



**City Hall, 215 Sycamore St.  
Muscatine, IA 52761-3840  
(563) 262-4141  
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**COMMUNITY DEVELOPMENT**

**Planning,  
Zoning,  
Building Safety,  
Construction Inspection Services,  
Public Health,  
Housing Inspections,  
Code Enforcement**

**To:** Mayor and City Council Members  
**Cc:** Gregg Mandsager, City Administrator  
**From:** Steven Boka, Director of Community Development  
**Date:** September 12, 2013  
**Re:** T-Hangar Apron Drainage Improvements  
Resolution Approving Low Bid & Awarding Contract & Bond

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**INTRODUCTION:** On July 18, 2013, the City entered into a Grant Agreement with the State IDOT to fund the improvements identified as the Airport T-Hangar Apron Drainage Project. On August 1, 2013, City Council acted upon a resolution to approve the Plans, specifications, form of contract, cost estimate, and establishing a bid opening date of September 9, 2013 for the project.

**BACKGROUND:** The T-Hangar Drainage Improvements Project will include removing an existing French drain system and installing storm sewer intakes, storm sewer, and an outlet upstream of a proposed septic system manhole or existing oil/water separator. The existing clogged French drain system has no outlet and stands full of water, which leads to dangerous icy conditions in front of the existing t-hangar in the late winter/early spring.

**RECOMMENDATION/RATIONALE:** Bids were opened and evaluated on September 9<sup>th</sup>. The bid tabulation has been attached for City Council consideration. It is recommended that City Council approve the attached resolution accepting the low bid of \$117,708.04, awarding the contract and approving the bond for the Project identified as T-Hangar Apron Drainage Improvements to Muscatine Bridge Company, Inc. of Muscatine.

1. Resolution
2. Bid Tabulation
3. Engineers Recommendation
4. Bond

Prepared by Steven Boka, 215 Sycamore St. – Muscatine IA 52761 – (563) 262-4141

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

**A RESOLUTION ACCEPTING THE LOW BID, AWARDING THE  
CONTRACT AND APPROVING THE BOND FOR MUNICIPAL  
AIRPORT PROJECT IDENTIFIED AS “T-HANGAR APRON  
DRAINAGE IMPROVEMENTS”.**

**(IDOT Project #91140MUT100)**

**WHEREAS**, the City Council for the City of Muscatine, Iowa, has authorized the preparation of plans and specifications, form of contract, cost estimate, and established a bid opening date for improvements at the Muscatine Municipal Airport identified as “T-Hangar Apron Drainage Improvements”, further identified as IDOT Project #91140MUT100; IDOT Contract #15256; and

**WHEREAS**, the City opened bids for said project on September 9, 2013; and

**WHEREAS**, the City Council for the City of Muscatine, Iowa, determined that the following bid is the lowest responsible bid:

<b><u>CONTRACTOR NAME &amp; ADDRESS</u></b>	<b><u>AMOUNT OF BID</u></b>
<b>Muscatine Bridge Co., Inc. P.O. Box 950 Muscatine, Iowa 52761</b>	<b>\$117,708.04</b>

**NOW, THEREFORE, BE IT RESOLVED** by the City Council for the City of Muscatine, Iowa that the “T-Hangar Apron Drainage Improvements” Project further identified as IDOT Project #91140MUT100; IDOT Contract #15256 is hereby accepted and the contract awarded to **Muscatine Bridge Company, Inc.** for **\$117,708.04**.

**BE IT FURTHER RESOLVED** that the bond for the Project is hereby accepted and approved as submitted.

**PASSED, APPROVED, AND ADOPTED** by the City Council for the City of Muscatine, Iowa, on this, the 19th day of September, 2013.

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DeWayne Hopkins, Mayor

ATTEST:

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Gregg Mandsager, City Clerk

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## TABULATION OF BIDS

T-HANGAR APRON DRAINAGE IMPROVEMENTS  
MUSCATINE MUNICIPAL AIRPORT  
CITY OF MUSCATINE, IOWA

LETTING DATE: 9/09/2013

LETTING TIME: 10:00 A.M.

