



COMMISSIONERS COURT COMMUNICATION

REFERENCE NUMBER _____

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DATE: 04/04/2023

**SUBJECT: APPROVAL OF PROFESSIONAL SERVICES CONTRACT FOR AIR
BALANCING COMPANY INC., RELATED TO THE
REPLACEMENT OF THE ROOF TOP UNIT PROJECT AT THE
GREEN BAY JAIL**

***** CONSENT AGENDA *****

COMMISSIONERS COURT ACTION REQUESTED

It is requested that the Commissioners Court approve a professional services contract for Air Balancing Company Inc. (ABC) related to the Roof Top Unit (RTU) Replacement Project at the Green Bay Jail (GBJ).

BACKGROUND

The GBJ RTU replacement project includes replacing forty-two (42) RTU's, twelve (12) purge fans and five (5) supply fans throughout the building. Replacement of equipment will improve efficiency through air exchanges, air filtration, heating, and cooling. Each RTUs age is higher than the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Equipment Life Expectancy of fifteen (15) years. In addition, replacement of RTUs containing R-22 refrigerant will continue with ongoing efforts to comply with The Environmental Protection Agency (EPA) plan to phase out ozone-depleting substances. This equipment is a critical component to the indoor air quality of the jail.

On April 28, 2020, the Commissioners Court through Court Order #132694, approved a request for qualification (RFQ 2019-225) for HVAC test, adjust, balance, and professional services for various Tarrant County projects granting approval for the Facilities Management Department and Purchasing Department to utilize the selected firms for indefinite quantities of work, as outlined in the RFQ, at the hourly rates in the respective rate schedules for each firm. Firms will be issued a Tarrant County purchase order or will be required to sign a contract for individual projects, depending on the type and cost of the work. ABC was one (1) of the firms that received the highest evaluated ratings from the evaluation committee as having qualifications to meet the County's needs for indefinite quantities of work as outlined in the RFQ.

The purpose of this contract is for ABC to provide project inspector service; testing, adjusting and balancing services and commissioning services at the Green Bay Jail as follows:

1.1 Project Inspector:

- a. Construction Administration Assistance
- b. Installation oversight

1.2 Testing, Balancing, and Commissioning

1.3 Jail Standard Smoke Evacuation Testing

SUBMITTED BY:	Facilities Management	PREPARED BY: APPROVED BY:	Joshua B. Palmer Michael Amador
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This project furthers the County's initiative to mitigate the spread of COVID-19 by meeting Centers for Disease Control and Prevention (CDC), and ASHRAE guidelines for outdoor air ventilation and recirculated air filtration. Both the CDC and ASHRAE recommend that the outside air ventilation rate be increased for all public use areas. The new HVAC equipment will utilize improved filtration at a higher Minimum Efficiency Reporting Value that will trap airborne contaminants at a much higher rate than the existing equipment.

The Criminal District Attorney's Office has reviewed this as to form.

FISCAL IMPACT

The fiscal impact is \$132,740.00.

This item has been recommended or approved for ARPA/FRF funding.