Agenda Item #: 3H-2

# PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: November 22, 2016 [X] Consent [] Regular

| Workshop [ ] Public Hearing

**Department:** Facilities Development & Operations

## I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Contract with TLC Engineering for Architecture, Inc., in the amount of \$1,176,921, to provide planning and engineering/robust services associated with electronics and security systems replacement project.

The purpose of this contract is to have a consultant provide professional design services for the renewal/replacement of security electronic systems, a life safety study, and the command center expansion, as well as for construction phase administration services. The Main County Courthouse (MCCH) has an complex security electronic and fire alarm system which provides for the safety of the judges, staff and public, supports the movement of inmates for Court activities, and protects the County's property, as well as evidence and records stored within the facility. These systems have been in place since 1993 (except the fire system which had a partial upgrade in 2009). Since these systems must be operational 100% of the time, downtown is becoming an issue due to lack of availability of parts and/or contracted service personnel familiar with the operating system and/or logic controls. Under a previous contract, another consultant completed a Current System and User needs assessment report, and also a Technology Enhancements Recommendations Summary Report. These reports confirmed the end of life need to replace the integrating/controlling structure and each of the seven subsystems, and made recommendations for the replacement of each system. Additionally, the MCCH's command center (which also houses the security electronics) will need to be expanded for 1) the additional equipment and 2) reconfiguration of workstations to accommodate added and enlarged monitors. This contract also includes a life safety evacuation study including the identification of any architectural and structural changes required to secure a letter of equivalency from the Fire Marshall. The letter of equivalency is needed to allow for the additional security features desired by the court which are not consistent with original design assumptions of the building. The renewal/replacement project is expected to take place over 3-5 years depending on ability to physically perform this work without disruption to operations. TLC Engineering for Architecture, Inc., is a national business with offices throughout Florida to support this project and will be utilizing Palm Beach County sub-consultants for approximately 19% of the work. This contract includes a Small Business Enterprise (SBE) participation of 12.7%. Funding for project is from previous years Public Building Improvement Fund. (Capital Improvements Division) Countywide (LDC)

\*\*\*Continued on Page 3\*\*\*

### **Attachments:**

- 1. Contract
- 2. Disclosure of Ownership Interests
- 3. Budget Availability Statement

Recommended by	Department Director	10 (13 (16 <b>Date</b>
Approved by:	County Administrator	11/16/16 Date

## II. FISCAL IMPACT ANALYSIS

#### A. Five Year Summary of Fiscal Impact: 2018 2019 2020 2021 Fiscal Years 2017 Capital Expenditures \$1,176,921 **Operating Costs** 0 0 0 0 **External Revenues** 0 0 0 0 0 Program Income (County) 0 0 0 0 0 In-Kind Match (County) 0 0 0 0 0 NET FISCAL IMPACT \$1,176,921 # ADDITIONAL FTE POSITIONS (Cumulative) Is Item Included in Current Budget? Yes No **FUND:** 3804 **DEPT:** 411 UNIT: B400 **OBJ:** 4907 \$103,213 **DEPT:** UNIT: B419 **OBJ:** 4907 \$168,630 **FUND:** 3804 411 \$762,000 **OBJ**: 4907 **FUND:** 3804 **DEPT:** 411 UNIT: B421 **FUND: 3804** \$37,000 **DEPT:** 411 UNIT: B442 **OBJ:** 4907 **FUND:** 3804 411 **UNIT:** B510 OBJ: 4907 \$106,078 Reporting Category B. Recommended Sources of Funds/Summary of Fiscal Impact: Funding for this project is from the Public Building Improvement Fund. C. Departmental Fiscal Review:\_ III. REVIEW COMMENTS: OFMB Fiscal and/or Contract Development and Control Comments: Legal Sufficiency: C. Other Department Review:

Department Director

Summary (Cont'd): Page 3

Background and Justification: Selection was performed under Board adopted procedures pursuant to the Consultant Competitive Negotiations Act (CCNA) and Florida Statute 287.055, on June 30, 2016. The purpose of this contract is to have TLC Engineering for Architecture provide professional design services, for the renewal/replacement of security electronic systems, of which there are seven technologies within this integrated system; 1) programmable logic controllers, 2) CCTV surveillance and video management system, 3) security management system, 4) elevator override control, 5) card access, 6) intercom system, and 7) fire alarm system. This contract provides for professional design services for the renewal and replacement of the MCCH Security and Electronic systems, completion of a life safety study, the command center expansion, as well as construction phase administration. To facilitate and assist with the planning, phasing, and confirmation of project budgets, a Construction Manager will be hired. This renewal/replacement project is expected to take place over 3-5 years depending on the ability to physically perform the work without disrupting courthouse operations.