CONSULTING ENGINEER: <b>ANDERSON-BOGERT Engineers and Surveyors, Inc. 4001 River Ridge Dr. N.E. Cedar Rapids, IA 52402</b>				Muscatine Bridge Co., Inc. Muscatine, IA		Hagerty Earthworks, LLC Muscatine, IA		Triple B Construction Wilton, IA		
ITEM DESCRIPTION			QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Excavation, Cl 10, Roadway and Borrow		1	LS	\$2,250.00	\$2,250.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
2.	Topsoil: Strip, Salvage, and Spread		165	CY	\$5.00	\$825.00	\$1.00	\$165.00	\$5.00	\$825.00
3.	Subgrade Preparation		1027	SY	\$1.25	\$1,283.75	\$3.00	\$3,081.00	\$2.00	\$2,054.00
4.	Compaction Testing		1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00
5.	HMA Base		1018	SY	\$24.88	\$25,327.84	\$24.88	\$25,327.84	\$26.00	\$26,468.00
6.	HMA Surface		1018	SY	\$10.25	\$10,434.50	\$10.25	\$10,434.50	\$11.00	\$11,198.00
7.	HMA Pavement Samples and Testing		1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
8.	Removal of Existing Intakes		1	LS	\$2,350.00	\$2,350.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00
9.	Intake SW-511		9	EACH	\$1,750.00	\$15,750.00	\$2,150.00	\$19,350.00	\$2,100.00	\$18,900.00
10.	Storm Sewer Manhole		4	EACH	\$2,100.00	\$8,400.00	\$2,250.00	\$9,000.00	\$2,500.00	\$10,000.00
11.	Storm Sewer, RCP, 15", Cl III		821	LF	\$36.70	\$30,130.70	\$44.00	\$36,124.00	\$30.00	\$24,630.00
12.	Removal of Pavement		1018	SY	\$5.00	\$5,090.00	\$5.00	\$5,090.00	\$8.00	\$8,144.00
13.	Construction Survey		1	LS	\$1,650.00	\$1,650.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
14.	Painted Pavement Markings, Waterborne		135	LF	\$5.00	\$675.00	\$14.00	\$1,890.00	\$6.00	\$810.00
15.	Mobilization		1	LS	\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00	\$11,550.00	\$11,550.00
16.	HydroSeeding, Fertilizing, and Mulching		0.15	ACRE	\$7,000.00	\$1,050.00	\$10,000.00	\$1,500.00	\$8,000.00	\$1,200.00
17.	Silt Fence: Install, Clean, and Remove		305	LF	\$3.25	\$991.25	\$3.00	\$915.00	\$3.00	\$915.00
	<b>TOTAL BID</b>					<b>\$117,708.04</b>		<b>\$122,877.34</b>		<b>\$129,494.00</b>

\*corrections made by Consulting Engineer shown in italics

## TABULATION OF BIDS

**T-HANGAR APRON DRAINAGE IMPROVEMENTS**  
**MUSCATINE MUNICIPAL AIRPORT**  
**CITY OF MUSCATINE, IOWA**

LETTING DATE: 9/09/2013

LETTING TIME: 10:00 A.M.

