SUMMARY STATEMENT

ITEM NO. | SUBJECT: | Replacement of Moveable Barrier Sections

COMMITTEE: | New Business

COMMITTEE MEETING DATE: | August 17, 2005

BOARD ACTION DATE: | August 17, 2005

PROPOSAL: | That the Board authorizes staff to negotiate a contract with Barrier Systems, Inc. (180 River Road, Rio Vista, CA  94571), for 184 replacement concrete moveable median barrier sections at a total cost of $98,837.16.

PURPOSE: | To provide replacement of the concrete barrier sections that comprise the moveable median barrier in the center of the Walt Whitman Bridge and the Ben Franklin Bridge roadways. The barrier protects the motorist by separating eastbound and westbound traffic. Additionally, it enables the bridges to change the lane configurations by moving the barrier to accommodate peak traffic in either the eastbound or westbound direction.

BACKGROUND: | The order is for 184 concrete replacement sections (each three feet long for a total of 552 linear feet of replacement length). The replacement sections are located within curved sections of the bridge approaches, and as a result have experienced frequent vehicular impact damage. Continued repair of these sections is no longer feasible, and replacement of the sections is necessary. The Walt Whitman Bridge has over 12,000 linear feet of moveable concrete barrier and the Ben Franklin Bridge has over 8,000 feet of moveable concrete barrier. The Ben Franklin Bridge and Walt Whitman Bridge move these concrete barrier walls a minimum of twice a day during the work week to accommodate peak commuter-based traffic. The barrier is also moved to accommodate city events, sporting events, and bridge contractors.

The barrier was first installed temporarily on the Walt Whitman Bridge in 1994 during the deck rehabilitation project to enhance traffic control during the construction project. Based on the success of the barrier during the Walt Whitman’s construction project, and on a subsequent engineering evaluation, a recommendation was made to install median barriers on all DRPA bridge facilities. In 2000,
moveable barriers were installed on the Walt Whitman Bridge, the Ben Franklin Bridge, and the Commodore Barry Bridge while a fixed barrier was installed on the Betsy Ross Bridge.

This purchase was not bid because Barrier Systems, Inc. is the sole vendor that matches the existing concrete barrier blocks. Also, these blocks match the carriage of the Barrier Machine used to move the barrier.

Staff has evaluated the cost breakdown submitted by Barrier Systems for the replacement sections, and has determined that the price is fair and equitable.

**SUMMARY:**

- **Amount:** $98,837.16
- **Source of Funds:** Revenue Bond
- **Capital Project #:** N/A
- **Operating Budget:** N/A
- **Master Plan Status:** N/A
- **Other Fund Sources:** N/A
- **Duration of Contract:** N/A
- **Other Parties Involved:** N/A
RESOLUTION

RESOLVED: That the Board authorizes staff to negotiate a contract with Barrier Systems, Inc. (180 River Road, Rio Vista, CA 94571), to purchase 184 replacement change moveable median barrier sections at a total cost of $98,837.16.

RESOLVED: The Chair, Vice Chair and the Chief Executive Officer must approve and are hereby authorized to approve and execute all necessary agreements, contracts, or other documents on behalf of the DRPA. If such agreements, contracts, or other documents have been approved by the Chair, Vice Chair and Chief Executive Officer and if thereafter either the Chair or Vice Chair is absent or unavailable, the remaining Officer may execute the said document(s) on behalf of DRPA along with the Chief Executive Officer. If both the Chair and Vice Chair are absent or unavailable, and if it is necessary to execute the said document(s) while they are absent or unavailable, then the Chief Executive Officer shall execute such documents on behalf of DRPA.

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