



Ann M. Stillman
Interim Director

County Government Center
555 County Center, 5th Floor
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February 8, 2022

COUNTY OF SAN MATEO

MIDCOAST MULTI-MODAL TRAIL IMPROVEMENTS PROJECT

**TOTAL PROJECT APPROXIMATELY 0.85 MILE IN LENGTH
WITH APPURTENANT WORK THERETO
IN SAN MATEO COUNTY**

**COUNTY PROJECT NO. P29F1
PROJECT FILE NO. E4952**

ADDENDUM NO. 2

TO ALL PLAN HOLDERS:

The following **Addendum No. 2** to the above referenced project, dated December 23, 2021, shall be included in the project plans and specifications.

1. The bid opening date has been moved to February 17, 2022. Pages 1 and 2 of the NC (Notice to Contractor) Section shall be replaced in the Project Specifications:

Replace pages 1 and 2 of the NC Section with pages 1 (rev) and 2 (rev).

2. Quantities for bid items #51 and #52 have be revised. Page 6 of the NC (Notice to Contractor) Section and page 7 of the PR (Proposal) Section shall be replaced in the Project Specifications:

**Replace page 6 of the NC Section with page 6 (rev).
Replace page 7 of the PR Section with page 7 (rev).**

3. The ten (10) working days requirement to submit supplier documentation has been removed in Section 45-2.01B of the Special Provisions. Page 119 of the SP (Special Provisions) Section shall be replaced in the Project Specifications:

Replace page 119 of the SP Section with page 119 (rev).



To All Plan Holders
Midcoast Multi-Modal Trail Improvements Project
Addendum No. 2
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4. Submittal verification process has been clarified in Section 45-2.01B of the Special Provisions. Page 120 of the SP (Special Provisions) Section shall be replaced in the Project Specifications:

Replace page 120 of the SP Section with page 120 (rev).

5. Fracture Critical Endorsement has been removed in Section 45-2.06B of the Special Provisions. Page 130 of the SP (Special Provisions) Section shall be replaced in the Project Specifications:

Replace page 130 of the SP Section with page 130 (rev).

Please sign and return the attached "Receipt of Addendum No. 2" form. The "Receipt of Addendum No. 2" form MUST be received in this office no later than 4:00 PM, Wednesday, February 16, 2022 or the bid will NOT be considered. The Receipt of Addendum can be emailed to Krzysztof Lisaj attention email at klisaj@smcgov.org.

If you have any questions or require additional information, please contact Alex Zhang, Wency Ng, or Krzysztof Lisaj of our office at (650) 363-4100. They can also be reached by e-mail at:

azhang@smcgov.org
wng@smcgov.org
klisaj@smcgov.org

Very truly yours,



Ann M. Stillman
Interim Director of Public Works

AMS:KL:WN:AZ

\\dpw.sanmateocounty.ads\data\Users\design\C3D\E4952000_MMT\02_Bidding\02d_Addendums\Addendum No.1.doc

Encl.- "Receipt of Addendum No. 2" Form

Revised Page 1 (rev), Page 2 (rev), and Page 6 (rev) of the NC Section
Revised Page 119 (rev), Page 120 (rev), and Page 130 (rev) of the SP Section
Revised Page 7 (rev) of the PR Section

cc: Krzysztof Lisaj, Principal Civil Engineer, Engineering and Construction
Wency Ng, Senior Civil Engineer, Project Development and Design
Alex Zhang, Associate Civil Engineer, Project Development and Design



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February 8, 2022

COUNTY OF SAN MATEO

MIDCOAST MULTI-MODAL TRAIL IMPROVEMENTS PROJECT

COUNTY PROJECT NO. P29F1

PROJECT FILE NO. E4952

RECEIPT OF ADDENDUM NO. 2

I, _____, an
authorized representative for _____,
have received **Addendum No. 2** for the Midcoast Multi-Modal Trail Improvements
Project from an authorized representative of the County of San Mateo, which is to be
included in the Specifications for the above referenced project.

This form must be signed and received in the offices of the County of San Mateo,
Department of Public Works ***no later than 4:00 P.M., Wednesday, February 16, 2022.***

“Contractor”

(Print)

(Signature)

(Date)



**COUNTY OF SAN MATEO
STATE OF CALIFORNIA**

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN, that

Sealed bids will be received **either by mail** to the office of the County Manager/Clerk of the Board of Supervisors, **or hand-delivered within one hour prior to the bid opening to the main public entrance** of the Hall of Justice and Records, 400 County Center (formerly 401 Marshall Street), Redwood City, California, 94063 until the hour of

2:30 p.m., Thursday, February 17~~th~~, 2022

which **all bids (mailed in or hand-delivered)** will then be transmitted to the **main public entrance** of the Hall of Justice and Records **at 400 County Center, Redwood City**, where the bids will be publicly opened and read aloud for the following project in accordance with the specifications therefore and to which special reference is made as follows:

MIDCOAST MULTI-MODAL TRAIL IMPROVEMENTS PROJECT

**TOTAL PROJECT APPROXIMATELY 0.85 MILES IN LENGTH
WITH APPURTENANT WORK THERETO
IN SAN MATEO COUNTY**

**COUNTY PROJECT NO. P29F1
PROJECT FILE NO. E4952**

Bids are required for the entire work described herein.

