

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

**AWARD FOR THE CONSTRUCTION OF A NEW HANGAR APRON**

WHEREAS, the City Council of the City of Muscatine, Iowa has before it, the bid tab for the construction of a new hangar apron at Muscatine Airport; and

WHEREAS, 85% of project costs will be funded from an IDOT Department of Aviation Grant; and

WHEREAS, the lowest responsive, responsible bid was received from Heuer Construction in the amount of \$186,239.

NOW, THEREFORE, be it resolved by this Council to:

Award this Contract to Heuer Construction, Inc. for the amount of the bid.

PASSED, APPROVED, AND ADOPTED THIS 18<sup>TH</sup> DAY OF OCTOBER 2018

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

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

ATTEST:

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

Date: October 14, 2018  
To: Mayor and City Council  
From: Dave Gobin, Community Development Director  
CC: Gregg Mandsager, City Administrator

Re: AWARD FOR HANGAR APRON CONSTRUCTION

Introduction and Background: Based on the bids received at bid opening, October 10<sup>th</sup>, 2018, for the hangar apron construction project at Muscatine Airport we have a lowest responsive bid, by the lowest responsible bidder, Heuer Construction for \$186,239.00.

The Iowa DOT Aviation Division has awarded up to \$203,567 for this project. Project costs will include engineering. This construction will run concurrently with the hangar building construction to start this Fall.

Recommendation: Staff hereby requests City Council award the bid to Heuer Construction per the attached resolution for the new hangar apron construction project. Staff will return to City Council with a final contract and bond for approval at the next regular meeting.

#### Documentation

1. Bid Tabulation

**MUSCATINE MUNICIPAL AIRPORT****Construct Taxilane and Apron****MUSCATINE, IA****TABULATION OF BIDS****October 10, 2018 at 10:00 A.M. CDST**Bolton & Menk, Inc.  
Cedar Rapids, Iowa

