construction of trenches or excavations that are five feet or more in depth and into which a person is required to descend (or less than five feet if required by Cal/OSHA).
 - b. Construction or demolition of any building, structure, or scaffolding for falsework more than three stories high, or the equivalent height (36 feet).
 - c. Erection or dismantling of vertical shoring systems more than three stories high, or the equivalent height (36 feet).
8. Additional permits may be required from other companies including, but not limited to, PG&E, AT&T, Sprint, Comcast, Kinder Morgan.

7.10.C. Contractor shall comply with work that is regulated by State and Federal agencies. Regulatory permits issued to Zone 7 from a previous similar project from the Regional Water Quality Control Board, U.S. Army Corps of Engineers, and Department of Fish and Wildlife are included as Exhibits in Section 01800. Contractor should assume requirements will remain the same for this project.

6.0 MODIFICATIONS TO DOCUMENT 00700 (GENERAL CONDITIONS – DIVISION 0)

4.1 Contractor Registration – Contractor shall comply with SB 854 and SB96.

7.0 REMOVAL OF REFERENCES TO DOCUMENTS MARKED NOT USED

7.1 All statements in Division 0 pertaining to Division 2 through 17 are hereby deleted by reference.

END OF DOCUMENT

DIVISION 1 GENERAL REQUIREMENTS

SECTION 01100B

SUMMARY OF WORK

PART 1 GENERAL

1.1 SUMMARY

A. Section includes summary of Work including:

1. Work Covered By Contract Documents
2. Bid Items and Allowances
3. Work under Other Contracts
4. Future Work
5. Work Sequence
6. Work Days and Hours
7. Cooperation of Contractor and Coordination with Other Work
8. Maintenance, Product Handling, and Protection
9. Partial Occupancy/Utilization Requirements
10. Contractor Use of Premises
11. Lines and Grades
12. Protection of Existing Structures and Utilities
13. Damage to Existing Property
14. Parking
15. Laydown/Staging Area
16. Permits
17. Punch List Verification
18. Actual Damages for Violations
19. Unfavorable Construction Conditions
20. Protection of Water Quality
21. Work at Site
22. Construction Site Access
23. Site Administration

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Work shall be performed along the reach of Alamo Creek located downstream of the South San Ramon Creek-Alamo Creek confluence and north of flood protection facility Line F-4, located in Dublin, California as shown in the Drawings. The project site is an approximately 2,000-foot long reach of Alamo Creek, just south of the Iron Horse Trail and parallel to the Alamo Creek Trail. The work involves a series of bank stabilization modules distributed longitudinally along the project reach in areas prone to bank failure and toe erosion. The modules are aimed at reducing erosion,

preventing bank failure, and improving habitat for aquatic and riparian species. There are five different modules proposed that will utilize different elements, including rock cross vanes, vegetated rock slope protection, vegetated soil lifts, live stake plantings, native grass seeding, low-profile perennial plants, erosion control and native trees and shrubs planted along the top of the bank. An approximate 0.7 acre lot is made available for onsite staging just northeast of the confluence, as shown in the Drawings. An approximate 2-acre staging and storage area, located off of El Charro Road in Livermore within the Chain of Lakes area, can also be made available for use.

In addition, the work also includes storm damage repairs utilizing one of the module elements to be applied in three (3) locations. In total, eight (8) modules will be implemented throughout the reach.

- B. Furnish all labor, materials, equipment, services, permits, temporary controls and construction facilities, and all general conditions, seismic requirements, general requirements and incidentals required to complete the Work in its entirety as described in the Contract Documents. The Work includes, but is not necessarily limited to the following:
 - 1. Installation of module elements, including: grading, rock placement, vegetated soil lifts, planting, and seeding as shown in the project drawings.
 - a. Module 1: Install ½-ton rock in the module toe, and ¼-ton rock in the banks to the 100-year flood water surface elevation (Q100 WSE) as shown in the Drawings. Install two rows (middle and upper) of live stakes concurrently with the rock placement, as shown in the Drawings. Install geogrid as shown in the drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the drawings to the top of the bank. Install rock vane (comprised of ½-ton rock in a V-shaped orientation pointing upstream) and scour pool (comprised of ¼-ton rock backfilled with engineered streambed material) as shown on the Drawings. Install lower row of live stakes at toe of channel bank as shown on the Drawings.
 - b. Module 2: Install ½-ton rock in the module toe, and ¼-ton rock in the banks to the 10-year flood water surface elevation (Q10 WSE) as shown in the Drawings. Install two rows (middle and upper) of live stakes concurrently with the rock placement, as shown in the Drawings. Install geogrid as shown in the Drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the drawings to the top of the bank. Install rock vane (comprised of ½-ton rock in a V-shaped orientation

pointing upstream) and scour pool (comprised of ¼-ton rock backfilled with engineered streambed material) as shown on the Drawings. Install lower row of live stakes at toe of channel bank as shown on the Drawings.

- c. Module 3: Install ½-ton rock in the module toe, and ¼-ton rock in the banks as shown in the Drawings. Install one row (middle) of live stakes concurrently with the rock placement, as shown in the drawings. Place 6" of soil cover and Vegetated Soil Lifts on top of the ¼-ton rock layer to the 10-year flood water surface elevation (Q10 WSE) as shown in the Drawings. Install geogrid as shown in the Drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the Drawings to the top of the bank. Install lower row of live stakes at toe of channel bank and upper row of live stakes in Vegetated Soil Lift as shown on the Drawings.
- d. Module 2a: Install ½-ton rock in the module toe, and ¼-ton rock in the banks to the 10-year flood water surface elevation (Q10 WSE) as shown in the Drawings. Install two rows (middle and upper) of live stakes concurrently with the rock placement, as shown in the Drawings. Install geogrid as shown in the Drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the Drawings to the top of the bank. Install lower row of live stakes at toe of channel bank as shown on the Drawings.
- e. Module 4: Install ½-ton rock in the module toe, and ¼-ton rock in the banks as shown in the Drawings. Install one row (middle) of live stakes concurrently with the rock placement, as shown in the Drawings. Place 6" of soil cover and Vegetated Soil Lifts on top of the ¼-ton rock layer to the 10-year flood water surface elevation (Q10 WSE) as shown in the Drawings. Install geogrid as shown in the Drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the Drawings to the top of the bank. Install a rock vane (comprised of ½-ton rock in a V-shaped orientation pointing upstream) and scour pool (comprised of ¼-ton rock backfilled with engineered streambed material) as shown on the Drawings. Install lower row of live stakes at toe of channel bank and upper row of live stakes in Vegetated Soil Lift as shown on the Drawings.
- f. Module 2b (right bank only): Install ½-ton rock in the module toe, and ¼-ton rock in the bank to the 10-year flood water surface elevation (Q10 WSE) as shown in the Drawings. Install two rows (middle and upper) of

live stakes concurrently with the rock placement, as shown in the Drawings. Install geogrid as shown in the Drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the Drawings to the top of the bank. Install lower row of live stakes at toe of channel bank as shown on the Drawings.

- g. Module 2c (left bank only): Install ½-ton rock in the module toe, and ¼-ton rock in the bank to the 10-year flood water surface elevation (Q10 WSE) as shown in the drawings. Install two rows (middle and upper) of live stakes concurrently with the rock placement, as shown in the Drawings. Install geogrid as shown in the drawings. Install module components on top of the bank rock in the following order: 1' of soil cover, hydroseeding, erosion control fabric. Install additional fill material, hydroseeding, and erosion control fabric as shown in the Drawings to the top of the bank. Install lower row of live stakes at toe of channel bank as shown on the Drawings.
- h. Module 5 (right bank grading): Grade the right bank as shown in the Drawings. Apply hydroseeding, install live stakes, and install erosion control fabric as shown in the Drawings.

2. Water Control and Flow Diversion

- a. Contractor is responsible for the final diversion plan design, which must conform to the water quality monitoring and dewatering plan within the RWQCB 401 permit. A conceptual diversion plan is provided in the Drawings for reference but Contractor should determine how to best divert live stream flow to facilitate construction activities in conformance with applicable permits.

3. Protection of Adjacent Bike Trail and Maintenance Road

- a. Construction vehicles shall avoid the Iron Horse Regional Trail as shown in the Drawings and described in Section 02045 (Access & Haul Routes). In the case of Iron Horse Regional Trail or Alamo Canal Trail maintenance or road damage, a typical access road section is included in the drawings to provide repairs to the trail. East Bay Regional Park District specifications shall be used during trail repair; these are provided in 01800 (Supplementary Conditions – Div 1).

4. Erosion Control

- a. Erosion control fabric is used in Modules 1, 2, 3, 2a, 4, 2b, 2c, and 5 to prevent damage to the design area.

C. Environmental Measures.

- 1. Undertake Work throughout the project duration in a manner that protects endangered animal and plant species in the project area, including, but not

limited to: California red legged frog, the western pond turtle, raptors and other nesting birds. Protect all existing improvements and vegetation not slated for demolition by placing temporary fencing, flagging or equivalent, around them. The contractor shall be responsible for coordination and compliance with the protective measures specified in the Project permits (Appendix A – Appendix C). Contractor shall, at its own cost, comply with all permit requirements and implement conditions listed under the Mitigation Monitoring and Reporting Program (MMRP) in Appendix D.

