



AGENDA MEMORANDUM

Future Item for the City Council Meeting of September 23, 2014
Action Item for the City Council Meeting of September 30, 2014

DATE: September 23, 2014

TO: Ronald L. Olson, City Manager

FROM: Christela Morales, Procurement Manager
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Purchase of Localizer Array System for the Corpus Christi International Airport

CAPTION:

Motion approving the purchase of a localizer array system for the Corpus Christi International Airport (CCIA) with Thales ATM, U.S., Overland Park, Kansas, based on sole source for the total amount of \$268,612.00. Ninety (90) percent of the project is funded through a Federal Administration Grant with a ten (10) percent local match.

PURPOSE:

Flight operations at the CCIA require the use of navigational aids to assist aircraft in approaching and landing on the runway. One component of the various navigational aids is the localizer array. The current localizer array requires replacement as part of the updated and enhanced version of the system.

BACKGROUND AND FINDINGS:

The construction contract for this project was awarded on April 15, 2014 to Bay Ltd. in the amount of \$34,766,637.10. The project began construction on May 15, 2014, with an anticipated completion date of October 22, 2015. The project will extend the existing 7,508-foot Runway 13 to the North by 1,000 feet and provide high strength pavement that is capable of accommodating a full range of aircraft. The Federal Aviation Administration (FAA) approved the design and construction work for the installation of various Navigational Aids (NAVAIDS) to be completed under this project, including the relocation and re-use of the existing runway localizer array systems for each runway end.

Upon further review, the FAA has made a determination that the existing 8-element localizer array system is no longer sufficient for the increased runway length due to new FAA criteria and that a 14-element MK20A - single frequency element log periodic dipole (LPD) array is required. The 14-element array must be purchased new from Thales Air Traffic Management as they are the only suppliers for the antenna array.

The FAA, CCIA, and KSA Engineers determined that in order to mitigate impacts to the overall project schedule and due to the complexity of the project, it is more efficient to have this equipment procured by the city, thus eliminating delays with the ongoing critical path work activities of the Runway 13-31. In addition, purchase by the City may be eligible for tax-free equipment and will not include the additional contractor mark-up thereby, overall providing a cost benefit for the City.

ALTERNATIVES:

Not applicable.

OTHER CONSIDERATIONS:

Not applicable.

CONFORMITY TO CITY POLICY:

This purchase conforms to the City's purchasing policies and procedures and State statutes regulating procurement.

EMERGENCY / NON-EMERGENCY:

Non-emergency

DEPARTMENTAL CLEARANCES:

Aviation Department

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year: 2013-2014	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget	\$720,000.00	\$11,381,388.00	0.0	\$12,101,388.00
Encumbered / Expended Amount	0.0	0.0	0.0	
This item	0.0	\$268,612.00	0.0	\$268,612.0
BALANCE	\$720,000.00	\$11,650,000.00	0.0	\$12,370,000.00

Fund(s):

Comments:

RECOMMENDATION:

Staff recommends approval of the motion as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet