

## COMMUNITY DEVELOPMENT

### MEMORANDUM

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

**To:** Mayor and City Council Members  
**Cc:** Gregg Mandsager, City Administrator  
Dave Gobin, Community Development Director  
**From:** Adam Thompson, Community Development Coordinator  
**Date:** May 24, 2016  
**Re:** Airport Electrical Upgrade Project - IDOT Project No. 9I160MUT100 –  
Resolution accepting completed work and authorizing final payment.

**Introduction & Background:** The City of Muscatine received funding from the Iowa DOT to upgrade airport runway electrical. The City of Muscatine continues to utilize Anderson-Bogert Engineers & Surveyors, Inc, for design and consultant services at the Muscatine Municipal Airport.

Following the preparations of plans and specifications, the project was bid and a contract was awarded to Voltmer, Inc., in the amount of \$39,269.080. Three (3) change orders were approved totaling \$17,531.81 bringing the project total to \$56,800.81. The project was completed in May 2016.

A previous payment of \$44,064.80 was made to Voltmer, Inc. The current final payment totals \$9,895.97. The amount of the 5% retainage totals \$2,840.04 and will be released 30 days after approval of the resolution approving final payment.

Project total is as follows:

|                             |                    |
|-----------------------------|--------------------|
| Grant Funds Available       | \$60,000           |
| Contract Amount             | \$39,269           |
| Change Order #1             | \$11,715           |
| Deduct from Change Order #1 | (\$4,100)          |
| Change Order #2             | \$9,450            |
| Change Order #3             | \$466.81           |
| <b>Total Project Cost</b>   | <b>\$56,800.81</b> |
| <b>Amount Remaining</b>     | <b>\$3,199.19</b>  |

**RECOMMENDATION/RATIONALE:** On May 24, 2016, the City was notified by the project engineer from Anderson-Bogert Engineers and Surveyors that all work has been completed and is ready for final acceptance by the City. It is recommended that the City Council take action to approve the attached resolution accepting final work and authorizing the final payment to Voltmer, Inc. for the work performed on Airport Electrical Upgrade Project #91160MUT100.

1. Resolution
2. Engineers Recommendation

# MEMORANDUM

CITY OF MUSCATINE

## MEMORANDUM

City of Muscatine  
 100 North 2nd Street  
 Muscatine, Iowa 52090  
 Phone: 319.261.1000  
 Fax: 319.261.1001  
 Website: www.ci.muscatine.ia.us

**Re:** Airport Electrical Upgrade Project - DOT Project No. 9158MUT100 - Resolution accepting completed work and authorizing final payment.

**Date:** May 24, 2016

**From:** Adam Thompson, Community Development Coordinator

**To:** Mayor and City Council Members  
 Greg Mandegar, City Administrator  
 Dave Gobin, Community Development Director

**Introduction & Background:** The City of Muscatine received funding from the Iowa DOT to upgrade airport runway electrical. The City of Muscatine continues to utilize Anderson-Bogert Engineers & Surveyors, Inc. for design and consultant services at the Muscatine Municipal Airport.

Following the preparation of plans and specifications, the project was bid and a contract was awarded to Volmer, Inc. in the amount of \$39,200.080. Three (3) change orders were approved totaling \$17,531.81 bringing the project total to \$56,731.89. The project was completed in May 2016.

A previous payment of \$44,684.80 was made to Volmer, Inc. The current final payment totals \$9,808.91. The amount of the 5% retainage totals \$2,840.04 and will be released 30 days after approval of the resolution approving final payment.

Project total is as follows:

|             |                             |
|-------------|-----------------------------|
| \$2,199.19  | Amount Remaining            |
| \$26,300.81 | Total Project Cost          |
| \$468.81    | Change Order #3             |
| \$9,450     | Change Order #2             |
| (\$4,100)   | Deduct from Change Order #1 |
| \$11,715    | Change Order #1             |
| \$39,200    | Contract Amount             |
| \$80,000    | Grant Funds Available       |

**RECOMMENDATION/RATIONALE:** On May 24, 2016, the City was notified by the project engineer from Anderson-Bogert Engineers and Surveyors that all work has been completed and is ready for final acceptance by the City. It is recommended that the City Council take action to approve the attached resolution accepting final work and authorizing the final payment to the contractor for the work performed on Airport Electrical Upgrade Project #9158MUT100.