2. The Contractor shall coordinate its schedule and provide sufficient notification to allow Zone 7's Biologist to perform the following activities:
 - a. Conduct an environmental education program for all construction personnel.
 - b. Perform pre-construction biological surveys.
 - c. Biological monitoring/inspection during construction activities, including but not limited to coffer dam installation and sediment basin excavation if standing water.
 - d. Coordinate with California Department of Fish and Game regarding the relocation of any species found in the construction area.
3. The contractor and any related personnel working onsite shall attend a training session on the first day of project work as part of the environmental education program. Zone 7's Biologist will conduct the training and will include specific instructions on protecting endangered species in and around the site.

Note that Zone 7's Biologist will have the authority to stop all or a portion of project work due to, among other conditions: (i) the failure to follow instructions given at the first day meeting; (ii) discovery of a threat to known endangered species; or (iii) the discovery of additional endangered species and/or additional individuals of a known endangered species. In the event the Biologist orders a work stoppage due to a discovery, the contractor shall be entitled to an extension of the contract time.

4. Coordinate with local utility owners, City of Dublin and County of Alameda, obtain necessary permits, comply with permit and environmental conditions, approved haul routes and detours, project work hours, site restoration and cleanup.
- D. The Work of this Contract comprises construction of all the Work indicated, described in the Specifications, or otherwise required by the Contract Documents. Such other items or details not mentioned above, but required by the Drawings and Specifications, shall be performed, placed, constructed, removed, or installed in accordance with the Contract Documents.
- E. Unless provided otherwise in the Contract Documents, all risk of loss to Work covered by Contract Documents shall rest with Contractor until Final Acceptance of the Work.

- F. Contractor's use of the premises for Work and storage (staging area) is limited to the areas indicated on the Drawings.
- G. Contractor shall be solely responsible for all utilities (including without limitation electricity, phone lines, water, gas, etc.) at the Site.
- H. Contractor shall salvage, segregate, and reuse any excavated earthen and rock materials that meet the specifications. Any excess earthen and rock materials not utilized in the Work shall be transported and stockpiled separately at the offsite staging area. Upon completion of construction, excess material at offsite staging area is to be shaped into stockpiles by classification. All organic material, concrete, grouted rock and other debris from demolition, shall become the property of the Contractor, and are to be disposed of in a legal manner by the Contractor at an approved offsite disposal facility, at the Contractor's own cost.
- I. Existing materials and equipment removed and not reused as a part of the Work shall be returned to the District. Contractor shall carefully remove, in a manner to prevent damage, all materials and equipment specified or indicated to be salvaged and reused or to remain the property of District. Contractor shall store and protect salvaged items specified or indicated to be reused in the Work.
- J. Salvaged items not to be reused in the Work, but to remain District's property shall be delivered by Contractor in good condition to District's offsite staging and storage area located off **El Charro Road in the Chain of Lakes area of Livermore.**

Any items specified or indicated to be salvaged which are damaged in removal, storage, or handling through carelessness or improper procedures shall be replaced by Contractor in kind or with new items. Contractor may furnish and install new items instead of those specified or indicated to be salvaged and reused, in which case such removed items will become Contractor's property. Existing materials and equipment removed by Contractor shall not be reused in the Work, except where so specified or indicated, or approved by the District's Project Engineer.

1.3 BID ITEMS AND ALLOWANCES

- A. Any Bid Item may be deleted from the Work and Contract Sum, in total or in part, prior to or after award of Contract without compensation in any form or adjustment of other Bid Items or prices therefore.
- B. Payment of all items is subject to provisions of Contract Documents, including without limitation Section 01200 (Measurement and Payment).
- C. For all Bid Items, furnish and install all work indicated and described in Specifications and all other Contract Documents, including connections to existing

systems. Work and requirements applicable to each individual Bid Item, or unit of Work, shall be deemed incorporated into the description of each Bid Item (whether Lump Sum, or Unit Price).

- D. Description of Lump Sum Bid Items: Bid items are not intended to be exclusive. A lump sum for each Project item shall be allocated according to the number of modules listed for the Work. Description of work categories and Bidder shall determine and include in its pricing all materials, labor and equipment necessary to complete each Bid Item as shown and specified:
1. Pre-Construction Surveying (Item 1 – Section 01780): The Contractor shall be responsible for all construction surveying and layout. All engineering surveying shall be done under the direct supervision of a California Professional Land Surveyor. The Professional Land Surveyor shall be responsible for all construction staking, monument preservation, and for the correct determination of all lines, grades, distances, elevations, and property easement lines.
 - a. The lump sum price paid under this item shall be full payment for performing Pre-Construction Surveying as required by Section 001780 (Project Record Documents). Payment shall include, but not be limited to, surveying done by a California Professional Land Surveyor, and all required documentation of survey activities.
 2. Mobilization/De-Mobilization (item 2 – Section 02041): Mobilization includes mobilization of equipment and materials, construction fencing and silt fencing as needed, utility location/avoidance, preparing site access roads, site restoration, and preparing temporary access roads.
 - a. The lump sum price paid under this item shall be full payment for initial mobilization at Project commencement, including, but not limited to, payment for all Bonds and Insurance required by Document 00700 (General Conditions), providing the Safety Plan; applicable permits, as required by Document 00550 (Notice to Proceed) and Document 00700 (General Conditions); mobilization, existing utilities identification and protection, winterization of the site; demobilization before the rainy season and remobilization in the second year, if any; site restoration and clean up and demobilization, as described in Section 02041 (Mobilization); and record drawings at Final Completion of Payment. Progress payments shall be 50% to be paid upon completion of mobilization and 50% upon final demobilization, unless agreed to otherwise in the Schedule of Values.
 3. Access & Haul Routes (Item 3 – Section 02045): Consists of the construction and maintenance of access and any haul roads used for transportation and hauling to the project areas, as shown on the Drawings and described in these specifications. Also includes securing haul route permits at the cost of the Contractor.

- a. The lump sum price paid under this item shall be full payment for all Access and Haul Routes as defined in Section 02045 (Access and Haul Routes). Payment shall include, but not limited to, clearing, construction, and repair of access and haul routes by the Contractor.
4. Stormwater Pollution Prevention Plan (Item 5 – Section 01570): The Contractor shall develop and implement a Stormwater Pollution Prevention Plan (SWPPP); as required by State Water Resources Control Board Order 2009-0009-DWQ. SWPPP will be prepared by a certified Qualified SWPPP Developer (QSD) and contractor will provide all measures noted in the SWPPP. The SWPPP will include temporary erosion and sediment control measures that meet the requirements of the permitting agency.
 - a. The lump sum price paid under this item shall be full payment for Stormwater Pollution Prevention Plan (SWPPP) preparation as required by Section 001570 (Stormwater Management and Erosion Control). Payment shall include, but not limited to, preparation of the SWPPP by a qualified QSD, and preparation of the Monitoring and Reporting Plan (M&RP).
5. Temporary Water Diversion (Item 7 – Section 02240): A water diversion system will be implemented by the Contractor to maintain the work site as water-free as possible for the duration of in-channel work, as described in Section 02240 (Temporary Water Diversion). The system shall be designed to divert streamflow in Alamo Creek (considering the combined flows of Alamo Creek and South San Ramon Creek which are gaged upstream of the Alamo Creek confluence structure) and dewatering as necessary to create suitable conditions for construction activities in the channel. The Contractor shall determine an appropriate approach which may include cofferdams, gravity pipes, and/or pump diversions.
 - a. The lump sum price paid under this item shall be full payment for Temporary Water Diversion preparation and implementation as required by Section 02240 (Temporary Water Diversion). Payment shall include, but not limited to, design of the diversion plan by the Contractor, and implementation at the project site.
6. Dewatering (Item 8 – Section 02240): In order to maintain the work site suitable for in-channel work, the Contractor shall determine an appropriate approach for dewatering as necessary to perform construction activities in the channel.
 - a. The lump sum price paid under this item shall be full payment for Dewatering preparation and implementation as required by Section 02240 (Temporary Water Diversion). Payment shall include, but not limited to, design of the dewatering plan by the Contractor, and implementation at the project site.

