



1459 Washington St.  
Muscatine, IA 52761-5040  
(563) 263-8933  
Fax (563) 263-2127

**Public Works**

City Transit  
263-8152

MEMORANDUM

Equipment Maintenance  
Roadway Maintenance  
Collection & Drainage  
Building & Grounds  
Engineering

To: Mayor and City Council Members  
CC: Gregg Mandsager, City Administrator  
FROM: Brian Stineman, Public Works Director  
DATE: January 31, 2017  
RE: Resolution Approving Contract for Public Safety Building HVAC Improvement.

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**INTRODUCTION:**

Cooling of the Public Safety Building has been an issue in the past and especially this summer. A study by A&J Associates PC found that the geothermal well field is not sufficient to cool the building during extreme temperature events.

**BACKGROUND:**

During the November 7, 2016 City Council meeting the Council approved Option A presented by A&J Associates PC which includes all labor and equipment necessary to supply and install a 20-ton air cooled chiller. This option also includes spare motors to expedite repairs in the event of a malfunction of the unit. Since that meeting Building & Grounds Staff determined that insufficient heating is an issue in the Apparatus Floor of the building and insufficient cooling has remained an issue in the Dispatch Center. A&J Associates PC was requested to provide plans and specifications to make improvements to these two areas and alternative bid items #2 and #3 were included with the base bid for the HVAC improvements.

Two bids were received and opened on January 26, 2017. Bid tabulations have been attached for review. The low bidder was Crawford Company with a total package bid of \$164,678.

**RECOMMENDATION/RATIONALE:**

It is the recommendation of the Public Works Department that Council approve the bid and sign the contract with Crawford Company for the amount of \$164,678. Funds for this work are available in the Building & Grounds Deferred Maintenance Budget.

**BACKUP INFORMATION:**

Cost estimate supplied by A&J Associates PC

**"I remember Muscatine for its sunsets. I have never seen any  
on either side of the ocean that equaled them" — Mark Twain**

**RESOLUTION NO. \_\_\_\_\_**

**AWARD CONTRACT FOR  
PUBLIC SAFETY BUILDING  
ADDITIONAL COOLING CAPACITY PROJECT**

It is resolved that the following bid is determined to be the lowest responsible bid for the Public Safety Building Additional Cooling Capacity Project.

<u>NAME &amp; ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Crawford Company 1306 Mill Street Rock Island, IL 61201	\$164,678.00

It is further resolved that the Public Safety Building Additional Cooling Capacity Project is awarded to the above named contractor for \$164,678.00, and the Mayor and City Clerk are authorized and directed to enter into a written contract with said contractor covering the furnishing of material for, and construction of the Public Safety Building Additional Cooling Capacity Project, such contract not to be binding until approved by resolution of this Council.

It is further resolved that the amount of the contractor's bond is fixed at \$164,678.00, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 2<sup>nd</sup> DAY OF FEBRUARY, 2017.

\_\_\_\_\_  
Diana Broderson, Mayor

ATTEST:

\_\_\_\_\_  
Gregg Mandsager, City Administrator

# TABULATION OF BIDS



365 BEAVER KREEK  
CENTRE, SUITE B  
NORTH LIBERTY, IA 52317  
(319) 626-4719 voice  
(319) 626-4941 fax

PROJECT NAME: Public Safety Building Additional Cooling Capacity  
City of Muscatine

A&J PROJ. NO.: 201644.01

PAGE 1 OF 1

DATE OF BID 01/26/2017

NAME AND LOCATION OF BIDDER	A&J's Estimate Range -Median	Crawford Co.	Hometown Plumbing		
ADDENDUM No. 1		Acknowledged	Acknowledged		
ADDENDUM No. 2		Acknowledged	Acknowledged		
BASE BID	\$ 74,800.00	\$ 106,138.00	\$ 133,400.00		
ALTERNATE #1	\$ 2,750.00	\$ 2,790.00	\$ 2,000.00		
ALTERNATE #2	\$ 31,150.00	\$ 36,750.00	\$ 51,660.00		
ALTERNATE #3	\$ 16,600.00	\$ 19,000.00	\$ 27,700.00		
Bidder Status Form		Yes	Yes		
BID BOND		5%	5%		
MECHANICAL SUBCONTRACTOR		Crawford Co.	Hometown Plumbing		
ELECTRICAL SUBCONTRACTOR		Advantage Electric	Shaw Electric		

## TABULATION OF BIDS

Bid Scenario	Crawford Bid	Hometown Bid	Difference Between Low and High Bid
Base Bid Only	\$ 106,138.00	\$ 133,400.00	\$ 27,262.00
Base Bid + Alternate #1	\$ 108,928.00	\$ 135,400.00	\$ 26,472.00
Base Bid + Alternate #1 + Alternate #2	\$ 145,678.00	\$ 187,060.00	\$ 41,382.00
Base Bid + Alternate #1 + Alternate #3	\$ 127,928.00	\$ 163,100.00	\$ 35,172.00
Base Bid + Alternate #1 + Alternate #2 + Alternate #3	\$ 164,678.00	\$ 214,760.00	\$ 50,082.00
Base Bid + Alternate #2	\$ 142,888.00	\$ 185,060.00	\$ 42,172.00
Base Bid + Alternate #2 + Alternate #3	\$ 161,888.00	\$ 212,760.00	\$ 50,872.00
Base Bid + Alternate #3	\$ 125,138.00	\$ 161,100.00	\$ 35,962.00