



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

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

Department Name: Public Works
Department No.: 054
For Agenda Of: August 19, 2008
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: 4/5

TO: Board of Supervisors
FROM: Department Scott McGolpin, Director of Public Works, 568-3010
Director
Contact Info: Dacé Morgan, Deputy Director, Transportation, 568-3064
SUBJECT: Construction of Cable Mesh Drapery System on Stagecoach Road in the 3rd
District; County Project No. 862266, Federal Project Nos. ER-4200 (008)

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Approve the plans and specifications for the Construction of Stagecoach Road Storm Damage Repairs, Cable Mesh Drapery System, near the City of Santa Barbara, Third Supervisorial District, County Project No. 862266; and
- B. Award the construction contract in the amount of \$289,398.35 to the lowest responsible bidder, AIS Construction Company (a local vendor), 6240 Via Real, Suite 6, Carpinteria, CA 93013, subject to the provision of documents and certifications, as set forth in the plans and specifications applicable to the project, as required under California Law; and
- C. Authorize the Chair to execute the construction contract upon return of the Contractor's executed contract documents, and the review and approval of County Counsel, Auditor-Controller and Risk Management or their authorized representatives; and
- D. Approve contingency funds in the amount of \$26,969.92 for the Construction of Stagecoach Road Storm Damage Repairs, Cable Mesh Drapery System, near the City of Santa Barbara, Third Supervisorial District, County Project No. 862266.
- E. Approve the attached Public Works Budget Revision Request for \$361,000.00 (4/5 vote required).

Summary Text:

On July 17, 2008, three (3) bids were opened for the Construction of Stagecoach Road Storm Damage Repairs, Cable Mesh Drapery System, near the City of Santa Barbara, Third Supervisorial District, County Project No. 862266. AIS Construction Company submitted the lowest responsible bid in the amount of \$289,398.35. The Department has performed an analysis of the bids received. The bids ranged from the low bid of \$289,398.35 to the high bid of \$382,128.00. The Engineer's Estimate was \$214,664.00. The percent difference between the low bid and the Engineer's Estimate was 34.81%. The percent difference between the low bid and the second lowest bid was 2.10%. AIS Construction Company specializes in the type of work involved in this contract, which includes cable mesh drapery rockfall protection system.

Due to high demand for braided wire rope and steel, which make up the cable mesh drapery system, the overall bid cost came in significantly higher than the Engineer's Estimate. The Department has determined that the low bid is responsible and reasonable and recommends awarding this contract to AIS Contractor Company. This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder.

Background:

The Stagecoach Road Storm Damage Repair Project is located on Stagecoach Road, approximately 3.5 miles southeast of State Highway 154, near the City of Santa Barbara. During the initial series of storms of January 2005, a large rockfall event occurred at the project location. The landslide forced the closure of the road for a period of 4-5 days for public safety reasons until County-directed Contractors could be mobilized to begin debris removal activities and dressing up of the site. A narrow ridge of fractured material is prominent between the last two rockfall source areas, with partially translated materials perched along the landslide scarp and slope face.

In order to mitigate against further destabilization at this site and minimize the potential impacts to the traveling public, the project will construct a cable mesh drapery system along a 108 foot length of Stagecoach Road. The installation of rockfall protection is designed to reduce road closure time during a future storm or earthquake induced rockfall movement, and lessens the likelihood of direct impact of rockfall on users of Stagecoach Road. This occurs by reducing the energy of the rock fall and by containment of the majority of falling rock and earthen debris. The Department has installed this system adjacent to this location and elsewhere on the south coast and has seen the benefits of its installation.

Stagecoach Road at Milepost 3.5 will be closed to through traffic for up to two months during the construction cycle. This will allow for a more efficient construction operation and a safer alternative to the traveling public during the rock removal and clearing of plant materials from high on the slope, which is needed to install the drapery system. Prior to the beginning of construction, residents and local businesses will be notified of the anticipated traffic control and proposed schedule for this project. This traffic control approach is similar to that utilized on past construction projects at this location. Visitors to Cold Springs Tavern will be alerted to use Paradise Road during this closure period. This will involve a detour length of 3.3 miles for most travelers.



Stagecoach Road, with existing netting showing contained materials and adjacent, unprotected area where rock debris entered the roadway.

On April 15, 2008, your Board approved the Authority to Advertise for the Construction of Stagecoach Road Storm Damage Repairs, Cable Mesh Drapery System and the Notice of Exemption pursuant to the County’s California Environmental Quality Act (CEQA) guidelines as adequate environmental review for this project, File Reference No. 08-00329.

Fiscal and Facilities Impacts:

Budgeted: No

This project was approved by your Board as part of the 2007 – 2012 Five Year Capital Improvement Plan for the County of Santa Barbara, as shown on Page B-142.

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State: OES	\$ 36,287.44		\$ 36,287.44
Federal: FHWA-ER	\$ 280,080.83		\$ 280,080.83
Fees:			
Other:			
Total	\$ 316,368.27	\$ -	\$ 316,368.27

Narrative:

A Public Works Department budget revision request (00000304) is attached to this letter. The budget revision includes the construction contract cost of \$316,368.27 as well as \$44,631.73 for construction engineering, for a total of \$361,000.00.

The total construction contract cost, including contingencies, amounts to \$316,368.27. Of this total, \$280,080.83 (88.53%) is funded by the Federal Highways Administration (FHWA) and \$36,287.44 (11.47%) is funded by the State Office of Emergency Services (OES).

These funds will be budgeted in Dept. 054, Fund 0016, Org. 0500, Program 2920, and Account 7510

Staffing Impacts:

Legal Positions:

None

FTEs:

None

Special Instructions:

Please forward a certified, stamped copy of the Minute Order approving these recommendations to:

1. Public Works Department, Transportation Division, Engineering Section, Attn: Beverly Cross
2. Public Works Department, Transportation Division, Accounting Section, Attn: Donna Manuel

Attachments:

Draft copy of the Contract for Construction of Stagecoach Road Storm Damage Repairs, Cable Mesh Drapery System; Third Supervisorial District, County Project No. 862266, Federal Project No. ER-4200 (008)

Authored by:

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Chris Sneddon, Engineering Manager, 568-3047