7. Closure & Detour Signs (Item 9 – Section 01800): Construction area signs shall be furnished, installed, maintained, and removed when no longer required. These shall conform to Zone 7 Water Agency's standard set forth in Spec Section 01800.
 - a. The lump sum price paid under this item shall be full payment for Closure and Detour Signs as required by Section 01800 (Supplementary Conditions). Payment shall include, but not limited to, furnishing and placement of detour signage by the Contractor.
8. All Work of Contract Documents Other than Work Separately Provided for Under Other Bid Items (Item 20): The lump sum price paid under this item shall be full payment for all work of contract documents other than work separately provided for under other Bid Items.
9. Deferred Mobilization (Item 22): The bid item covers compensation to the Contractor for deferring the commencement of Work to a subsequent construction season (June 2026) at the direction of the District due to permit-related or other pre-identified constraints.
 - a. Payment under this item shall only apply if the Notice to Proceed (NTP) is issued after July 15, 2025, and the Contractor elects, with written notice to the District within five (5) business days of NTP issuance, to defer commencement of work to June 2026 in accordance with the Contract Documents.
 - b. The lump sum price paid under this item shall be full payment for Deferred Mobilization and shall be made as a lump sum, based on the bid item amount submitted in the Contractor's Bid Schedule. Payment under this item shall be considered full compensation for all costs related to schedule adjustments, overhead, remobilization planning, and other administrative impacts resulting from the deferral. No additional claims for delay, standby time, or lost productivity related to the deferred start shall be considered.
 - c. Full payment will be made upon completion of initial mobilization at Project commencement in June 2026.
- E. Description of Unit Price Bid Items and Basis of Measurement and Payment: Bid items are not intended to be exclusive. A measured quantity for each Project item shall be determined and applied for the specified quantity pertaining to whether it is a Grant-Funded module or Bank Repair module. Description of work categories and Bidder shall determine and include in its pricing all materials, labor and equipment necessary to complete each Bid Item as shown and specified:
10. Clearing & Grubbing (Item 4 – Section 02110): This work shall consist of the removal of natural and artificial objectionable material from and within the areas of construction and other designated areas. Any required clearing and grubbing

shall be performed in advance of site preparation, trenching, excavation, grading, material placement, and pipe placement operations.

- a. Clearing and grubbing shall be paid per square foot in the areas of construction activity. Payment shall include, but not limited to, clearing, grubbing, and removal/disposal of cleared materials in the areas of construction activity.

11. Site Fencing (Item 6 – Section 02041): Fencing used to secure Project Limit of Work and onsite staging area, and where construction boundaries are adjacent to other public access points. Metallic-coated steel chain-link fence with privacy mesh (also known as wind screen) with a locking gate shall be used. Tree protection fencing is also classified under this bid item; Contractor shall install temporary high-visibility tree protection fencing around trees to be protected as identified in the project drawings, under direction of contractor's arborist, to protect remaining trees and vegetation from construction damage. Maintain tree protection fencing until all site work has been completed and remove when construction is complete.

- a. Site fencing shall be paid per linear foot in the areas defined in Section 02041 (Mobilization and Demobilization). Payment shall include, but not limited to, cost of furnishing and installation of chain link fencing and temporary high-visibility fencing.

12. Trail Repair & Resurfacing (Item 10 – Section 02510): Any damage to the trail occurring during construction activities shall be inspected by the Project Engineer or its acting representative prior to repairs being authorized. It will be at the Project Engineer's discretion as to how trail repairs will be addressed by resurfacing asphalt via slurry seal or to saw-cut sections and replace with Aggregate Base.

- a. Trail Repair & Resurfacing shall be measured by square footage of trail damaged during construction activities, and shall be repaired as required by Section 02510 (Aggregate Base). Payment shall include, but not limited to, furnishing of materials required for trail repair, and installation by the Contractor.

13. Earthwork (Excavation, Backfill, Grading) (Item 11 – Section 02200): This bid item is comprised of excavation and placement of fill. Excavation includes removal of material encountered above finished and subgrade elevations and to lines and dimensions indicated. Placement of fill includes existing site soil selected from the excavations with the approval of the Soils Engineer used to fill excavation. Also includes imported engineered streambed material, a fill material composed of gravel and fines, suitable for use as streambed fill. Includes furnishing of material from an approved facility, and placement of the material in the scour pools on site as shown in the Drawings.

- a. Earthwork shall be measured by the total cubic yardage of excavation and backfill, and grading, which includes soil backfill around rocks and

placement of engineered streambed material as defined in Section 02200 (Earthwork). Payment shall include, but not limited to, furnishing of imported engineered streambed material, and excavation and backfill activities performed by the Contractor.

14. Off-Haul (Item 12 – Section 02200): Hauling vegetation and site debris cleared and removed to a Zone 7 Water Agency approved transfer station. This also includes testing of all debris for hazardous material contamination.
 - a. Off-Haul shall be measured by the total cubic yardage represented by the difference between excavation and backfill, as defined in Section 02200 (Earthwork). Payment shall include, but not limited to, performing testing for hazardous material contamination and trucking all material off-site to an appropriate facility.
15. Rock Material (all sizes) (Item 13 – Section 02505): Furnishing and installing ½-ton rock and ¼-ton rock, as shown in the Drawings and described in Section 02505 (Rock Structures).
 - a. Rock Material shall be measured as the total cubic yardage ½-ton and ¼-ton rock material placed throughout project site. Payment shall include, but not limited to, furnishing of rock from an approved facility (including material and transport costs) as defined in Section 02505 (Earthwork), and placement of rock at the project site.
16. Vegetated Soil Lifts (Item 14 – Section 02804): Streambank fill installations to be placed in select areas shown on the Drawings and described in Section 02804 (Vegetated Soil Lifts). Blocks will be overlaid on top of three base course of riprap and native fill, anchored with stakes, and hydroseeded.
 - a. Vegetated Soil Lifts shall be measured as the total linear footage of all lifts placed at the project site. Payment shall include, but not limited to, furnishing of Vegetated Soil Lifts from an approved vendor as defined in Section 02804 (Vegetated Soil Lifts) and placement at the project site.
17. Erosion Control Fabric (Item 15 – Section 02241): Erosion control fabric consisting of biodegradable material as described in Section 02241 (Erosion Control Fabric). This fabric shall be placed on top of each bank above the hydroseeding, and anchored into the fill as shown in the Drawings.
 - a. Erosion Control Fabric shall be measured by the total square footage of fabric placed at the project site. Payment shall include, but not limited to, furnishing of an approved erosion control fabric as defined in Section 02241 (Erosion Control Fabric) and placement at the project site.
18. Geogrid (Item 16 – Section 02242): Geogrid fulfilling the requirements described in Section 02242 (Geogrid). The geogrid shall be placed as shown in the drawings at top of bank locations in each module with 1 ft of soil cover placed above the geogrid.

- a. Geogrid shall be measured by the total square footage of geogrid placed at the project site. Payment shall include, but not limited to, furnishing of an approved geogrid as defined in Section 02242 (Miragrid 3XT Geogrid) and placement at the project site.
- 19. Hydroseeding (Item 17 – Section 02936): Preparing the designated areas, and mixing and applying seed, commercial fertilizer and stabilizing emulsion, or any combination thereof, with fiber and water. Hydroseed shall be applied to all bare soil impacted by the project, and shall be placed underneath erosion control fabric.
 - a. Hydroseeding shall be measured by square footage of seed mix applied at the project site. Payment shall include, but not limited to, furnishing of approved hydroseed mixture as defined by species and seeding rate in Section 02936 (Hydroseeding), and placement at the project site.
- 20. Lives Stakes (Item 18 – Section 02805): Shorter live woody plant materials used as anchoring stakes in the module designs as shown in the Drawings.
 - a. Measurement for live stake planting will be made by the Project Engineer based upon linear footage of stakes installed.
 - b. Total payment for the furnishing and installation of live stakes at the site will be made at the price named in the Bid Form under the Bid Item number listed above. Such price named shall constitute full compensation for the furnishing and planting of the live stakes, including but not limited to: quality control and embedment.
- 21. Optional Soil Import (Item 19 – Section 02200): Optional imported material approved by the District's geotechnical engineer, to be used if approved native material quantities are insufficient for required engineered fill placement.
 - a. Optional Soil Import shall be measured by cubic yardage of soil required to be imported and placed at the project site. Payment shall include, but not limited to, furnishing of approved soil material as defined in Section 02200 (Earthwork), and placement at the project site.
- 22. Coordination with other contractors working at the Site and its Subcontractors, coordination with local utility owners and the District, obtaining necessary permits and complying with permit and environmental conditions, project startup and testing, site restoration and cleanup.
- 23. Such other items or details not mentioned above, but required by the Drawings and Specifications, shall be performed, placed, constructed, removed, or installed in accordance with the Contract Documents.

F. Extra Work Allowances (Item 21):

- 1. All Extra Work Allowance is done at the discretion of the Project Engineer. Work deemed an Extra Work Allowance, shall not be executed unless approved via a

Contract Change Order issued by the Project Engineer and as specified in Section 01250 (Modification Procedures). Identify Allowance Items (Section 00400 Bid Form) work on the Progress Schedules and on Applications for Payment.

2. The Amount given on Document 00400 (Bid Form) under each Extra Work Allowance Item is the sum of money set aside for each Extra Work Allowance Item. These amounts shall be included in the Contract Sum on the Bid Form.
3. If the cost of work done under any Extra Work Allowance Item is less than the amount given on the Bid Form under that Extra Work Allowance Item, the Contract Sum shall be reduced by the difference between the amount given in the Bid Form and the cost of work actually done.

1.4 WORK UNDER OTHER CONTRACTS

No other work performed by Others will be occurring at the site.

1.5 WORK SEQUENCE

Sequence and schedule work as needed to complete all in-channel heavy equipment work, including demolition, grading, rock structures construction, hydroseeding, and installation of other erosion control measures, by **October 15, 2025**, as specified in Section 00800 (Supplementary Conditions – Division 0), or as directed by Project Engineer.