Bidders are further advised of the following:

- (1) **Contractor should be placed on a Plan Holders List for bidding. To be placed on the Plan Holders List, the Contractor shall either:**
 - a. **Purchase Plans and Specifications, including forms of proposal and contract, from the County of San Mateo Department of Public Works. When purchasing by phone (650-363-4100) or email (pw-surveying@smcgov.org), please send check payable to "County of San Mateo" to 555 County Center, 5th Floor, Redwood City, CA 94063; OR**
 - b. **Complete and sign the following Plan Holder's Affidavit by using the**

link below to receive a link to download an electronic copy of the plans and specifications. The Contractor is advised that the form should be received by the County no later than three (3) working days prior to the bid opening date.

<https://publicworks.smcgov.org/MMTPlanHoldersAffidavitForm>

- c. If Plans and Specifications are obtained through a source other than those outlined in 1a and 1b, complete the below Plan Holder’s Affidavit and return to the County by PDF either via email to azhang@smcgov.org or by fax at (650) 361-8220. The Contractor is advised that the form should be received by the County no later than three (3) working days prior to the bid opening date.

Plan Holder’s Affidavit	
Project Title	<u>Midcoast Multi-Modal Trail Improvements Project</u>
Project No.	<u>P29F1</u>
Project Engineer:	<u>Alex Zhang</u>
Project Manager:	<u>Wency Ng</u>
Bid Open Date and Time:	<u>2:30 p.m., Thursday, February 17th, 2022</u>
Company Name:	_____
Mailing Address:	_____
Phone Number:	_____
Fax Number:	_____
E-mail Address:	_____
(Name and Title of Authorized Representative of Bidder)	
(Signature of Authorized Representative of Bidder)	

- (2) The Plan Holders List will be posted to the County of San Mateo’s Public Works website two (2) working days prior to the bid open date.
- (3) Questions regarding the Contract Documents concerning items such as discrepancies, conflicts, omissions, doubts as to meanings, or regarding scope of bid items shall be referred to the Engineer. Inquiries must be received in writing via email, to azhang@smcgov.org, not less than five (5) working days prior to bid opening. Inquiries will be answered in writing via email response if written clarification is warranted, in the opinion of the

MIDCOAST MULTI-MODAL TRAIL IMPROVEMENTS, Engineer's Estimate - Continued from Previous Page

Item No.	Section No.	Bid Item Code	Estimated Quantity	Unit of Measure	Item Description
40	49		1,193	LF	Steel Soldier Pile
41	49	490400	952	LF	24" Drilled Hole
42	49	495124	180	LF	Furnish 30" Cast-In-Steel-Shell Concrete Piling
43	49	495125	4	EA	Drive 30" Cast-In-Steel-Shell Concrete Pile
44	51	510072	310	CY	Structure Concrete, Barrier Slab
45	51	510072	960	SF	Structure Concrete, Bridge Deck
46	51-1	511119	1,790	SF	Concrete (Medians, Crossings, School Path)
47	51-1	731504	97	LF	Curb and Gutter
48	51-1	731501	730	LF	Vertical Curb
49	51-2	731623	1	EA	Curb Ramp (Case G)
50	51-3	731656	430	SF	Detectable Warning Surface
51	52	520101	26,630 36,421	LB	Bar Reinforcing Steel (ST-70 Barrier Rail)
52	52	520102	9,360 10,465	LB	Bar Reinforcing Steel (Bridge)
53	57	575004	2,348	SF	Timber Lagging
54	59	590120	1	LS	Clean and Paint Steel Soldier Piling
55	64	650010	149	LF	12" Storm Drain PVC Culvert with Flared End Section
56	65	650014	40	LF	18" Storm Drain Reinforced Concrete Pipe
57	70-1		1	EA	Remove and Replace Storm Drain Catch Basin
58	70-2	707050	1	EA	Install New Storm Drain Catch Basin (Type G2)
59	72	721015A	6	CY	Rock Slope Protection
60	80	800300	116	LF	Chain Link Fence
61	81-1		33	EA	Channelizers

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SECTION 45. PREFABRICATED MODULAR STEEL TRUSS BRIDGE

This section shall be used in lieu of Section 45 "General" of the Standard Specifications. Replace Section 45-2 with: 45-2 Prefabricated Modular Steel Truss Bridge.