| Line No. | Description                                     | Unit | Quantity | Engineer's Opinion of Probable Cost |              | Heuer Construction Muscatine, IA |              | Muscatine Bridge Co Muscatine, IA |              | Triple B Construction Wilton, IA |              |
|----------|-------------------------------------------------|------|----------|-------------------------------------|--------------|----------------------------------|--------------|-----------------------------------|--------------|----------------------------------|--------------|
|          |                                                 |      |          | Unit Price                          | Amount       | Unit Price                       | Amount       | Unit Price                        | Amount       | Unit Price                       | Amount       |
| BASE BID |                                                 |      |          |                                     |              |                                  |              |                                   |              |                                  |              |
| 1        | TRAFFIC CONTROL                                 | LS   | 1        | \$ 2,500.00                         | \$ 2,500.00  | \$ 3,500.00                      | \$ 3,500.00  | \$ 1,200.00                       | \$ 1,200.00  | \$ 3,500.00                      | \$ 3,500.00  |
| 2        | CONSTRUCTION STAKING                            | LS   | 1        | \$ 5,000.00                         | \$ 5,000.00  | \$ 1,200.00                      | \$ 1,200.00  | \$ 1,500.00                       | \$ 1,500.00  | \$ 4,000.00                      | \$ 4,000.00  |
| 3        | MOBILIZATION                                    | LS   | 1        | \$ 15,000.00                        | \$ 15,000.00 | \$ 9,500.00                      | \$ 9,500.00  | \$ 8,200.00                       | \$ 8,200.00  | \$ 12,000.00                     | \$ 12,000.00 |
| 4        | TOPSOIL, ON-SITE                                | CY   | 2,480    | \$ 6.00                             | \$ 14,880.00 | \$ 4.50                          | \$ 11,160.00 | \$ 7.00                           | \$ 17,360.00 | \$ 3.60                          | \$ 8,928.00  |
| 5        | EXCAVATION, CLASS 12                            | CY   | 510      | \$ 10.00                            | \$ 5,100.00  | \$ 11.00                         | \$ 5,610.00  | \$ 6.00                           | \$ 3,060.00  | \$ 15.00                         | \$ 7,650.00  |
| 6        | SUBGRADE PREPARATION                            | SY   | 2,098    | \$ 3.00                             | \$ 6,294.00  | \$ 1.50                          | \$ 3,147.00  | \$ 1.50                           | \$ 3,147.00  | \$ 2.25                          | \$ 4,720.50  |
| 7        | SUBBASE, MODIFIED SUBBASE, FURNISH & PLACE      | SY   | 2,098    | \$ 8.00                             | \$ 16,784.00 | \$ 9.00                          | \$ 18,882.00 | \$ 8.00                           | \$ 16,784.00 | \$ 7.50                          | \$ 15,735.00 |
| 8        | SANITARY SEWER GRAVITY MAIN, TRENCHED PVC, 8"   | LF   | 305      | \$ 60.00                            | \$ 18,300.00 | \$ 33.50                         | \$ 10,217.50 | \$ 46.00                          | \$ 14,030.00 | \$ 40.00                         | \$ 12,200.00 |
| 9        | SANITARY SEWER FORCE MAIN, TRENCHED PVC, 2"     | LF   | 169      | \$ 25.00                            | \$ 4,225.00  | \$ 16.50                         | \$ 2,788.50  | \$ 24.00                          | \$ 4,056.00  | \$ 18.00                         | \$ 3,042.00  |
| 10       | GRINDER PUMP, COMPLETE, IN PLACE                | LS   | 1        | \$ 12,000.00                        | \$ 12,000.00 | \$ 5,850.00                      | \$ 5,850.00  | \$ 9,000.00                       | \$ 9,000.00  | \$ 11,000.00                     | \$ 11,000.00 |
| 11       | WATER MAIN, TRENCHED, DUCTILE IRON, 8"          | LF   | 11       | \$ 100.00                           | \$ 1,100.00  | \$ 160.00                        | \$ 1,760.00  | \$ 110.00                         | \$ 1,210.00  | \$ 150.00                        | \$ 1,650.00  |
| 12       | WATER SERVICE, PVC, 2"                          | LF   | 195      | \$ 5.00                             | \$ 975.00    | \$ 16.00                         | \$ 3,120.00  | \$ 20.00                          | \$ 3,900.00  | \$ 8.00                          | \$ 1,560.00  |
| 13       | TAPPING VALVE ASSEMBLY, 8"                      | EA   | 1        | \$ 3,000.00                         | \$ 3,000.00  | \$ 5,150.00                      | \$ 5,150.00  | \$ 3,850.00                       | \$ 3,850.00  | \$ 5,000.00                      | \$ 5,000.00  |
| 14       | TAPPING VALVE ASSEMBLY, 2"                      | EA   | 1        | \$ 2,000.00                         | \$ 2,000.00  | \$ 1,400.00                      | \$ 1,400.00  | \$ 1,500.00                       | \$ 1,500.00  | \$ 1,500.00                      | \$ 1,500.00  |
| 15       | FIRE HYDRANT ASSEMBLY                           | EA   | 1        | \$ 4,000.00                         | \$ 4,000.00  | \$ 4,500.00                      | \$ 4,500.00  | \$ 3,800.00                       | \$ 3,800.00  | \$ 4,500.00                      | \$ 4,500.00  |
| 16       | MANHOLE, TYPE SW-401, 48"                       | EA   | 1        | \$ 2,500.00                         | \$ 2,500.00  | \$ 3,400.00                      | \$ 3,400.00  | \$ 4,200.00                       | \$ 4,200.00  | \$ 3,900.00                      | \$ 3,900.00  |
| 17       | CONNECTION TO EXISTING MANHOLE                  | EA   | 1        | \$ 500.00                           | \$ 500.00    | \$ 500.00                        | \$ 500.00    | \$ 900.00                         | \$ 900.00    | \$ 1,100.00                      | \$ 1,100.00  |
| 18       | PAVEMENT, PCC, 6"                               | SY   | 1,955    | \$ 44.00                            | \$ 86,020.00 | \$ 42.00                         | \$ 82,110.00 | \$ 42.50                          | \$ 83,087.50 | \$ 38.00                         | \$ 74,290.00 |
| 19       | PAVEMENT REMOVAL                                | SY   | 70       | \$ 20.00                            | \$ 1,400.00  | \$ 8.00                          | \$ 560.00    | \$ 20.00                          | \$ 1,400.00  | \$ 1.00                          | \$ 70.00     |
| 20       | CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING | ACRE | 1.0      | \$ 4,000.00                         | \$ 4,000.00  | \$ 3,000.00                      | \$ 3,000.00  | \$ 1,800.00                       | \$ 1,800.00  | \$ 5,400.00                      | \$ 5,400.00  |
| 21       | SWPPP PREPARATION                               | LS   | 1        | \$ 1,000.00                         | \$ 1,000.00  | \$ 1,500.00                      | \$ 1,500.00  | \$ 500.00                         | \$ 500.00    | \$ 1,000.00                      | \$ 1,000.00  |
| 22       | SWPPP MANAGEMENT                                | LS   | 1        | \$ 2,000.00                         | \$ 2,000.00  | \$ 1,500.00                      | \$ 1,500.00  | \$ 500.00                         | \$ 500.00    | \$ 1,500.00                      | \$ 1,500.00  |

