



BOARD OF SUPERVISORS
AGENDA LETTER
Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:

Department Name: Public Works
Department No.: 054
For Agenda Of: October 20, 2015
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Director Scott D. McGolpin, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation 568-3064
SUBJECT: Refugio Road Low Water Crossings No. 1 and No. 2 New Bridge Projects; Federal Projects BRLO-NBIL (529) and BRLO-NBIL (530); County Projects No. 862361 and 862362; Third Supervisorial District

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve and authorize the Chair to execute the attached professional services contract with MNS Engineers, Inc. in the base amount of \$96,940.00 for topographic and right-of-way survey – Refugio Road Low Water Crossings over Refugio Creek, Third Supervisorial District, County Project Nos. 862361 and 862362; which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representative;
- b) Authorize the Director of Public Works to approve changes or additions to the professional services being performed under the professional service contract with MNS Engineers, Inc. in an amount not to exceed \$9,694.00; and
- c) Find that the proposed action is exempt from California Quality Environmental Act, pursuant to 14 CCR 15306, which consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource, and approve and direct staff to file the attached Notice of Exemption on that basis.

Summary Text:

On August 13, 2015, two (2) proposals were received for the topographic and right-of-way surveys for Refugio Road Low Water Crossings No. 1 and 2. The proposals were evaluated by County Staff based on qualifications in accordance with Caltrans Local Assistance Procedures Manual Chapter 10, and staff has selected the most qualified consultant MNS Engineers, Inc. to perform the topographic and right-of-way survey for the two low water crossings. The cost proposal submitted by MNS Engineers, Inc. (a local firm) was \$96,940. Staff recommends awarding the contract to MNS Engineers, Inc. for a total amount of \$106,634.00 including a 10% contingency.

The two projects are funded separately under Caltrans' Highway Bridge Program (HBP). This contract with MNS Engineers, Inc. combines topographic and right-of-way survey services for the two (2) low water crossings bridge construction projects into a single contract to improve contract administration efficiency and provide potential cost savings for the County. The consultant will track their time and invoice separately for each project number in accordance with Caltrans Accounting Procedures for Federally funded projects and the attached scopes of work and fee schedules.

The topographic and right-of-way surveys are part of the preliminary engineering work and critical in the determination and development of the preferred alternatives for bridge structure components, bridge design, roadway geometric configurations, and fish passageway improvement.

Background:

These two projects will replace the two existing low water crossings at Refugio Road Mile Post 0.30 and Mile Post 1.80 with new bridges and will construct a fish passageway improvement at Mile Post 1.80. These crossings are the first two in a series of six low water crossings traveling north from Highway 101 on the Southern side of Refugio Road. These existing low water crossings consist of corrugated metal pipes laid parallel to the creek flow line underneath the segment of concrete roadway. During storm events, debris and rocks clog the culverts and flows from the creek overtop the roadway, making it impassable to traffic. The road is then temporarily closed to public traffic until water subsides and the County crews are finished clearing the road. Also, most of the year, there is shallow water flowing over the roadway at Crossing No. 1 making the road slippery. In addition, Crossing No. 2 crosses a steep channel profile which poses an obstacle for steelhead trout migrating to spawn on the upper reaches of Refugio Creek. These crossings were identified by County staff as needing to be replaced with bridges and subsequently programmed in the HBP for funding.

The project will provide safer, year-round access to the ranches, local residences and businesses around the area; and construct fish passage improvement to the upper reach of Refugio Road. These two project locations have been fully funded under the HBP. The other four low water crossings have also been programmed for funding. Preliminary Engineering will begin on the remaining crossings in the near future. California Environmental Quality Act (CEQA) review for the construction portion of the project will be completed prior to project approval.



Figure 1 - View of Refugio Road Low Water Crossing No. 1, looking south (toward the ocean)



Figure 2 - View of Refugio Road Low Water Crossing No. 2, looking north (toward the mountains)

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total Survey Professional Services Cost</u>
Caltrans' Highway Bridge Program (HBP)	
Low Water Crossing No. 1	\$52,459.00
Low Water Crossing No. 2	\$54,175.00
Total	\$106,634.00

Narrative:

The cost for Preliminary Engineering for these two projects is 100% funded by the HBP with toll credits. The funds are budgeted in Dept. 054, Fund 0017, Org. Unit 0600, Program 2830, and Account 7460.

Key Contract Risks :

There is low risk associated with this contract. The project is fully funded by Caltrans' Highway Bridge Program.

Special Instructions:

Please forward the following items to the Public Works Department, Transportation Division, Engineering Section office, 123 E. Anapamu Street, Santa Barbara, Attn: Blair Gilbertson (Extension 3094):

- A certified, stamped Minute Order approving these recommendations
- Two original executed contracts (third original contract to remain on file with the Clerk of the Board)

Attachments:

Attachment A: Agreement for Services of Independent Contractor (3 originals)

Attachment B: Notice of Exemption

Authored by:

Brittany Heaton, Project Manager, Public Works – Transportation Division, Engineering Section
568-3035

cc:

Mark Paul, Public Works Deputy Director - Finance & Administration