



CITY OF LONG BEACH

R-31

DEPARTMENT OF PUBLIC WORKS

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September 2, 2008

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt Plans and Specifications No. R-6748 for the Construction of Phase III Improvements to Taxiway K at the Long Beach Airport and authorize the City Manager to execute a contract with Sully-Miller Contracting Company, the lowest responsible bidder, in an estimated amount of \$7,856,741, plus a 25 percent contingency amount of \$1,964,185, if necessary. (District 5)

DISCUSSION

Taxiway K at the Long Beach Airport was constructed in 1971, and the pavement is beyond the end of its useful life. Within the last 12 months, existing pavement has shown that emergency repairs will be necessary to maintain the taxiway's use. Currently, the eastern 1,800 feet of Taxiway K (Phases I & II) is being reconstructed under a separate contract. The remaining 2,200 feet of Taxiway K located east of Runway 12-30 will be reconstructed during Phase III.

The project includes reconstruction of taxiway pavement and shoulders, replacement of all edge lighting, guidance signs, pavement markings and drainage improvements including storm drains and the grading of the adjacent infield areas. The project will also enhance safety for Runway 7L-25R by realigning, reducing, and relocating the connector taxiways between the Runway and Taxiway K to optimal locations. Also included in the scope of the project is the re-grading of the portion of the infield areas located within the Runway Safety Area to comply with Federal Aviation Administration (FAA) standards.

City Council adoption of the plans and specifications and award of the contract are being recommended concurrently to expedite implementation of this project. The project was advertised for bid April 25, 2008, and bids were opened May 28, 2008. Information regarding the bid and Sully-Miller Contracting Company is provided on the attached contract award document.

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In accordance with the California Environmental Quality Act, Categorical Exemption No. CEP- 117-07 has been issued for this project. The project received a Categorical Exclusion pursuant to FAA Order 1050.1E (in accordance with the National Environmental Protection Act) on May 20, 2008.

This matter was reviewed by Principal Deputy City Attorney Charles Parkin on August 15, 2008 and Budget Management Officer Victoria Bell on August 18, 2008.

SUSTAINABILITY

The new taxiway edge lighting fixtures to be installed will be Light Emitting Diode (LED) type, which have a much longer life expectancy (150,000 hours versus 8,000 hours), lower maintenance cost, and lower energy consumption (10w versus 30w) compared to traditional quartz fixtures.

The project area has extremely poor soils that require enhancement prior to the construction of the taxiway pavement. In lieu of removal and replacement, the Airport has opted to treat the soil in-place with cement, which will stabilize and strengthen it. This will allow the soil to remain in place, while providing a subgrade for the pavement structural section that meets the Federal Aviation Administration design standards for aircraft use.

The reconstruction will also maximize the recycling techniques (pulverization) to generate 100 percent of the aggregate for the project's cement-treated base from existing material. The remainder of the existing asphalt will be removed by cold milling so that it may be recycled for use in other projects in the Southern California region.

The combined effort of treating the soil in-place and using on-site materials to create the aggregate for the cement-treated base, the construction methods will reduce the number of large truck trips by more than 8,300 trucks.

TIMING CONSIDERATIONS

City Council action on this matter is requested on September 2, 2008, in order to authorize commencement of this project. Construction is anticipated to begin in October 2008 and should take approximately 12 months to complete.

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FISCAL IMPACT

The contract award is for an estimated amount of \$7,856,741. A 25 percent contingency amount of \$1,964,185 is being recommended due to the poor condition of the existing subgrade and any unforeseen circumstances. The funding sources are Federal Aviation Administration Airport Improvement Program (AIP) Grant Nos. 3-06-0127-30 and 03-06-0127-31, Passenger Facility Charges (PFC) and Airport revenue.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



For CHRIS KUNZE
ACTING AIRPORT DIRECTOR



MICHAEL P. CONWAY
DIRECTOR OF PUBLIC WORKS

PB:PB:ta

P/CL/R-6748, Taxiway K Award.doc

Attachment

APPROVED:



PATRICK H. WEST
CITY MANAGER

Recommended Contract Awards For September 2, 2008

<u>PROJECT NUMBER</u>	<u>DESCRIPTION</u>	<u>FUNDING SOURCE</u>	<u>LOWEST RESPONSIBLE BIDDER/ LOCATION</u>	<u>AWARD AMOUNT</u>
R - 6748	FOR THE CONSTRUCTION OF PHASE III IMPROVEMENTS TO TAXIWAY K AT THE LONG BEACH AIRPORT IN THE CITY OF LONG BEACH, CALIFORNIA	AIRPORT – CAPITAL GRANTS (FEDERAL AVIATION ADMINISTRATION AIRPORT IMPROVEMENT PROGRAM (AIP) GRANT NOS. 3-06-0127-30 AND 3-06-0127-31	SULLY-MILLER CONTRACTING COMPANY BIDDER IS NOT AN MBE/WBE/DBE	\$7,856,741 PLUS 25% CONTINGENCY IF NEEDED

There were nineteen (19) Plans and Specifications sold. Four (4) bids were received, one from a Local-owned Business, one from a WBE and none from MBEs or DBEs.

Rich Anthony, Deputy City Attorney, approved the Plans and Specifications on March 20, 2008.

The above is a construction project, which can be increased up to 15% above the award amount with no further City Council Actions, per the standard Specifications for Public Works Construction ("Green Book") which has been adopted by the City Council.

PROCUREMENT OUTREACH: Advertisements are placed in the Press – Telegram. In a continuing effort to increase participation of Long Beach businesses, MBEs and WBEs, bids for construction projects exceeding \$100,000 are sent, by the Public Works Department, to approximately 20 trade publications and plan rooms catering to the construction industry. Bids and Request for Proposals are available for viewing at the Purchasing Division Public Center; current bids are announced on the Public Works' bid page: <http://www.PlanetBids.com/LongBeach/Bidframe.cfm>.