1. Resolution
2. Engineers Recommendation

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

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER  
IDOT PROJECT NO. 91160MUT100 – Upgrade Airport Electrical System Project**

**WHEREAS**, the City of Muscatine approved the Plans, Specifications, and Form of Contract for IDOT Project No. 91160MUT100 – Upgrade Airport Electrical System Project for the Muscatine Municipal Airport; and

**WHEREAS**, the City of Muscatine entered into a contract for said project with Voltmer, Inc. for \$39,269.00 with three (3) change orders totaling \$17,531.81 for a total construction cost of \$56,800.81; and

**WHEREAS**, the City of Muscatine previously made one (1) payment of \$44,064.80 to Voltmer, Inc. for completed work; and

**WHEREAS**, work under said contract has been completed by Voltmer, Inc., and approved and accepted by Anderson-Bogert Engineers & Surveyors, engineers for the City as having met the requirements of the Plans and Specifications adopted by this Council; and

**WHEREAS**, the amount of \$9,895.97 is now due and payable to Voltmer, Inc., leaving a retainage of \$2,840.04 which is due and payable to Voltmer, Inc., thirty (30) days of approval of this Resolution,

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA**, that the City hereby accepts all work under the IDOT Project No. 91160MUT100, Upgrade Airport Electrical System Project and hereby authorizes that payment be made to Muscatine Bridge Co., Inc., for \$9,895.97.

**BE IT FURTHER RESOLVED** that the final retainage payment of \$2,840.04, which represents 5% of project total, be paid to Voltmer, Inc., thirty (30) days from the date of the adoption of this Resolution.

**PASSED, APPROVED, AND ADOPTED** this 2nd day of June, 2016.

CITY COUNCIL OF THE CITY OF  
MUSCATINE, IOWA

ATTEST:

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

\_\_\_\_\_  
Gregg Mandsager, City Clerk

TABULATION OF CONSTRUCTION QUANTITIES FOR VOLTMER INC.

PROJECT: UPGRADE AIRPORT ELECTRICAL SYSTEM

MUSCATINE MUNICIPAL AIRPORT

PAY APPLICATION NO. 2

ORIGINAL CONTRACT AMOUNT: \$39,269.00

REVISED CONTRACT AMOUNT: \$56,800.81

PERIOD: 5/20/2016

| ITEM NO. | ITEM DESCRIPTION                                | UNIT | QUANTITY | COST/UNIT   | PREVIOUS |                    | THIS PERIOD |                    | TOTAL TO DATE |                    |
|----------|---|------|----------|-------------|----------|--------------------|-------------|--------------------|---------------|--------------------|
|          |   |      |          |             | QUANTITY | AMOUNT             | QUANTITY    | AMOUNT             | QUANTITY      | AMOUNT             |
| 1        | Ground PAPIs                                    | EACH | 2        | \$4,000.00  | 2        | \$8,000.00         |             | \$0.00             | 2             | \$8,000.00         |
| 2        | Ground REILs                                    | EACH | 2        | \$1,900.00  | 2        | \$3,800.00         |             | \$0.00             | 2             | \$3,800.00         |
| 3        | Ground Panel Service                            | LS   | 1        | \$2,200.00  | 1        | \$2,200.00         |             | \$0.00             | 1             | \$2,200.00         |
| 4        | Panel Surge Protection                          | LS   | 1        | \$1,400.00  | 1        | \$1,400.00         |             | \$0.00             | 1             | \$1,400.00         |
| 5        | Remove Existing Regulator                       | EACH | 2        | \$600.00    | 2        | \$1,200.00         |             | \$0.00             | 2             | \$1,200.00         |
| 6        | Supply and Install New Regulator                | EACH | 1        | \$11,440.00 | 1        | \$11,440.00        |             | \$0.00             | 1             | \$11,440.00        |
| 7        | Install Spare Regulator                         | EACH | 1        | \$1,500.00  | 1        | \$1,500.00         |             | \$0.00             | 1             | \$1,500.00         |
| 8        | Mobilization                                    | LS   | 1        | \$6,329.00  | 1        | \$6,329.00         |             | \$0.00             | 1             | \$6,329.00         |
| 9        | Seed and Fertilize                              | LS   | 1        | \$3,400.00  | 1        | \$3,400.00         |             | \$0.00             | 1             | \$3,400.00         |
|          | <b>Subtotal (Total Bid)</b>                     |      |          |             |          | <b>\$39,269.00</b> |             | <b>\$0.00</b>      |               | <b>\$39,269.00</b> |
| 10       | Test Runway 12/30 Circuit                       | LS   | 1        | \$2,000.00  | 1        | \$2,000.00         |             | \$0.00             | 1             | \$2,000.00         |
| 11       | Test Taxiway B                                  | LS   | 1        | \$2,000.00  | 1        | \$2,000.00         |             | \$0.00             | 1             | \$2,000.00         |
| 13       | Remove and Replace Contactor                    | LS   | 1        | \$635.00    | 1        | \$635.00           |             | \$0.00             | 1             | \$635.00           |
| 14       | Provide/Install Series Cutouts                  | EACH | 4        | \$620.00    | 4        | \$2,480.00         |             | \$0.00             | 4             | \$2,480.00         |
| 15       | Mobilization #2                                 | LS   | 1        | \$500.00    |          | \$0.00             | 1           | \$500.00           | 1             | \$500.00           |
| 16       | Remove and Replace Transformer                  | EACH | 21       | \$300.00    |          | \$0.00             | 21          | \$6,300.00         | 21            | \$6,300.00         |
| 17       | Remove and Replace Connector                    | EACH | 21       | \$150.00    |          | \$0.00             | 21          | \$3,150.00         | 21            | \$3,150.00         |
| 18       | Troubleshoot REIL/Provide and Install Contactor | LS   | 1        | \$466.81    |          | \$0.00             | 1           | \$466.81           | 1             | \$466.81           |
|          | <b>Subtotal Change Order Items (10-18)</b>      |      |          |             |          | <b>\$7,115.00</b>  |             | <b>\$10,416.81</b> |               | <b>\$17,531.81</b> |
|          |   |      |          |             |          |                    |             |                    |               |                    |
|          |   |      |          |             |          | <b>\$46,384.00</b> |             | <b>\$10,416.81</b> |               | <b>\$56,800.81</b> |
|          |   |      |          |             |          |                    |             |                    |               |                    |
|          |   |      |          |             |          | <b>-\$2,319.20</b> |             | <b>-\$520.84</b>   |               | <b>-\$2,840.04</b> |
|          |   |      |          |             |          |                    |             |                    |               |                    |
|          |   |      |          |             |          | <b>\$44,064.80</b> |             | <b>\$9,895.97</b>  |               | <b>\$53,960.77</b> |