- A. Each Module shall be sequenced to be constructed and completed within the same construction season.
- B. Construct Work in stages and at times to accommodate District operation requirements during the construction period; coordinate construction schedule and operations with District and Project Engineer.
- C. Notice to Proceed will not be granted until all environmental permits are issued. Work in the active channel may not typically begin until June 1.
- D. In general, perform the Work in the following sequence, unless approved otherwise by Project Engineer:
 1. Mobilization, submittals, installation of coffer dams and/or temporary flow diversion.
 2. Perform, in general, the following sequentially for each module:
 - a. Clearing, grubbing, and demolition
 - b. Placement of erosion control fabric at toe (where required per plans)
 - c. Earthwork, rock slope protection and live staking (where required per plans), vegetated soil lifts (where required per plans), and native backfill placement
 - d. Hydroseeding and erosion control measures

See section 1.2-B(1) of this Section 01100 (Summary of Work) for installation specifics and sequencing related to each module.

- E. Live staking and harvesting sequence:
 - 1. Sequencing is described in detail in Section 02805 (Live Stakes).
- F. Planting sequence
 - 1. Planting will occur following completion of all work in this project. Planting plan is to be designed by Ecological Concerns, Inc. (ECI).
- G. Sequence and time the work at each site as needed to:
 - 1. Minimize overall site disturbance
 - 2. Allow for safe and efficient progress of the work
 - 3. Comply with all permits
 - 4. Complete within specified milestone dates and number of contract days
 - 5. Comply with any additional construction sequencing and constraints as indicated on the Drawings and as specified. Coordinate all items with the District.
- H. Comply with any additional construction sequencing and constraints as indicated on the Drawings and as specified. Coordinate all items with the District. Provide a minimum fourteen (14) day notification to Engineer prior to performing each item of work related to stream diversion and live stake harvest.

1.6 WORK DAYS AND HOURS

- A. Work Days and hours: Work shall be conducted only on Business Days as defined in Section 01420 (References and Definitions), Monday-Friday inclusive, 7:30 a.m. to 6:00 p.m. local time. Work at the Site on weekends or holidays is not permitted, unless Contractor requests otherwise from District and City in writing at least 48 hours in advance and District and City approves, in their sole discretion. In the case of Work by Contractor after normal working hours, Contractor shall be responsible for any additional inspection costs incurred by the District. Such costs may be withheld from any succeeding monthly progress payment.
- B. The following are holidays recognized by District and Alameda County:
 - a. New Year's Day, January 1;
 - b. Martin Luther King Jr.'s Birthday, third Monday in January;
 - c. Lincoln's Birthday, February 12;
 - d. Presidents' Day, third Monday in February;
 - e. Memorial Day, last Monday in May;
 - f. Juneteenth, June 19;
 - g. Independence Day, July 4;
 - h. Labor Day, first Monday in September;
 - i. Veterans' Day, November 11;

- j. Thanksgiving Day, as designated by the President;
- k. The Day following Thanksgiving Day;
- l. Christmas Day, December 25; and
- m. Each day appointed by the Governor of California and formally recognized by the Alameda County Board of Supervisors as a day of mourning, thanksgiving, or special observance.

1.7 COOPERATION OF CONTRACTOR AND COORDINATION WITH OTHER WORK

- A. Coordinate with District and any District forces, or other contractors and forces, as required by Document 00700 (General Conditions), Article 6.
- B. Constantly review Contract Documents, submittals, changes, and prepare overlay drawings as necessary to avoid conflicts, errors, omissions and untimely construction.
- C. The existing facilities must be kept in continuous operation throughout the construction period except for shutdown times previously agreed upon by District. Scheduling of shutdown times shall be coordinated with District by Contractor in strict accordance with Paragraph 1.7, Work Days and Hours and Section 01140 (Coordination and System Outage Request). Contractor will not be permitted to schedule shutdowns on Fridays.
- D. Connections to Existing Facilities. Unless otherwise specified or indicated, Contractor shall make all necessary connections to existing facilities, including structures, drain lines, and utilities such as water, sewer, gas, telephone, and electricity. In each case, Contractor shall receive permission from District or the owning utility prior to undertaking connections. Contractor shall protect facilities against deleterious substances and damage.

1.8 MAINTENANCE, PRODUCT HANDLING, AND PROTECTION

- A. Transport, deliver, handle, and store materials and equipment at the Site in such a manner as to prevent breakage, damage or intrusions of foreign matter or moisture, and otherwise to prevent damage.
- B. Hazardous substance compliance: Provide District with copies of the OSHA Material Safety Data Sheets (MSDS) for all products containing a hazardous substance, examples: Adhesives, paints, sealants, and the like.
- C. Packaging: Provide packaged material in manufacturer's original containers with unbroken seals and labels intact until incorporated into the Work.
- D. Remove all damaged or otherwise unsuitable material and equipment promptly from the Site.

- E. Protection: Contractor is responsible for protecting and securing all materials and equipment at site and staging area(s). Protect all finished surfaces.
- F. Asbestos Removal. If, during the progress of the Work, suspected asbestos-containing products are identified, Contractor shall stop work in the affected area and engage an asbestos removal Subcontractor to verify the materials and, if necessary, encapsulate, enclose, or remove and dispose of all asbestos in accordance with current regulations of the Environmental Protection Agency and the U. S. Department of Labor – Occupational Safety and Health Administration, the state asbestos regulating agency, and any local government agency. Payment for such work will be made by Change Order.

Asbestos Removal Subcontractor's Qualifications. The Subcontractor for asbestos removal shall be regularly engaged in this type of activity and shall be familiar with the regulations that govern this work. The Subcontractor shall demonstrate to the satisfaction of District that it has successfully completed at least three asbestos removal projects, which it has the necessary staff and equipment to perform the work, and that it has an approved site for disposal of the asbestos. Liability insurance covering the asbestos abatement work shall be provided as specified in the Supplementary Conditions.

Asbestos Removal Methods. The asbestos removal Subcontractor shall submit a work plan of its proposed removal procedure to District before beginning work and shall certify that the methods are in full compliance with the governing regulations. The work plan shall cover all aspects of the removal, including health and safety of employees and building occupants, hygiene facilities, employee certification, clearance criteria, transportation and disposal, enclosure techniques, and other techniques appropriate for the proposed work.

- G. Cost of maintenance of systems and equipment prior to Final Acceptance will be considered as included in prices bid and no direct or additional payment will be made therefor.

1.9 CONTRACTOR USE OF PREMISES

- A. Confine operations at Site to areas permitted by Contract Documents, permits, ordinances, and laws.
- B. Do not unreasonably encumber Site with materials or equipment.
- C. Assume full responsibility for protection and safekeeping of products stored on premises.
- D. Move any stored products that interfere with operations of District or other contractor.
- E. Parking, storage, staging, and work areas shall be coordinated with the District, and comply with all other Contract documents requirements.

1.10 LINES AND GRADES

- A. All Work shall be done to the lines, grades, and elevations indicated on the Drawings.
- B. District's Design Engineer shall provide basic horizontal and vertical control points to be used as datums for the Work. All additional survey, layout, and measurement work shall be performed by Contractor as a part of the Work.
- C. Contractor shall keep District informed, a reasonable time in advance, of the times and places at which it wishes to do Work, so that any checking deemed necessary by District may be done with minimum inconvenience to District and minimum delay to Contractor.
- D. Contractor shall remove and reconstruct Work which is improperly located.

1.11 PROTECTION OF EXISTING STRUCTURES AND UTILITIES

Contractor shall refer to Section 01715 (Protection of Existing Facilities and Properties).

1.12 DAMAGE TO EXISTING PROPERTY

Contractor shall refer to Section 01715 (Protection of Existing Facilities and Properties).

1.13 PARKING

Contractor shall provide and maintain suitable parking areas for the use of all construction workers and others performing work or furnishing services in connection with the Project, as required to avoid any need for parking personal vehicles where they may interfere with public traffic, District's operations, or construction activities.

1.14 LAYDOWN/STAGING AREA

Contractor shall utilize the area shown on the Drawing or designated by the Project Engineer for storage of all construction materials.

1.15 PERMITS

Contractor shall refer to Document 00700 (General Conditions), Document 00800 (Supplementary Conditions - Division 0), and Section 01800 (Supplementary Conditions – Division 1).

1.16 PUNCH LIST VERIFICATION

A punch list examination will be performed upon substantial completion of work. One follow up review of punch list items for each discipline will be provided. If further site visits are required to review punch list items due to incompleteness of the work by contractor, contractor shall reimburse District for these visits.

1.17 ACTUAL DAMAGES FOR VIOLATIONS

- A. In addition to damages which are impracticable or extremely difficult to determine, for which liquidated damages will be assessed as described in paragraph 15.5 of Document 00700 (General Conditions), District may incur actual damages, including fines imposed by any regulatory agency resulting from loss of use of any permit described in this Section 01100 (Summary of Work), or from use in violation of legal or regulatory requirements where the violations result from Contractor's activities. Continuous operation of District's active production and distribution facilities or sites in compliance with legal or regulatory requirements is essential to avoid violating applicable regulations or permits requirements. Violations or threatened violations may subject the District to fines and/or other costs or civil liabilities.
- B. Contractor shall be liable for and shall pay District the amount of any actual losses in addition to liquidated damages or other remedies provided by the Contract Documents.
- C. The amount of liquidated damages provided in paragraph 15.5 of Document 00700 (General Conditions) and Document 00800 (Supplementary Conditions – Division 0) is not intended to include, nor does the amount include, any damages incurred by District for reasons other than those listed in that paragraph. Any money due or to become due to Contractor may be retained by District to cover both the liquidated and the actual damages described above and, should such money not be sufficient to cover such damages, District shall have the right to recover the balance from Contractor or its sureties.

