

City of San Antonio

Fire Training Academy HVAC Control
and Chiller Upgrade

City Council A Session - Item #10
August 16, 2018



Presented by: Jorge A. Pérez | Director
Building and Equipment Services



Project Background

- Fire Training Academy is located in CD 6
- Main Building A and B constructed in 2003
- Services include: providing official training programs firefighters
- Project included in the FY 2018 Deferred Maintenance Program
- Energy Savings Assessment completed May 2018 to identify energy savings that are a direct result of replacement of HVAC system





Project Scope

- Replace the following:
 - HVAC control system
 - Light switches to light occupancy sensors
 - Air-cooled chiller with a high efficiency air-cooled chiller
 - Reconfigure three existing air handling units to a single zone Variable Air Volume (VAV) system





Benefits/Energy Savings

- Improve :
 - Ventilation
 - Temperature controls
 - Building energy efficiency
 - Overall system efficiency
- Allow schedules to be programmed
- Provide remote access to adjust temperatures
- Anticipate energy savings



Energy
saving



Procurement of Service

- Advertised May 25, 2018
 - San Antonio Hart Beat
 - City's website
 - Texas Electronic State Business Daily
 - TVSA





Procurement of Services

- Bids opened June 10, 2018
 - 2 bidders responded
 - Inoca Holdco II, LLC dba Fox Service Company submitted the lowest responsive bid



Name of Bidder	Base Bid	Add Alt #1 (Chiller)	Add Alt #2 VAV Zone	Total Bid with All Add. Alt
Inoca Holdco II, LLC dba Fox Service Company	\$256,817.00	\$105,914.00	\$15,950.50	\$378,681.50
R.E.C Industries, Inc.	\$319,000.00	\$125,000.00	\$24,400.00	\$468,400.00



Procurement of Services

- SBEDA Goal Setting Committee
 - 23% Minority/Women Business Enterprise
- Subcontractors to be used:



Subcontractors	Emerging Small Business Enterprise (ESBE)	Hispanic American Business Enterprise (HABE)	Minority Business Enterprise (MBE)	Small Business Enterprise (SBE)	Woman Business Enterprise (WBE)
Lobo Construction Service	X	X	X	X	
Texas Mechanical Installation LLC	X	X	X	X	X
Romar Supply Inc.				X	X



Proposed Contract Schedule

- Contract Award and Order of Materials: August 2018
- Construction Phase: October 2018 thru March 2019
- Fire Training Academy main buildings A and B will remain operational during construction phase





Recommended Action

- Staff recommends approval of an ordinance accepting the lowest responsive bid with Inoca Holdco II, LLC dba Fox Service Company System for the HVAC Control and Chiller Upgrade project for the Fire Training Academy in the amount of \$378,681.50.



City of San Antonio

Fire Training Academy HVAC Control
and Chiller Upgrade

City Council A Session - Item #10
August 16, 2018



Presented by: Jorge A. Pérez | Director
Building and Equipment Services