STATEMENT OF COMPLETION AND FINAL ACCEPTANCE OF WORK
AIRPORT PROJECTS

Contract Number: 17458

Project Number: 91160MUT100

Airport Name: Muscatine Municipal Airport

Airport Sponsor: City of Muscatine

Type of Project: Airport Improvement Project
(Vertical Infrastructure or Airport Improvement Project)

Description of Project:

UPGRADE AIRPORT ELECTRICAL SYSTEM - Install surge protection, grounding grid, & series cutouts; replace regulator; test Runway 12/30 & Taxiway B Circuit; remove & replace contactors, transformers, and connectors.

This project has been completed in substantial compliance with the project plans, specifications, the project agreement and the laws of the State of Iowa and the ordinances of the city or county where the work was performed. Final acceptance of the project is recommended.

Signature: [Handwritten Signature]
Project Engineer or Project Manager

Date: May 23, 2016

This project is accepted on behalf of the city/aviation authority/airport commission. By signing below, the sponsor representative verifies that the project was completed in substantial compliance with the terms and conditions of the agreement with the Iowa DOT, and that the project was completed following all applicable laws of the State of Iowa.

Name: Adam J. Thompson

Title: Community Development Coordinator

Signature: [Handwritten Signature]
Sponsor Representative

Date: 5/24/16

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Office of Aviation Program Manager

Return form to:

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, IA 50010

Attn.: Program Manager
E-mail: kay.thede@dot.iowa.gov
FAX: 515-233-7983
515-239-1048



Thompson, Adam <athompson@muscatineiowa.gov>

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## Airport Electrical Pay App #2 + IDOT Statement of Completion and Final Acceptance of Work

1 message

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Jayne DeCoste <jdecoste@anderson-bogert.com>  
To: "Thompson, Adam" <athompson@muscatineiowa.gov>

Tue, May 24, 2016 at 8:20 AM

Adam,

1. In accordance with the Contract Documents, based on on-site observations and the data comprising pay application #2, I certify that to the best of my knowledge, information, and belief the Work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the following amount .....\$9,895.97. Please refer to attached Pay Application #2 for further details.

2. I have attached the IDOT statement of completion and final acceptance of work.

Let me know if you have any questions or need anything else to closeout this project.

Thanks.

Jayne DeCoste

**ANDERSON  BOGERT**

4001 River Ridge Drive NE, Cedar Rapids, IA 52402

jdecoste@anderson-bogert.com | www.anderson-bogert.com

319.377.4629 Office

319.377.8498 Fax

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2 attachments

 **Muscatine Airport Electrical Pay app # 2 5-20-16.pdf**  
90K

 **stmt compl & final accept MUT Electrical.pdf**  
849K