



Agenda Item No. 2

To: Building and Operating Committee/Committee of the Whole  
Meeting of June 21, 2007

From: Ewa Z. Bauer, Deputy District Engineer  
Denis J. Mulligan, District Engineer  
Celia G. Kupersmith, General Manager

Subject: **APPROVE ACTIONS RELATIVE TO THE PROFESSIONAL SERVICES AGREEMENT WITH HDR ENGINEERING, INC., REGARDING CONTRACT NO. 2004-B-6, DESIGN AND PREPARE BID DOCUMENTS FOR GOLDEN GATE BRIDGE SEISMIC RETROFIT PHASE IIIA, NORTH ANCHORAGE HOUSING/NORTH PYLON**

### **Recommendation**

The Building and Operating Committee recommends that the Board of Directors approve the following actions relative to the Professional Services Agreement with HDR Engineering, Inc., regarding Contract No. 2004-B-6, *Design and Prepare Bid Documents for Golden Gate Bridge Seismic Retrofit Phase IIIA, North Anchorage Housing/North Pylon*:

1. Authorize execution of an amendment to Contract No. 2004-B-6 to revise plans and technical specifications for the *Golden Gate Bridge Seismic Retrofit Phase IIIA, North Anchorage Housing/North Pylon* construction contract, in the amount not to exceed \$240,000;
2. Authorize execution of an amendment to Contract No. 2004-B-6 to provide design support during the advertising period for the *Golden Gate Bridge Seismic Retrofit Phase IIIA, North Anchorage Housing/North Pylon* construction contract, in the amount not to exceed \$250,000; and,
3. Authorize a contract contingency in the amount of \$50,000;

with the understanding that sufficient funds are available in the FY 06/07 Bridge Division Capital Budget for the Phase IIIA Project to finance these services.

### **Summary**

The Phase IIIA project involves seismic retrofitting of the North Anchorage and North Pylon structures of the Golden Gate Bridge. The scope of retrofit involves strengthening the external walls of the North Anchorage Housing and North Pylon along with their foundations; strengthening the internal concrete frame system of the North Anchorage Housing; replacing, under continuous traffic, the Anchorage Housing concrete roof that serves also as a bridge roadway and sidewalks, and

performing various modifications to utilities. As previously authorized by the Board, the District engaged the services of HDR Engineering, Inc., to design and prepare bid documents for the Phase IIIA project.

In a separate report presented at the June 21, 2007, meeting of the Building and Operating Committee, staff has recommended rejection of all bids received on May 31, 2007, for the Phase IIIA construction contract, Contract No. 2006-B-1, and re-advertising of the project. Based on the evaluation of the bid results in relation to the construction Contract No. 2006-B-1 provisions, staff recommends that revisions to the plans and specifications be implemented to encourage greater competition and more bidders. Staff conducted telephone interviews with numerous plan holders and has considered their input in determining changes that would be most beneficial to the project.

The assistance of the design consultant is required to implement changes to the project plans and specifications. Hence, at the District's request, the consultant provided a cost proposal in the amount of \$240,000 for the scope of changes requested by the District. Staff has evaluated this proposal and deemed it to be appropriate.

Furthermore, during re-advertisement of Phase IIIA, the District will require assistance of the designer in responding to bidders requests for clarifications; reviewing technical aspects of bid document changes under consideration; and, producing revised plans and technical specifications for changes determined to be required during the re-advertising period. The cost of the designer's support during the re-advertising period for construction bids has been estimated at \$250,000.

Staff also proposes that a contingency in the amount of \$50,000 be set for the above described services, which would enable prompt implementation of any additional or changed scope to Contract No. 2004-B-6 under the present General Manager's authority limit for contract change orders.

Under both amendments, the design consultant will be compensated based upon actual time expended and expenses incurred plus a fixed fee not to exceed the authorized amount.

**Fiscal Impact**

This project is included in the FY 06/07 Bridge Division Capital Budget at a total cost of \$50,000,000 and is 100% grant funded. The total budget of the professional engineering services agreement with HDR Engineering, Inc., Contract No. 2004-B-6, authorized by the previous Board resolutions is \$3,120,262. A \$140,000 portion of the previously authorized contract amount remains available and will be transferred to the corresponding amendment to finance the cost of changes to the bid documents. Hence, an additional \$400,000 is required to the total authorized budget amount for Contract No. 2004-B-6 and detailed as follows:

**DESCRIPTION**

**AMOUNT**

Amendment to revise plans and specifications	\$240,000
	<u>-140,000</u>
	\$100,000
Amendment to assist during advertising for construction bids	<u>+250,000</u>
Required increase in Phase IIIA Contract No. 2004-B-6	\$350,000
Contingency	<u>+\$50,000</u>
Contract No. 2004-B-6 Total Budget	\$400,000

Sufficient federal grant funds are budgeted in the FY 06/07 Bridge Division Capital Budget for the Phase IIIA Project to finance the proposed cost increase to the Contract No. 2004-B-6 budget.