

DOT Agreement No. 110002

**AMENDMENT # 5 TO THE COUNTY OF MENDOCINO
STANDARD SERVICES AGREEMENT FOR ENGINEERING CONSULTANT
SERVICES FOR THE ACKERMAN CREEK BRIDGE REPLACEMENT ON NORTH
STATE STREET**

**BOARD OF SUPERVISORS (BOS) AGREEMENT NO. 11-056/DEPARTMENT OF
TRANSPORTATION (DOT) NO. 110002**

This Amendment to BOS Agreement #11-056/DOT Agreement #110002 is entered into this 1st day of October, 2019, by and between the COUNTY OF MENDOCINO, a political subdivision of the State of California, hereinafter referred to as "COUNTY" and Quincy Engineering, Inc., 11017 Cobblerock Drive, Suite 100, Rancho Cordova, CA 95670, hereinafter referred to as "CONSULTANT".

WHEREAS, BOS Agreement No. 11-056/DOT Agreement No. 110002 was entered into between COUNTY and CONSULTANT on June 14, 2011; and

WHEREAS, upon execution of this document by COUNTY and CONSULTANT, this document will become part of the aforementioned Agreement and shall be incorporated therein; and

WHEREAS, extended right-of-way negotiations and coordination with utility companies have delayed completion of the engineering phase of this project; and

WHEREAS, these delays have increased the time and resources CONSULTANT requires to ready this project for construction, including coordination meetings, revisions to reflect changes in permits and right-of-way needs, and changes in construction methods; and

WHEREAS, CONSULTANT has prepared the attached "Amendment 5 – Scope of Services," attached hereto as Exhibit A and incorporated herein by this reference, including additional or expanded tasks as compared to the original scope of work; and

WHEREAS, CONSULTANT has agreed to complete the additional or expanded tasks as detailed in the Amendment 5 – Scope of Service for a total additional amount of \$199,800; and

WHEREAS, it is mutually agreed between COUNTY and CONSULTANT that the total not-to-exceed compensation payable to CONSULTANT including the total amount of salaries and expenses included in the original agreement and Amendments No. 1 through 5 shall be increased to a not-to-exceed amount of \$1,156,500.

NOW, THEREFORE, we agree as follows:

1. The Scope of Services for BOS Agreement #11-056/DOT Agreement #110002 is hereby amended to include the additional and expanded tasks as detailed in "Amendment 5 – Scope of Services," attached hereto as Exhibit A.
2. The total not-to-exceed compensation payable to CONSULTANT including the total amount of salaries and expenses included in the original agreement and Amendments Nos. 1-4 shall be increased by \$199,800 to \$1,156,500.

All other terms and conditions of BOS Agreement No. 11-056/DOT Agreement No. 110002 shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

DEPARTMENT FISCAL REVIEW: Transportation

By: Howard N. Dashiell 9/6/19
HOWARD N. DASHIELL, Director DATE

Budgeted: ☒ Yes ☐ No

Budget Unit: 3041

Line Item: 2184

Grant: ☒ Yes ☐ No

Grant No.: FHWA E76; BHLS-5910(081)

CONSULTANT/COMPANY NAME

By: James L. Frutkin
Date: 9/11/19

NAME AND ADDRESS OF CONSULTANT:

Quincy Engineering, Inc.

11017 Cobblerock Drive, Suite 100

Rancho Cordova, CA 95670

INSURANCE REVIEW:

By: Carmel J. Angelo
Risk Management

By signing above, signatory warrants and represents that he/she executed this Agreement in his/her authorized capacity and that by his/her signature on this Agreement, he/she or the entity upon behalf of which he/she acted, executed this Agreement

Date: 9/10/19

EXECUTIVE OFFICE/FISCAL REVIEW:

APPROVAL RECOMMENDED

By: [Signature]
Deputy CEO

Date: 9/9/19

COUNTY COUNSEL REVIEW:

APPROVED AS TO FORM:

KATHARINE L. ELLIOTT,
County Counsel

By: [Signature]
Deputy

Signatory Authority: \$0-25,000 Department; \$25,001-50,000 Purchasing Agent; 50,001+ Board of Supervisors

Exception to Bid Process Required/Completed ☐

Mendocino County Business License: Valid ☐

Exempt Pursuant to MCC Section: _____

COUNTY OF MENDOCINO

By: [Signature]
CARRE BROWN, Chair
BOARD OF SUPERVISORS

OCT 07 2019

ATTEST:

CARMEL J. ANGELO, Clerk of said Board

By: Karlee Van Hagen
Deputy

OCT 07 2019

I hereby certify that according to the provisions of Government Code section 25103, delivery of this document has been made.

CARMEL J. ANGELO, Clerk of said Board

By: Karlee Van Hagen
Deputy

OCT 07 2019

North State Street Road Bridge at Ackerman Creek | Br. No. 10C-0065

The following additional tasks will be performed by the Quincy Engineering Team for the design of a new bridge and approach roadways:

- Additional project management, project coordination and project team meetings for agency, right of way and project design issue resolution.
- Additional bridge design and analysis as a result of the liquefaction criteria and recent guard railing MASH compliance requirements per CT.
- Additional R/W support and revisions of R/W documents based on landowner negotiations
- Additional Utility coordination with PG&E (electric & natural gas), AT&T, Comcast, City of Ukiah Electric, City of Ukiah Sewer, and Millview County Water District
- Additional permitting support for approved permits that will need revising

The additional and supplemental work required is described below in accordance with the original contract scope of work.