1.18 UNFAVORABLE CONSTRUCTION CONDITIONS

During unfavorable weather, wet ground, or other unsuitable construction conditions, Contractor shall confine its operations to Work which will not be affected adversely by such conditions. No portion of the Work shall be constructed under conditions which would affect adversely the quality or efficiency thereof, unless special means or precautions are taken by Contractor to perform the Work in a proper and satisfactory manner.

1.19 PROTECTION OF WATER QUALITY

Contractor shall ensure that the water quality of the District's water supply facilities located at the project sites are protected from contamination at all times during construction. Protective measures shall include, but not be limited to, securing covers on storage facilities and securing or removing containers for contaminants from the Site when Contractor's forces are not present and at the end of each workday.

1.20 WORK AT SITE

The project includes modifications of or additions to existing water supply facilities that serve the public. It is imperative that existing facilities continue to operate throughout the duration of contract Work. The Contractor shall carry out construction activities in a manner that does not disrupt facility operations at the Site.

Contractor shall schedule all construction activities that affect the operation of the facilities with District. The Contractor shall provide all labor, equipment, and materials required to maintain the operation on a temporary basis whenever usual facility activities must be interrupted by work on this project. Any temporary operating arrangement shall be scheduled with and approved by the District. The Contractor shall be responsible for any and all costs, including attorneys' fees, incurred as a result of any violation or threatened violation of any permit requirements where the violation or threatened violation arises out of or in connection with Contractor's construction activities. This remedy is in addition to any other remedy existing under this contract.

Contractor is referred to paragraph 1.17 of this Section 01100 (Summary of Work) for information about actual damages.

1.21 CONSTRUCTION SITE ACCESS

Contractor shall at all times limit access to the Site to necessary personnel only. All personnel associated with construction of the Project shall enter the Site through access points on Dublin Blvd, Amador Vallery Blvd, or Dougherty Rd, at the locations indicated on the Drawings. Access for construction personnel shall be limited to 7:00 a.m. to 7:00 p.m. local time. All mail and deliveries (Federal Express, equipment, etc.) shall be sent to a separate address specifically arranged by Contractor for the Project.

Contractor shall provide flaggers to direct pedestrian/cycling traffic around staging area and construction truck(s) ingress/egress off of/onto Dougherty Road.

Contractor shall make trail access available after-hours, between 6:00 p.m. to 7:00 a.m. to accommodate recreational use, to the best of their ability. Contractor responsible for all necessary fencing required to protect and secure site after-hours.

1.22 SITE ADMINISTRATION

Contractor shall be responsible for all areas of the Site used by it and by all Subcontractors in the performance of the Work. Contractor shall exert full control over the actions of all employees and other persons with respect to the use and preservation of property and existing facilities, except such controls as may be specifically reserved to District or others. Contractor shall have the right to exclude from the Site all persons who have no purpose related to the Work or its inspection, and may require all persons on the Site (except District's employees) to observe the same regulations as Contractor requires of its employees.

PART 2 PRODUCTS

PRODUCTS ORDERED IN ADVANCE – NOT USED

DISTRICT-FURNISHED PRODUCTS – NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION

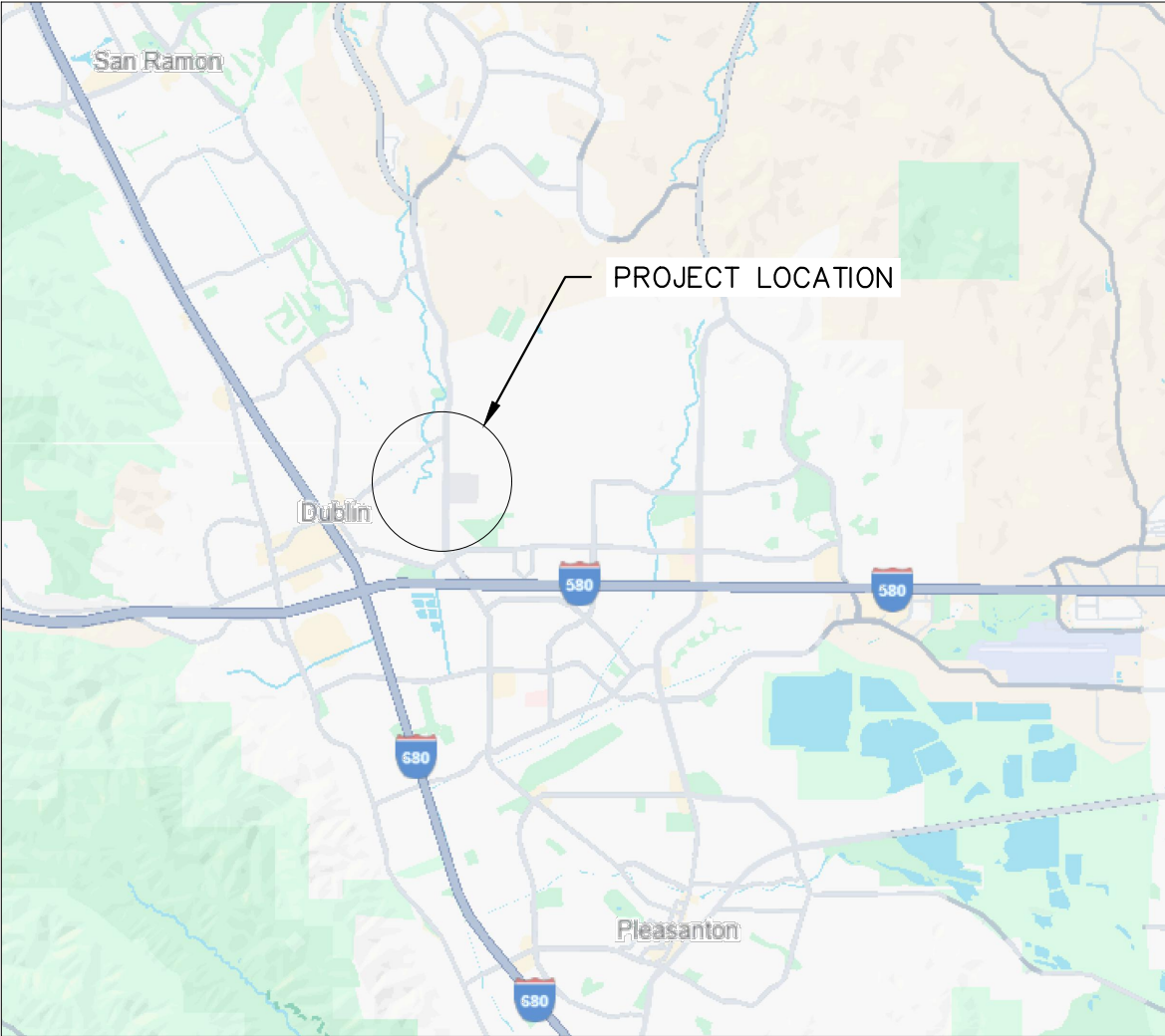
ZONE 7 WATER AGENCY
ALAMO CREEK BANK STABILIZATION AND
FLOOD MANAGEMENT PILOT PROJECT
PROJECT NO. 306-24

OWNER:
ZONE 7 WATER AGENCY
100 N. CANTONS PKWY
LIVERMORE, CA 94551
PHONE: (925) 454-5075
CONTACT: JEFF TANG
EMAIL: JTANG@ZONE7WATER.COM

ZONE 7 WATER AGENCY
IMPROVEMENT PLANS REVIEWED BY:

JEFF TANG, ASSOCIATE CIVIL ENGINEER
FLOOD PROTECTION ENGINEERING
05/01/2025
DATE

EDWARD REYES, PRINCIPAL ENGINEER
FLOOD PROTECTION ENGINEERING
05/01/2025
DATE



SHEET LIST

- G1B TITLE SHEET
- G2 GENERAL NOTES
- G3 PROJECT OVERVIEW
- C1 MODULE OVERVIEW
- C2 ACCESS AND STAGING
- C3B DEMOLITION PLAN
- C4 GRADING KEYMAP
- C5 GRADING PLAN AND PROFILE
- C6 GRADING PLAN - MODULE 1
- C7 CROSS-SECTIONS - MODULE 1
- C8 GRADING PLAN - MODULE 2
- C9 CROSS-SECTIONS - MODULE 2
- C10 GRADING PLAN - MODULE 3
- C11 CROSS-SECTIONS - MODULE 3
- C12 GRADING PLAN - MODULE 2A
- C13B GRADING PLAN - MODULE 4 AND MODULE 5
- C14 CROSS-SECTIONS - MODULE 4 AND MODULE 5
- C15 GRADING PLAN - MODULES 2B AND 2C
- C16 CROSS-SECTIONS - MODULES 2B AND 2C
- C17 DETAILS - VEGETATED ROCK SLOPE PROTECTION
- C18 DETAILS - VEGETATED SOIL LIFT COURSES IN BANK SLOPE
- C19 DETAILS - EROSION CONTROL FABRIC, ROCK VANE/SCOUR POOL, TRAIL REPAIR, OUTFALL PROTECTION
- L1 PLANTING PLAN

UNDERGROUND SERVICE ALERT

CALL 811 UNDERGROUND SERVICE ALERT TO LOCATE EXISTING UTILITIES
PRIOR TO CONSTRUCTION.