**MUSCATINE MUNICIPAL AIRPORT****Construct Taxilane and Apron****MUSCATINE, IA****TABULATION OF BIDS****October 10, 2018 at 10:00 A.M. CDST**

Bolton &amp; Menk, Inc.

Cedar Rapids, Iowa

| Line No.           | Description                                | Unit | Quantity | Engineer's Opinion of Probable Cost |             | Heuer Construction Muscatine, IA |             | Muscatine Bridge Co Muscatine, IA |             | Triple B Construction Wilton, IA |             |
|--------------------|--------------------------------------------|------|----------|-------------------------------------|-------------|----------------------------------|-------------|-----------------------------------|-------------|----------------------------------|-------------|
|                    |                                            |      |          | Unit Price                          | Amount      | Unit Price                       | Amount      | Unit Price                        | Amount      | Unit Price                       | Amount      |
| BASE BID (CONT'D.) |                                            |      |          |                                     |             |                                  |             |                                   |             |                                  |             |
| 23                 | SILT FENCE OR SILT FENCE DITCH CHECK       | LF   | 100      | \$ 3.50                             | \$ 350.00   | \$ 3.00                          | \$ 300.00   | \$ 3.50                           | \$ 350.00   | \$ 5.00                          | \$ 500.00   |
| 24                 | REMOVE EXISTING NDB                        | LS   | 1        | \$ 3,000.00                         | \$ 3,000.00 | \$ 2,500.00                      | \$ 2,500.00 | \$ 800.00                         | \$ 800.00   | \$ 1,500.00                      | \$ 1,500.00 |
| 25                 | PAVEMENT MARKING, SOLID YELLOW, WITH BEADS | SF   | 257      | \$ 6.00                             | \$ 1,542.00 | \$ 4.00                          | \$ 1,028.00 | \$ 6.00                           | \$ 1,542.00 | \$ 9.00                          | \$ 2,313.00 |
| 26                 | PAVEMENT MARKING, BLACK OUTLINE, NO BEADS  | SF   | 514      | \$ 5.00                             | \$ 2,570.00 | \$ 4.00                          | \$ 2,056.00 | \$ 4.50                           | \$ 2,313.00 | \$ 9.00                          | \$ 4,626.00 |
| BASE BID TOTAL     |                                            |      |          | \$ 216,040.00                       |             | \$ 186,239.00                    |             | \$ 189,989.50                     |             | \$ 193,184.50                    |             |



Highlighted Cell Indicates Math Error or Discrepancy Between Submitted Bid and Tabulation - Correct Total Shown

I hereby certify that this is a true and correct tabulation of bids received and opened on October 10, 2018 for the "Construct Taxilane and Apron" project at the Muscatine Municipal Airport, Muscatine, Iowa.