CONSULTING ENGINEER:				Smith Seeding Eldridge, IA		Brandt Construction Co. Milan, IL		Hometown Plumbing & Heating Davenport, IA		
ITEM DESCRIPTION			QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Excavation, Cl 10, Roadway and Borrow		1	LS	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$4,247.00	\$4,247.00
2.	Topsoil: Strip, Salvage, and Spread		165	CY	\$4.00	\$660.00	\$11.25	\$1,856.25	\$6.50	\$1,072.50
3.	Subgrade Preparation		1027	SY	\$6.00	\$6,162.00	\$2.15	\$2,208.05	\$2.50	\$2,567.50
4.	Compaction Testing		1	LS	\$2,000.00	\$2,000.00	\$1,675.00	\$1,675.00	\$5,320.00	\$5,320.00
5.	HMA Base		1018	SY	\$24.88	\$25,327.84	\$22.00	\$22,396.00	\$32.00	\$32,576.00
6.	HMA Surface		1018	SY	\$10.25	\$10,434.50	\$22.00	\$22,396.00	\$13.55	\$13,793.90
7.	HMA Pavement Samples and Testing		1	LS	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$2,250.00	\$2,250.00
8.	Removal of Existing Intakes		1	LS	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$13,930.00	\$13,930.00
9.	Intake SW-511		9	EACH	\$4,000.00	\$36,000.00	\$2,015.00	\$18,135.00	\$2,946.00	\$26,514.00
10.	Storm Sewer Manhole		4	EACH	\$4,000.00	\$16,000.00	\$2,525.00	\$10,100.00	\$2,664.00	\$10,656.00
11.	Storm Sewer, RCP, 15", Cl III		821	LF	\$25.00	\$20,525.00	\$46.50	\$38,176.50	\$53.56	\$43,972.76
12.	Removal of Pavement		1018	SY	\$8.00	\$8,144.00	\$10.50	\$10,689.00	\$2.95	\$3,003.10
13.	Construction Survey		1	LS	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00	\$2,975.00	\$2,975.00
14.	Painted Pavement Markings, Waterborne		135	LF	\$3.00	\$405.00	\$5.75	\$776.25	\$15.85	\$2,139.75
15.	Mobilization		1	LS	\$7,500.00	\$7,500.00	\$9,800.00	\$9,800.00	\$9,660.00	\$9,660.00
16.	HydroSeeding, Fertilizing, and Mulching		0.15	ACRE	\$10,000.00	\$1,500.00	\$10,000.00	\$1,500.00	\$2,500.00	\$375.00
17.	Silt Fence: Install, Clean, and Remove		305	LF	\$3.00	\$915.00	\$3.00	\$915.00	\$5.00	\$1,525.00
	<b>TOTAL BID</b>					<b>\$150,573.34</b>		<b>\$157,323.05</b>		<b>\$176,577.51</b>

\*corrections made by Consulting Engineer shown in italics



4001 River Ridge Drive NE  
Cedar Rapids, IA 52402  
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September 12, 2013

Mr. Steven Boka  
Director of Community Development  
City of Muscatine  
215 Sycamore Street  
Muscatine, Iowa 52761

**RE: IDOT Project #9I140MUT100; IDOT Contract #15256  
T-Hangar Apron Drainage Improvements  
Muscatine Municipal Airport  
Anderson Bogert Recommendation of Award of Contract**

Dear Mr. Boka:

Anderson-Bogert would like to recommend the apparent low bidder, Muscatine Bridge Co., Inc., with a total bid of **\$117,708.04** be awarded the contract for this project. We have thoroughly evaluated the bid by the apparent low bidder and have determined this bidder to be responsive and responsible and that the contract price is considered fair and reasonable. In addition, Muscatine Bridge submitted the required bid attachments, which included the Targeted Small Business Pre-Bid Contact Information Sheet.

In regards to funding, the agreement with the state indicates a maximum state share not-to-exceed **\$143,200**. Using Muscatine Bridge's bid, the state share totals **\$103,124.58**, which is well under the maximum allowed amount. The following table shows a funding breakdown.

Construction	\$117,708.04
Engineering	\$3,615.00
<b>Total</b>	<b>\$121,323.04</b>
<b>State Share (85%)</b>	<b>\$103,124.58</b>
City Share (15%)	\$18,198.46

Let us know if you have any questions, comments, or concerns.

Sincerely,  
Anderson Bogert

Jayne C. DeCoste, P.E.