45-2.01 GENERAL

45-2.01A Summary

Section 45-2 includes specifications for a prefabricated modular steel truss bridge.

45-2.01B Qualified Suppliers

Pre-approved manufacturers:

The contractor must provide the following documentation, for any proposed supplier, ~~within ten (10) working days from bid opening:~~

1. Product Literature
2. All documentation to ensure the proposed manufacturer will be in compliance with these specifications. This must include:
 - a. Representative design calculations
 - b. Representative drawings
 - c. Splicing and erection procedures
 - d. Warranty information
 - e. Inspection and maintenance procedure
 - f. AISC Shop Certification
 - g. AWS Certified Fabricator Certification
 - h. Welder Qualifications
 - i. Evidence of Certified Weld Inspectors (CWI's) on staff
3. Proposed suppliers must have at least ten (10) years of experience designing and fabricating these types of structures and a minimum of ten (10) successful bridge projects, of similar construction, each of which has been in service at least seven (7) years. List the location, bridge size, owner, and a contact for reference for each project.

4. The engineer will evaluate and verify the accuracy of the submittal ~~prior to bid~~. If the engineer determines that the qualifying criteria have not been met, the contractor's proposed supplier must be rejected. The engineer's ruling must be final.
5. The manufacturer's representative is to be in attendance at the project pre-bid and/or pre-construction meeting.

45-2.01C Submittals

45-2.01C(1) General

The manufacturer of the bridge must submit a certificate of compliance certifying the components and fabrication of the bridge comply with the Contract.

45-2.01C(2) Shop Drawings

Submit shop drawings with the design calculations for the bridge to the Engineer. Allow 21 days for the Engineer's review. Submit electronic copies of the shop drawings and design calculations for the initial review. After review, submit copies to the Engineer for final authorization and use during construction.

Shop drawings and calculations must be sealed and signed by the bridge manufacturer's engineer who is registered as a civil or structural engineer in the State of California.

The shop drawings must include:

1. Layout drawing of the entire structure
2. Member dimensions and location
3. Match-marking diagrams
4. Connection details of the bridge members
5. Identification of tension members and fracture critical members
6. Connection details of the bridge rail to the bridge
7. Details of approach railing on top of wing walls
8. General notes and a list of appropriate Caltrans design standards

The design calculations must include:

45-2.06B Quality Certification

Bridge(s) must be fabricated by the fabricator who is currently certified by the American Institute of Steel Construction to have the personnel, organization, experience, capability, and commitment to produce the fabricated structural steel for the category intermediate “Major Steel Bridge” as set forth in the AISC Certification Program with Fracture Critical Endorsement. Bridge fabricator must be currently certified by the American Welding Society (AWS) as an AWS Certified Fabricator. Quality control must be in accordance with procedures outlined for AISC certification.

45-2.06C Quality Certification

All weld testing must be done by a person qualified in accordance with ASNT SNT-TC-1A. All full penetration welds in the chords are to be ultrasonically tested in accordance with the AWS specification. All fillet and partial penetration groove welds must be 100 percent visually inspected with 10 percent also being magnetic particle tested in accordance with AWS specifications. A written testing report must be submitted upon completion.

45-2.07 FINISHING

45-2.07A Blast Cleaning

45-2.07A(1) Painted Steel

All exposed surfaces of steel to be painted must be blast cleaned in accordance with the appropriate section of the Steel Structures Painting Council Surface Preparation Specifications as recommended by the paint manufacturer. Any flat surfaces which shall be in contact with other flat surfaces after fabrication shall be cleaned, removing any grease, oil or other foreign material, prior to welding. After welding bridge, brush blast only to remove any excess weld residue, mill scale and stenciling.

45-2.07B Galvanizing

Bridge shall be immersed in an acid bath to remove surface rust and mill scale to provide a chemically clean metallic surface and then hot-dip galvanized in accordance with ASTM A123 after fabrication. After galvanization and prior to painting, all exposed

MIDCOAST MULTI-MODAL TRAIL IMPROVEMENTS, Engineer's Estimate - Continued from Previous Page

Item No.	Section No.	Bid Item Code	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
47	51-1	731504	97	LF	Curb and Gutter	\$	\$
48	51-1	731501	730	LF	Vertical Curb	\$	\$
49	51-2	731623	1	EA	Curb Ramp (Case G)	\$	\$
50	51-3	731656	430	SF	Detectable Warning Surface	\$	\$
51	52	520101	<u>36,421</u> 26,630	LB	Bar Reinforcing Steel (ST-70 Barrier Rail)	\$	\$
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60	80	800300	116	LF	Chain Link Fence	\$	\$
61	81-1		33	EA	Channelizers	\$	\$
62	81-2		4	EA	Bollards	\$	\$
63	81-3		7	EA	Fold Down Bollards	\$	\$
64	81-4		22	EA	Solar Light Bollards	\$	\$

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