LOCATION MAP

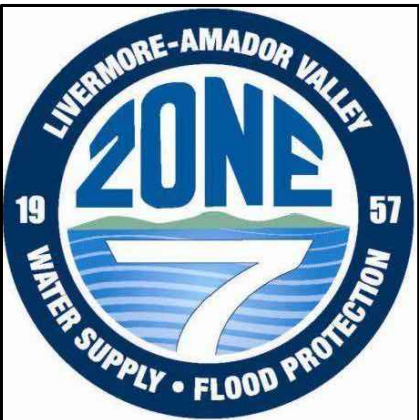
SCALE: 1" = 300'
0' 150' 300' 600'

REVISION NO.	DATE	DESCRIPTION
1	04/28/2025	AMENDMENT 2: UPDATED SHEET NUMBERING



PO BOX 29392
OAKLAND, CA 94604
510.842.0538

PREPARED FOR:



TITLE SHEET

ALAMO CREEK BANK STABILIZATION
AND FLOOD MANAGEMENT
PILOT PROJECT

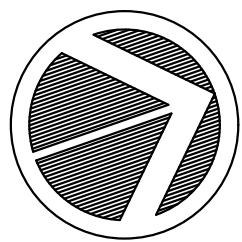
BID SET

DRAWN BY: MR. AJ
CHECKED BY: PF
SHEET 1 OF 23

DATE: 03/25/25
SHEET NO. G1B



- NOTES:
- 1. PROTECT ALL EXISTING IMPROVEMENTS AND VEGETATION NOT SLATED FOR DEMOLITION. PLACE TEMPORARY FENCING, FLAGGING OR EQUIVALENT AT THE PERIMETER OF ALL VEGETATED AREAS AND/OR INDIVIDUAL TREES TO BE PRESERVED, AND ANY OTHER IMPROVEMENTS ONSITE.
 - 2. SALVAGE AND STOCKPILE 10CY MINIMUM OF EXISTING RSP TO BE USED IN OUTFALL PROTECTION FOR EXISTING STORM PIPE IN MODULES 3 AND 5. SEE SHEET C10 AND C13 FOR LOCATIONS AND DETAIL 4 ON SHEET C19.



DEMOLITION PLAN

SCALE: 1" = 90'

0 45' 90' 180'

LEGEND

EX TREE TO REMAIN

EX TREE TO BE REMOVED

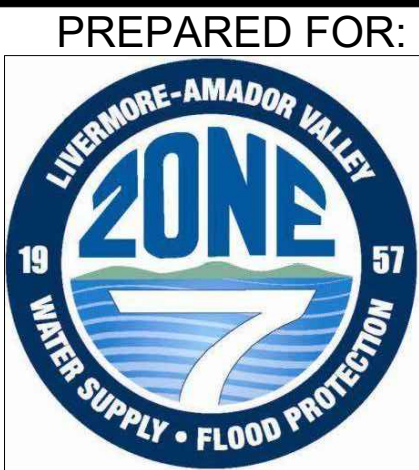
REMOVE EX DEBRIS AND VEGETATION

REVISION NO.	DATE	DESCRIPTION
1	04/22/2025	AMENDMENT 2: ADDED PROTECT IN PLACE INSTRUCTIONS FOR TREE



FlowWest

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OAKLAND, CA 94604
510.842.0538



DEMOLITION PLAN

ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT

BID SET

DRAWN BY: MR. AJ

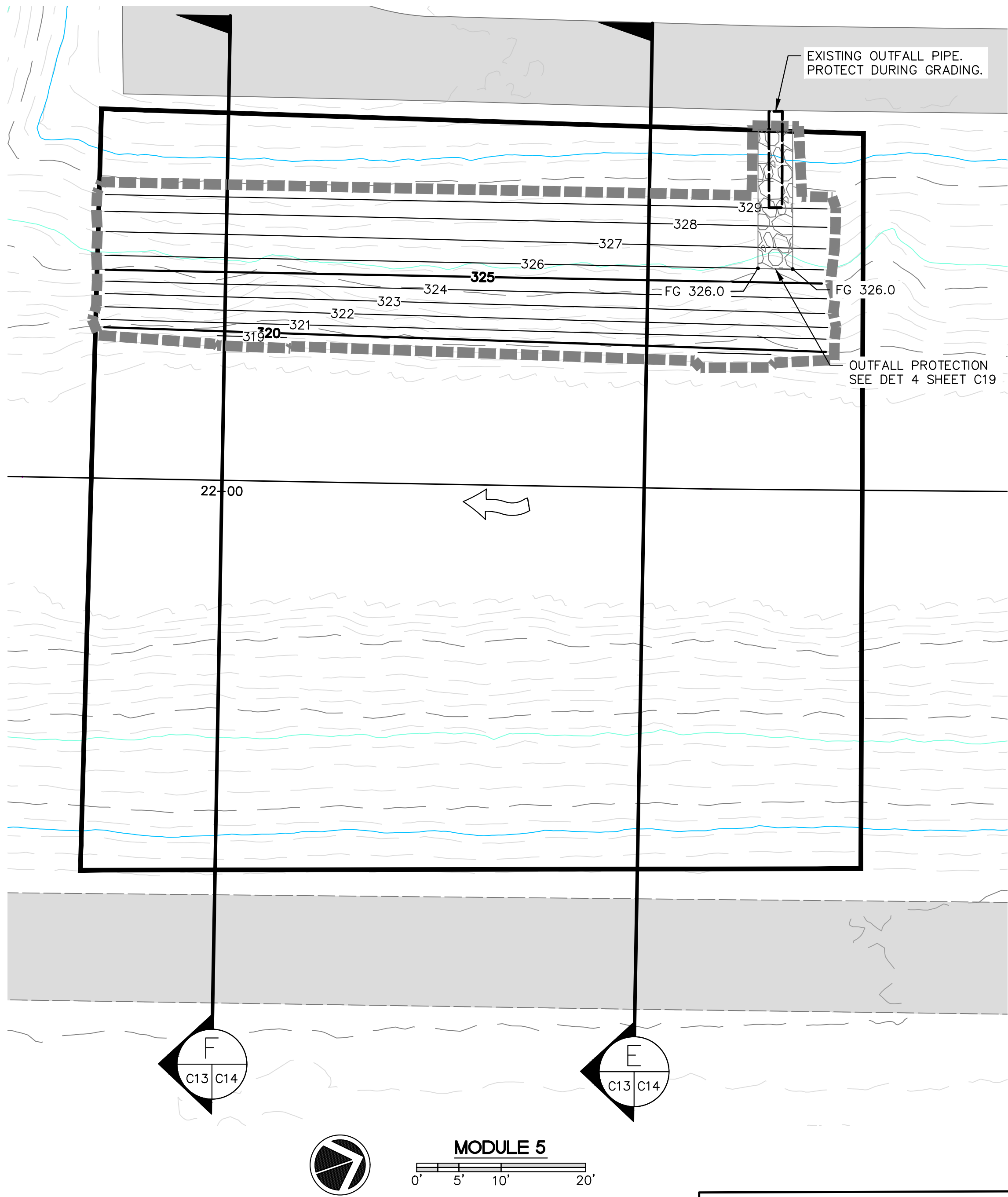
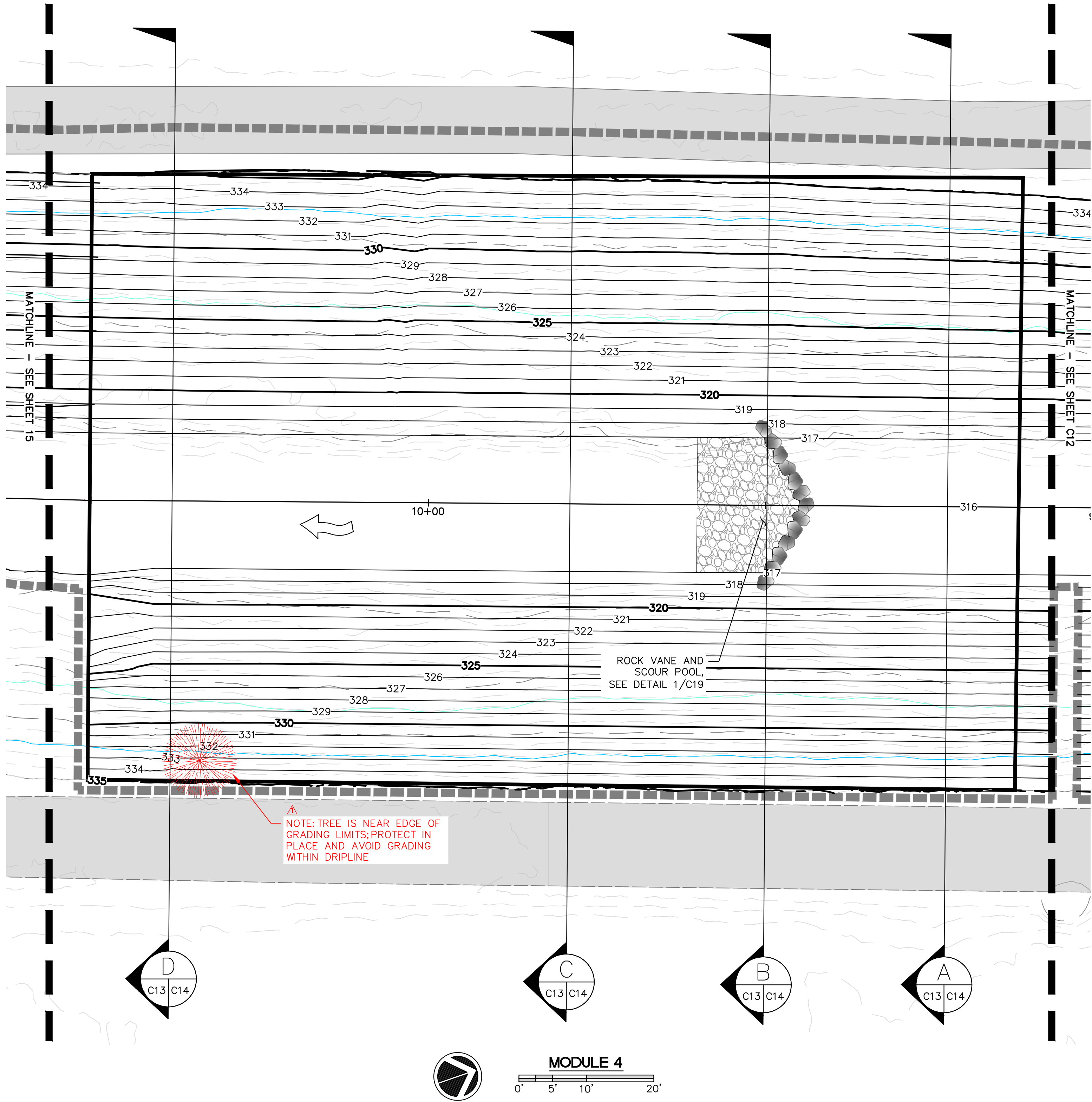
CHECKED BY: PF

