



Board Report

File #: 2016-0149, File Type: Budget

Agenda Number:

SYSTEM SAFETY, SECURITY AND OPERATIONS COMMITTEE MARCH 17, 2016

**SUBJECT: METRO EMERGENCY SECURITY OPERATIONS CENTER (ESOC)
ARCHITECTURAL AND ENGINEERING DESIGN SERVICES**

ACTION: APPROVE RECOMMENDATIONS

RECOMMENDATIONS

AUTHORIZE the Chief Executive Officer (CEO) to:

- A. ESTABLISH the life of project (LOP) budget in the amount of \$112.7 million for the **Emergency Security Operations Center (ESOC) Phase One**, CP No. 212121; and
- B. AWARD a 36-month firm fixed price Contract No. AE451150019779 to **HDR Engineering, Inc.**, in the amount of **\$5,936,638** for **Metro's ESOC Architectural and Engineering design services**.

ISSUE

The existing Emergency Operations Center (EOC) is currently located at Metro's Union Station Gateway (USG) Headquarters, part of the USG Complex that serves as a major terminus hub for rail and bus transportation. Because this location is in close proximity to high traffic public areas, a Metro Threat and Vulnerability Assessment (TVA) identified a series of vulnerabilities that require mitigation. In an effort to mitigate the concerns identified in the TVA, Metro applied for and received State of California grant funds to build a new facility off-site. Phase One of the new Emergency and Security Operations Center (ESOC) will serve as the primary and central location to support day-to-day emergency, security and law enforcement operations. The facility may also be expanded during Phase Two to accommodate Metro rail and bus operations (ROC) and (BOC) - providing needed redundancy.

To proceed with Metro's new ESOC Phase One, staff requires award of this contract which includes:

- Performing final programming and conceptual design;
- Surveying and testing;
- Preparation of preliminary design and engineering documents up to 30 percent;
- Preliminary engineering and 60 percent advanced preliminary engineering for systems;
- Sustainability design;
- Bid solicitation support;

- Construction support services.

DISCUSSION

The proposed ESOC consists of approximately 100,000 square feet and up to a four story hardened structure with at-grade parking. The ESOC will be at a minimum a Leadership in Energy and Environmental Design Silver (LEED) certified hardened building and built in phases with the first phase consisting of the core and shell for the four story structure with at-grade parking including the tenant improvements for the EOC, Security Operation Center (SOC) and law enforcement dispatch to be located on the 3rd and 4th floors. Phase Two will consist of the tenant improvements for the ROC and BOC on the remaining 1st and 2nd floors to be built when funding becomes available. The total project preliminary cost for the ESOC Phase One is approximately \$112.7 million including escalation and the construction unit cost is approximately \$395 per square foot which falls within the market range for similar projects.

In November 2011, the Board approved the preliminary LOP budget for the combined Metro Emergency Operations Center/Bus Operations Center/Rail Operations Center (renamed as the ESOC) in the amount of \$16,103,043. With this Board action, the LOP budget for ESOC Phase One will be \$112.7 million for the preliminary architectural and engineering studies, design and construction of the ESOC Phase One with funds provided by the California State Office of Emergency Services (Cal OES), Proposition 1B California Transit Security Grant Program (CTSGB). Refer to Attachment C Sources and Uses. In March 2011, the Cal OES allocated CTSGB funds in the amount of \$112.7 million to Metro to construct an off-site EOC (from the USG complex) for the Los Angeles County's Metro Rail and Bus System. The CTSGB funds are specifically earmarked for the construction of an off-site EOC and may not be used for any other security programs. In November 2011, the Board approved the environmental studies and acquisition of property for the ESOC. Since the property is an industrial site and based on preliminary environmental studies, extensive soil remediation and additional utilities to accommodate the ESOC will need to be addressed during design and construction.

Between August 2013 to December 2015, staff assessed the project impacts to human health and environment using CEQA and NEPA protocols. An Initial Study/Mitigated Negative Declaration (IS/MND) document was prepared for the ESOC outlining mitigation measures that will be implemented to reduce significant environmental impacts. After publicly circulating the document from October 15, 2015, to November 13, 2015, all comments were addressed by November 16, 2015; and a Notice of Determination (NOD) was prepared on December 18, 2015. Upon the execution by the Metro Board of the actions associated with this Board Report, the NOD will be filed with the California Office of Planning and Research concluding the environmental clearance process.

DETERMINATION OF SAFETY IMPACT

This Board action will enhance the established safety standards by improving Metro's disaster and terrorism response capabilities.

FINANCIAL IMPACT

In March 2011, the Cal OES allocated CTSGB funds in the amount of \$112.7 million to Metro to construct an off-site EOC. To date, Metro has been awarded approximately \$80.5 million for FY10, FY11, FY12, FY13 and FY14 (\$16.1 million each FY). Metro is anticipating being awarded the grant for FY 15 in March 2016 and is in the process of applying for the FY16 grant fund in the amount of \$16.1 million with the intention of securing the final grant fund in FY17.

Funding is included in the FY16 annual budget in cost center 2610, Security Dept., Account 50316, Professional and Technical Services, project 212121, Metro ESOC. Since this is a multi-year project, the cost center manager, and the Executive Officer for Program Management will be accountable for budgeting in future years.

Impact to Budget

The source of funds for this project is Proposition 1B. No other sources of funds were considered as these funds are for security and safety eligible capital projects only and cannot be used for operating expenses per the grant guidelines.

ALTERNATIVES CONSIDERED

The Board may decline to approve the recommended actions. This is not recommended. The LOP budget is based on the total CSGB award of \$112.7 million. If the grant funds are not expended within the specified timeframe, Metro will forfeit the grant award.

If the actions are not approved, the alternatives would be to consider award to the next technically qualified proposer and/or defer construction of the ESOC facility that may be detrimental to Metro security and transportation service goals for the long term with its rapidly growing transportation network.

NEXT STEPS

Upon Board approval, staff will execute Contract No. AE451150019779 with HDR Engineering, Inc. The NOD will be filed with the California Office of Planning and Research concluding the environmental clearance process. Staff will return to the Board in FY17 for design-build authority.

ATTACHMENTS

Attachment A - Procurement Summary
Attachment B - DEOD Summary
Attachment C - Sources and Uses

Prepared by: Rupert Bicarne, Sr. Engineering Manager, Program Management, (213) 922-6870

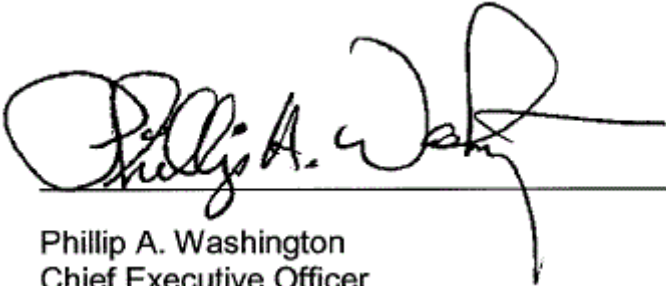
Jeanet Owens, Executive Officer, Program Management,
(213) 922-6877

Duane Martin, Deputy Executive Officer, System Security and Law Enforcement,
(213) 922-7460

Reviewed by: Ivan Page, Interim Executive Director, Vendor/Contract Management, (213) 922-6383

Alex Wiggins, Executive Officer, System Security and Law Enforcement, (213) 922-4433

Richard Clarke, Executive Director, Program Management,
(213) 922-7557



Phillip A. Washington
Chief Executive Officer