PHASE 1- PROJECT STUDY REPORT/TYPE SELECTION

TASK 1.0: PROJECT MANAGEMENT

Additional Project Management tasks are required due to an additional three-year project delay resulting from external agency input, utility company input, and property owner negotiations. This includes project management, tracking, and communication of project engineering design budget, administrative costs, project progress reporting, and coordination with the County, as well as other project stakeholders, and the entire Project Development Team (PDT).

This includes the following project management tasks:

- Critical Path Schedule updates;
- In person PDT meetings (total 2);
- Monthly teleconference meetings (12);
- Meeting Agendas, Minutes, and Action Item Summaries; and
- Monthly Invoices, Progress Reports, and Look-Ahead Summaries.

Task 1 Deliverables:

- Schedule Updates
 - Project Meetings (2)
 - Project Progress Reports
 - Monthly Teleconference Meetings (12)
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PHASE 3- PRELIMINARY DESIGN

TASK 20.0: UTILITY COORDINATION

Quincy will perform additional utility relocation coordination with PG&E (electric & natural gas), AT&T, Comcast, City of Ukiah Electric, City of Ukiah Sewer, and Millview County Water District. This coordination includes evaluation and review of the horizontally directionally drilled natural gas transmission main, as well as the temporary and permanent relocations of the above-ground facilities. Additional coordination driven by changes to the final Right of Way limit is required. Quincy will provide communication and coordination with the utility companies by contacting them during the final design phase. Using County letterhead, we will prepare the C letters according to Caltrans and County procedures. We will coordinate the relocation and protection of the existing utilities for the project based on information obtained from the various affected utility owners.

QEI will coordinate work with utilities and review facility relocation designs provided by the utility companies to ensure they are consistent with the project design and proposed ROW. Since the bridge construction will be phased over two seasons, additional coordination to ensure existing utilities remain in service between construction seasons is required. Additional coordination for the tie-in timing prior and after construction is also required. Utility relocation design is specifically not part of the Team's scope of

work.

Task 20 Deliverables:

- Utility C Letters
 - Utility Coordination Meetings
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PHASE 4- FINAL DESIGN

TASK 21: FINAL DESIGN

TASK 21.1 – FINAL BRIDGE DESIGN

The current Caltrans Type 732SW bridge railing is not acceptable since it is not crash tested, not in compliance with federal Mash and Caltrans requirements. The bridge railing will be changed to a reinforced concrete Type 842 SW railing. Approximately 6 bridge plan sheets will need revisions due to the changes to the barrier.

TASK 21.2 – FINAL APPROACH ROADWAY DESIGN

Additional final approach roadway design will be required due to the change to the concrete bridge railing width. Additional design to ensure this extra width will work with the stage construction details that have been previously developed will be needed. Approximately 10 roadway plan sheets will need revisions due to the changes to the barrier.

Task 21 Deliverables:

- Revised Final Bridge Design Details
 - Revised Final Roadway Design Details
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TASK 26: CONSTRUCTION QUANTITIES & ESTIMATE

Construction quantities and the Team's estimate of construction costs (Q and E) will be updated. Quantities will be calculated in accordance with Caltrans' practice and segregated into pay items. The final estimate will show quantities and costs as well as a project cost summary. Summary sheets of various structures items for the Construction Resident Engineers use will also be provided.

Task 26 Deliverables:

- Revised Quantities and Engineer's Estimate
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TASK 29: RIGHT-OF-WAY ENGINEERING

QEI performed additional right of way engineering tasks, including, field surveys to determine property boundaries, development of appraisal maps, plat maps and legal descriptions for acquisition deeds, perform a record of survey and preparing right of way record mapping. The Right of Way engineering needed several iterations as a result of the negotiations with the adjacent landowners. Addition Right of Way coordination with the utility companies was also required.

Task 29 Deliverables:

- Revised Appraisal Maps
 - Revised Plat Maps and Legal Descriptions
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TASK 30: REGULATORY AGENCY PERMITS

QEI will provide additional technical support such as exhibits, quantity calculations, and other technical information as required to adequately identify and describe the limits of impact (lateral and vertical), likely construction methodologies, temporary vs. permanent impacts, and other technical information required for the various environmental permit applications. QEI should also review permit applications and provide feedback on commitments that are proposed to the agencies.

The following permits have been obtained, though will need reviewing for consistency with the final design:

- Section 404 Permit (U.S. Army Corps of Engineers)
- Section 401 Water Quality Certification (North Coast Regional Water Quality Control Board)
- Section 1600 Streambed Alteration Agreement (California Department of Fish and Game)

Task 30 Deliverables:

- Permit Review
 - Permitting Agency Coordination
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TASK 33: RIGHT-OF-WAY-APPRAISAL & ACQUISITION SUPPORT

The County has been performing all tasks related to appraisals and acquisition of necessary right of way, temporary easements and/or other permanent easements. Quincy Engineering has performed additional coordination with the county to determine and verify right of way acquisitions are adequate for the project. Right of way needs have changed after the submittal of the 65% Plans and construction details, including property access, utility relocation, and other appurtenances have required modification.

Task 33 Deliverables:

- Right of Way Support as required by County
 - Coordination of changes to details resulting from Right of Way Changes
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