DATE: 03/25/25

SHEET 6 OF 23

SHEET NO. C3B

Y:\Shared\Active Projects\02-04 Alamo_Creek\CAD\DWG\90PCT\C1-GRADING_PLAN.dwg

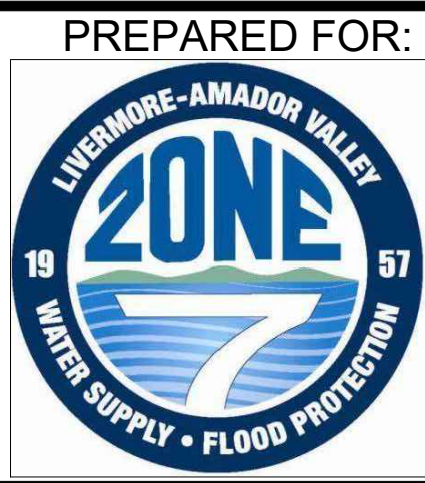


LEGEND		
FG MAJOR CONTOUR	100	
FG MINOR CONTOUR	101	
EG MAJOR CONTOUR	100	
EG MINOR CONTOUR	101	
PROPOSED GRADE	X:1	
MODULE BOUNDARY		
LIMIT OF GRADING		
EXISTING TRAIL		
EXISTING ROAD		
EXISTING 10 YEAR WSE		
EXISTING 100 YEAR WSE		

REVISION NO.	DATE	DESCRIPTION
1	04/22/2025	AMENDMENT 2: ADDED TREE AND PROTECT IN PLACE INSTRUCTIONS



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PO BOX 29392
OAKLAND, CA 94604
510.842.0538



GRADING PLAN - MODULE 4 AND MODULE 5
ALAMO CREEK BANK STABILIZATION
AND FLOOD MANAGEMENT
PILOT PROJECT

KEYMAP		
BID SET		
DRAWN BY: MR. AJ	SHEET	16 OF 23
CHECKED BY: PF	SHEET NO. C13B	
DATE: 03/25/25		

APPENDIX A
ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT
PROJECT QUESTIONS AND ANSWERS

No.	QUESTIONS	ANSWERS
1	<i>Should the Contractor bid a full-length, continuous bypass system or segmented system up to a certain linear footage requirement set by the regulatory agencies?</i>	Contractor is responsible for preparing the temporary diversion and dewatering plan. The plan should address how the Contractor intends to implement and sequence construction of the various modules. Regulators have not made specific comments regarding requirements for dewatering.
2	<i>Is there a specific sequence that the modules should be constructed?</i>	Contractor shall determine the sequencing necessary to perform the work efficiently and successfully.
3	<i>Is there a Project Labor Agreement (PLA) for this project?</i>	No, there is no PLA agreement (PLA) associated with this project. Standard public works requirements, including compliance with prevailing wage laws, still apply. Contractor will be responsible for providing Zone 7, on demand, any necessary prevailing wage documentation.
4	<i>Is this project a Disadvantaged Business Enterprise (DBE) project?</i>	No, this project is not subject to DBE requirement. There is no DBE goal associated with this contract.
5	<i>Are there any issues or concerns with staging operations above the Kinder Morgan petroleum pipeline (marker was identified during the pre-bid meeting in the field)?</i>	Zone 7 has reached out to both the County of Alameda (property owner) and Kinder Morgan (easement holder) to inquire whether there are any restrictions for staging over the existing pipeline right-of-way. County is not aware of any restrictions. Kinder Morgan's Real Estate section has indicated that there is likely no concern staging on the property, however, it would have to be evaluated by their Encroachment section. Kinder Morgan's Encroachment section has not responded, yet.
6	<i>Is the Asphalt trail to be protected in place?</i>	Yes, the trail should be protected in place as shown on the plans. The contractor is responsible for ensuring the trail remains protected throughout construction. Any damage resulting from construction activities shall be repaired by the contractor in accordance with Zone 7 Standards Detail SF-210 (see Plans, Sheet C19) and/or East Bay Regional Park District (EBRPD) standards provided as an Exhibit in Section 01800, or as directed by the Project Engineer. Repair, at a minimum, may include slurry seal, or saw-cutting out damaged section and replacing with AB. The Iron Horse Trail right-of-way is owned by County of Alameda, and trail shall be repaired to EBPRD's standard, utilizing asphalt concrete.
7	<i>Is work on the weekends an option for the Contractors?</i>	All work shall comply with the Project Manual and City of Dublin's ordinances regarding allowable work days and hours. Any work proposed outside of the regular hours specified in the contract documents must receive prior approval from both Zone 7 and the City.

APPENDIX A
ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT
PROJECT QUESTIONS AND ANSWERS

No.	QUESTIONS	ANSWERS
8	<i>Should we assume all native soil will be off hauled from the site and replaced with engineered fill?</i>	<p>Zone 7's geotechnical engineer has indicated that the onsite soil is generally suitable for reuse as fill, but Zone 7 does not guarantee that all excavated material will be acceptable for reuse. Please refer to Exhibit 5 in Section 01800 - Basis of Design for the Geotechnical Report.</p> <p>Some other items to consider:</p> <ul style="list-style-type: none"> • Fill should not contain deleterious material (debris, etc.). • Engineered fill should not contain rocks or lumps larger than 4 inches in greatest dimension and contain no more than 15 percent larger than 2.5 inches. • In order to achieve satisfactory compaction of the subgrade and fill materials, it may be necessary to adjust the water content at the time of construction. This may require that water be added to soil that is too dry, or that aeration be performed in any soil that is too wet. So even if the composition of the soil is suitable, if it is overly dry or wet and there is no space on site to do moisture conditioning (drying it or adding water, as appropriate), it may need to be offhauled. <p>The contractor's bid should include unit prices for both native soil backfill and optional engineered fill import. The suitability of the material will not be determined until excavation is complete and reviewed by Zone 7's geotechnical engineer. Therefore, the contractor should include a bid amount for excavation to cover potential material issues and off haul.</p>
9	<i>Can native soil be tested for suitability prior to the project (before bids are due for more accurate pricing)?</i>	Zone 7's geotechnical engineer has indicated that the onsite soil is generally suitable for reuse as fill. Please refer to Exhibit 5 in Section 01800 - Basis of Design for the Geotechnical Report.
10	<i>Is the bottom of the channel earthen soil?</i>	Yes, it is an earthen bottom.
11	<i>Will Zone 7 provide vibration monitoring ?</i>	Zone 7 will provide vibration monitoring through its Construction Management support, along the right bank (looking downstream) adjacent to the residential development.
12	<i>Is there a max level of noise (dB)?</i>	Refer to City of Dublin's Municipal Code Chapter 5.28 - Noise.
13	<i>Can water from channel be used for construction?</i>	No. Waters from the channel are considered "waters of the US and State" and cannot be utilized for construction, as it is not permitted.
14	<i>Is grading of the channel bed required?</i>	Other than where the rock vane crossings are, there is no requirement to grade the channel bed. Contractor to remove sediment from the toe.
15	<i>Who will be responsible for construction-phase surveying?</i>	Contractor is responsible for all surveying required for construction. Zone 7 will be conducting LiDAR surveys before, during, and after construction, to determine overall site changes.
16	<i>How will the Kinder Morgan pipeline at the staging location affect the staging use?</i>	Zone 7 has reached out to Kinder Morgan to inquire whether there are any restrictions for staging over the existing pipeline right-of-way. Zone 7 will provide an update once we have more information.
17	<i>Who will be testing excavated soils on site for project reuse?</i>	Zone 7's geotechnical engineer will make the determination as to whether the excavated material can be reused or will require mixing with imported fill to create an engineered fill.
18	<i>Are Erosion control needed for the project?</i>	Contractor to follow Best Management Practices as specified in Specifications.
19	<i>General note: There was some confusion on the allowed Haul Route for both the left and right operational roads for ingress and egress for specific equipment. Can contractors exit off Maple Drive?</i>	Access to right bank is from Amador Valley Boulevard; other than a pickup truck, there is no ingress/access from Maple Drive. Access to the left bank is from Dublin Boulevard or Dougherty Road. Egress is not allowed onto Dublin Boulevard. Please refer to the Project Plans for proposed haul routes.