Carl L. Byers, P.E.

Iowa Reg. No. 12845

**MUSCATINE MUNICIPAL AIRPORT****Construct Taxilane and Apron****MUSCATINE, IA****TABULATION OF BIDS****October 10, 2018 at 10:00 A.M. CDST****Bolton & Menk, Inc.****Cedar Rapids, Iowa**

| Line No. | Description                                     | Unit | Quantity | S.G. Construction<br>W. Burlington, IA |              | Langman Construction<br>Rock Island, IL |              |  |  |  |  |
|----------|-------------------------------------------------|------|----------|----------------------------------------|--------------|-----------------------------------------|--------------|--|--|--|--|
|          |                                                 |      |          | Unit Price                             | Amount       | Unit Price                              | Amount       |  |  |  |  |
| BASE BID |                                                 |      |          |                                        |              |                                         |              |  |  |  |  |
| 1        | TRAFFIC CONTROL                                 | LS   | 1        | \$ 2,420.00                            | \$ 2,420.00  | \$ 2,200.00                             | \$ 2,200.00  |  |  |  |  |
| 2        | CONSTRUCTION STAKING                            | LS   | 1        | \$ 3,300.00                            | \$ 3,300.00  | \$ 1,500.00                             | \$ 1,500.00  |  |  |  |  |
| 3        | MOBILIZATION                                    | LS   | 1        | \$ 11,942.00                           | \$ 11,942.00 | \$ 87,000.00                            | \$ 87,000.00 |  |  |  |  |
| 4        | TOPSOIL, ON-SITE                                | CY   | 2,480    | \$ 8.75                                | \$ 21,700.00 | \$ 6.45                                 | \$ 15,996.00 |  |  |  |  |
| 5        | EXCAVATION, CLASS 12                            | CY   | 510      | \$ 16.50                               | \$ 8,415.00  | \$ 21.00                                | \$ 10,710.00 |  |  |  |  |
| 6        | SUBGRADE PREPARATION                            | SY   | 2,098    | \$ 1.65                                | \$ 3,461.70  | \$ 3.60                                 | \$ 7,552.80  |  |  |  |  |
| 7        | SUBBASE, MODIFIED SUBBASE, FURNISH & PLACE      | SY   | 2,098    | \$ 8.47                                | \$ 17,770.06 | \$ 9.50                                 | \$ 19,931.00 |  |  |  |  |
| 8        | SANITARY SEWER GRAVITY MAIN, TRENCHED PVC, 8"   | LF   | 305      | \$ 33.83                               | \$ 10,318.15 | \$ 40.00                                | \$ 12,200.00 |  |  |  |  |
| 9        | SANITARY SEWER FORCE MAIN, TRENCHED PVC, 2"     | LF   | 169      | \$ 16.66                               | \$ 2,815.54  | \$ 34.20                                | \$ 5,779.80  |  |  |  |  |
| 10       | GRINDER PUMP, COMPLETE, IN PLACE                | LS   | 1        | \$ 7,700.00                            | \$ 7,700.00  | \$ 8,965.00                             | \$ 8,965.00  |  |  |  |  |
| 11       | WATER MAIN, TRENCHED, DUCTILE IRON, 8"          | LF   | 11       | \$ 102.00                              | \$ 1,122.00  | \$ 87.50                                | \$ 962.50    |  |  |  |  |
| 12       | WATER SERVICE, PVC, 2"                          | LF   | 195      | \$ 14.35                               | \$ 2,798.25  | \$ 52.00                                | \$ 10,140.00 |  |  |  |  |
| 13       | TAPPING VALVE ASSEMBLY, 8"                      | EA   | 1        | \$ 4,802.00                            | \$ 4,802.00  | \$ 3,248.00                             | \$ 3,248.00  |  |  |  |  |
| 14       | TAPPING VALVE ASSEMBLY, 2"                      | EA   | 1        | \$ 1,155.00                            | \$ 1,155.00  | \$ 800.00                               | \$ 800.00    |  |  |  |  |
| 15       | FIRE HYDRANT ASSEMBLY                           | EA   | 1        | \$ 3,311.00                            | \$ 3,311.00  | \$ 3,200.00                             | \$ 3,200.00  |  |  |  |  |
| 16       | MANHOLE, TYPE SW-401, 48"                       | EA   | 1        | \$ 3,920.00                            | \$ 3,920.00  | \$ 3,500.00                             | \$ 3,500.00  |  |  |  |  |
| 17       | CONNECTION TO EXISTING MANHOLE                  | EA   | 1        | \$ 1,375.00                            | \$ 1,375.00  | \$ 1,000.00                             | \$ 1,000.00  |  |  |  |  |
| 18       | PAVEMENT, PCC, 6"                               | SY   | 1,955    | \$ 41.86                               | \$ 81,836.30 | \$ 41.00                                | \$ 80,155.00 |  |  |  |  |
| 19       | PAVEMENT REMOVAL                                | SY   | 70       | \$ 14.63                               | \$ 1,024.10  | \$ 27.90                                | \$ 1,953.00  |  |  |  |  |
| 20       | CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING | ACRE | 1.0      | \$ 6,050.00                            | \$ 6,050.00  | \$ 5.00                                 | \$ 5.00      |  |  |  |  |
| 21       | SWPPP PREPARATION                               | LS   | 1        | \$ 1,650.00                            | \$ 1,650.00  | \$ 10,000.00                            | \$ 10,000.00 |  |  |  |  |
| 22       | SWPPP MANAGEMENT                                | LS   | 1        | \$ 550.00                              | \$ 550.00    | \$ 5,000.00                             | \$ 5,000.00  |  |  |  |  |

