


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	19-201	Meeting:	May 6, 2019
	Agenda Item:	6B	Roll Call:	19-0694
	Submitted by:	James M. Hoff, Facilities Manager and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: Police Academy Firing Range Heating, Ventilation, and Air Conditioning (HVAC) Improvements - Receiving bids, (5-21-19), and Setting date of hearing, (6-3-19). Construction Estimate - \$400,000.

SYNOPSIS:

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project provides for the installation of an environmentally controlled air system that maintains temperature and humidity to the police academy firing range area.

FISCAL IMPACT:

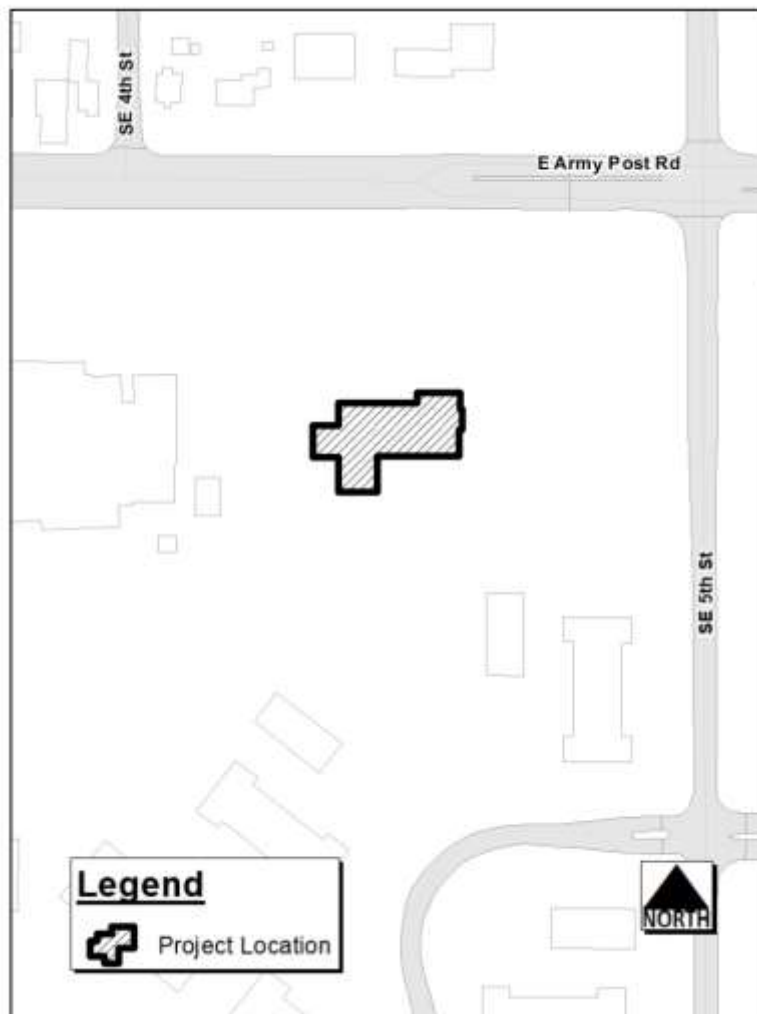
Amount: \$400,000 (City engineer's estimate)

Funding Source: 2019-2020 CIP, Page Building - 9, HVAC, Electrical, and Plumbing Improvements, BL074, G.O. Bonds to be issued.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Police Academy Firing Range HVAC Improvements, 04-2018-004. The improvement includes the installation of an environmentally controlled air system that maintains temperature and humidity to the police academy firing range area, including HVAC mechanical systems, electrical connections, structural modifications, roof repair, and utility connections; all in accordance with the contract documents, including Plan File Nos. 594-041/046, located at 433 E. Army Post Road.
- The estimated construction cost is \$400,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- On March 25, 2019, City Council rejected all bids, which exceeded the engineer's estimate, on the Police Academy Firing Range HVAC Improvements and closed the hearing on the plans, specifications, form of contract documents, and engineer's estimate. An alternate design has been completed that is expected to be substantially less expensive than the design previously bid on February 26, 2019. Revisions as part of the alternate design that are expected to provide a cost savings include:
 - Change HVAC equipment from ground to roof top units (saves on duct work, screening, exterior pad, and maintenance platform).
 - Utilize three (3) smaller high efficiency HVAC units instead of one (1) large ground mounted unit (saves price of special unit, higher efficiency, qualifies for energy rebates).
 - Changed ceiling, generator power and door installation to City forces (saves contractor from non-mechanical sub for small items).

**PREVIOUS COUNCIL ACTION(S):**

Date: March 25, 2019

Roll Call Number: [19-0518](#)

Action: [On](#) Police Academy Firing Range HVAC Improvements: Reject all bids and close hearing on the plans, specifications, form of contract documents and Engineer's estimate. (Two bids received, both over estimate). ([Council Communication No. 19-134](#)) Moved by Gatto to adopt. Motion Carried 6-1. Absent: Coleman.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, approval of contract and bond, partial payments to the contractor and final acceptance of work.

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