APPENDIX A
ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT
PROJECT QUESTIONS AND ANSWERS

No.	QUESTIONS	ANSWERS
20	<i>Which trail areas will be open to the public and will the trail along the modules be open to the public for through access?</i>	Please refer to the proposed detour/signage layout in Exhibit Ds under Section 01800
21	<i>Can Equipment cross the channel to reach the other side of the banks?</i>	Yes, equipment will be allowed to cross the fully dewatered channel. We are proposing a temporary access ramp to facilitate this, constructed within a dewatered section of the creek. The ramp would be built using a mix of rock and soil materials, with a total volume not exceeding 175 cubic yards. While dimensions may vary depending on field conditions, the ramp would be no longer than 50 feet and no wider than 15 feet at the top, with side slopes extending the bottom width as needed. This crossing is intended to enable safe and efficient equipment access during construction. Following construction, the ramp will be fully removed, and the channel will be restored to either pre-project conditions or to design conditions, where applicable.
22	<i>Is the tree at the module 4 the only tree to be protected for the project?</i>	Tree identified in Module 4 should be protected and not removed. See Addendum 2.
23	<i>Can any of the removed willows from the project be reused?</i>	Willow harvesting from the project site may be possible, provided they meet the Specifications and biologist approval.
24	<i>Can the contractor be provided locations for willow salvage?</i>	Zone 7 has several potential areas for willow harvesting, however, it is the Contractor's responsibility to provide the willows, if the Zone 7 areas are determined not suitable and do not meet the Specifications.
25	<i>Kinder Morgan has a pipeline adjacent to our access and staging. Are there any protection measures contractor should consider?</i>	Zone 7 has reached out to both the County of Alameda (property owner) and Kinder Morgan (easement holder) to inquire whether there are any restrictions for staging over the existing pipeline right-of-way. County is not aware of any restrictions. Kinder Morgan's Real Estate section has indicated that there is likely no concern staging on the property, however, it would have to be evaluated by their Encroachment section. Kinder Morgan's Encroachment section has not responded, yet.
26	<i>Does the water agency have a dump site for spoils?</i>	No. The Contractor is responsible for disposal of all spoils. Zone 7 may allow certain salvaged rock to be off-hauled to our Chain of Lakes staging area, depending on quality of the material removed.
27	<i>Is the contractor required test water quality during bypass pumping?</i>	No water quality testing is required with the permits received so far, as it is just a bypass, using approved pipes.
28	<i>Plans call for hydroseeding under erosion control blanket. Can hand broadcast seeding be an alternate method?</i>	No. Contractor must hydroseed before erosion control blanket is applied.
29	<i>If the asphalt is damaged what is the pavement section that shall be replaced?</i>	Zone 7 owns the right-of-way adjacent to the project site. Depending on the degree of damage, which will be determined from pre- and post- LiDAR surveys, the asphalt trail may require, at a minimum, slurry seal or may require sections of the trail to be cut out and replaced with AB, per Zone 7 Standard Detail SF-210 (see Plans, Sheet C19). Along the Iron Horse Trail between the Staging Area and Dougherty Road, the property belongs to County of Alameda, and trail repairs will be, at a minimum, slurry seal or may require sections of the trail to be cut out and replaced per East Bay Regional Park District's (EBRPD) specifications found in Section 01800 - Supplementary, Exhibit E.
30	<i>If the asphalt is damaged will the contractor be allowed to grind and repave or will new base rock and asphalt need to be placed.</i>	Please review EBRPD's specifications in Section 01800 - Supplementary, Exhibit E.
31	<i>There have been projects in the same area in the pass that have had the same or similar import of rock and equipment use. On those projects did the contractor have to repave the roadway that was used? If so, what was the percentage of area that was required to be repaved?</i>	On previous projects, Zone 7 had agreed with EBRPD to restore the asphalt trails, which including sawcutting out bad portions and restoring to EBRPD's specifications. For the Alamo Creek project, the amount of repaving will be determined as discussed in the response to Question 29.

APPENDIX A
ALAMO CREEK BANK STABILIZATION AND FLOOD MANAGEMENT PILOT PROJECT
PROJECT QUESTIONS AND ANSWERS

No.	QUESTIONS	ANSWERS
32	<i>Is there a possibility that the contractor fully protects the asphalt and still is required to repave?</i>	It will depend on the pre- and post-project LiDAR surveys, to determine the amount of impacts the trail has sustained from the project.
33	<i>Does the owner have all of the permits.</i>	Zone 7 does not have all the permits yet. Environmental permits are still pending approval. Zone 7 currently anticipates receiving permits by late July to early August timeframe but time frame is not guaranteed. A Notice to Proceed cannot be issued until they are in-hand.
34	<i>If the permits are not obtained by June 15th, Will the contractor be allowed more time to perform the work in the channel? If the contractor is not allowed more time in the 2025 season, can the contractor finish the work in the 2026 work window?</i>	<p>The typical construction period within the creeks are June 1 - October 15. Depending on the weather and approval from CA Fish and Wildlife, an extension of the construction season may be allowed. Environmental permits are still pending approval. Zone 7 currently anticipates receiving permits by July and issue the NTP, but time frame is not guaranteed.</p> <p>If NTP is issued after July 15, 2025, contractor may elect to defer mobilization and commencement of work to June 2026 and be entitled to payment for Deferred Mobilization. If contractor elects to complete work in 2025, all in-channel work must be completed by Oct. 15, 2025. See Documents 00400B, 0800B, 01100B of Addendum 2.</p>
35	<i>Will the owner compensate the contractor for a second mobilization if there isn't enough available time in the first season to complete the project due to permit delays?</i>	Contractor should only mobilize if substantial complete (in-channel work) can be completed by Oct. 15. If in-channel work cannot be completed by Oct. 15, Contractor will be allowed to construct during the 2026 season and a Deferred Mobilization payment will be applied.
36	<i>Is the measurement for payment for items that will be placed on the slope such as geographic and hydroseeding for measured on the slope angle total sf or the plan view amount without a slope factor?</i>	The measurement for payment for items that will be placed on a slope considers the slope angle.
37	<i>How is the contractor supposed to split up the temporary water diversion costs between two items?</i>	There are five (5) DWR Grant funded Modules and there are three (3) storm repair Modules. Of the eight (8), only Module 5, does not realistically require a temporary water diversion, due to the lack of requiring to construct a rock slope protected toe. Costs between the different funded Modules should be split based on the ratio of the seven (7) Modules requiring dewatering for the Project.
38	<i>If one of the areas gets eliminated will the contractor be able to charge the client for 100% of the temporary water diversion or should the contractor look at these two bid items as separate systems?</i>	Contractor should base their bid for water diversion on the overall needs of the project. If a Module is removed, and water diversion is still required to complete the remaining work, the bid would be honored.
39	<i>Since there are two separate areas that are designated for construction that have different funding sources, will the payment terms be different or the same for each area?</i>	The payment terms are the same. The work must be completed before payment can be made. The work just needs to be invoiced separately, as indicated in Document 00400 - Bid Form.
40	<i>What is the daily average flow for the channel during the months of the project.</i>	The mean flow during construction in CFS is shown below: June - 1.8 cfs July - 1.6 cfs August - 1.3 cfs September - 1.2 cfs October - 4.7 cfs
41	<i>Sizing a Dewatering system for 25 CFS vs the ability to transfer the base flow may require two different dewatering systems. Can the contractor propose the use of multiple systems to meet the project requirements, or will the contractor need to have the base flow and 25 CFS flow go through the same system?</i>	It is the Contractor's responsibility to provide a diversion and dewatering system plan for an estimated design flow of 25 cfs for the Project. Whether that is two systems is up to the Contractor to decide.