**MUSCATINE MUNICIPAL AIRPORT****Construct Taxilane and Apron****MUSCATINE, IA****TABULATION OF BIDS****October 10, 2018 at 10:00 A.M. CDST**

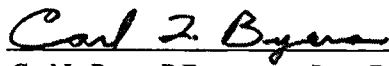
Bolton &amp; Menk, Inc.

Cedar Rapids, Iowa

| Line No.           | Description                                | Unit | Quantity | S.G. Construction<br>W. Burlington, IA |             | Langman Construction<br>Rock Island, IL |              |            |        |            |        |
|--------------------|--------------------------------------------|------|----------|----------------------------------------|-------------|-----------------------------------------|--------------|------------|--------|------------|--------|
|                    |                                            |      |          | Unit Price                             | Amount      | Unit Price                              | Amount       | Unit Price | Amount | Unit Price | Amount |
| BASE BID (CONT'D.) |                                            |      |          |                                        |             |                                         |              |            |        |            |        |
| 23                 | SILT FENCE OR SILT FENCE DITCH CHECK       | LF   | 100      | \$ 11.00                               | \$ 1,100.00 | \$ 5.00                                 | \$ 500.00    |            |        |            |        |
| 24                 | REMOVE EXISTING NDB                        | LS   | 1        | \$ 1,925.00                            | \$ 1,925.00 | \$ 10,000.00                            | \$ 10,000.00 |            |        |            |        |
| 25                 | PAVEMENT MARKING, SOLID YELLOW, WITH BEADS | SF   | 257      | \$ 4.63                                | \$ 1,189.91 | \$ 7.75                                 | \$ 1,991.75  |            |        |            |        |
| 26                 | PAVEMENT MARKING, BLACK OUTLINE, NO BEADS  | SF   | 514      | \$ 4.70                                | \$ 2,415.80 | \$ 7.75                                 | \$ 3,983.50  |            |        |            |        |
| BASE BID TOTAL     |                                            |      |          | \$ 206,066.81                          |             | \$ 308,273.35                           |              |            |        |            |        |

☐ Highlighted Cell Indicates Math Error or Discrepancy Between Submitted Bid and Tabulation - Correct Total Shown

I hereby certify that this is a true and correct tabulation of bids received and opened on October 10, 2018 for the "Construct Taxilane and Apron" project at the Muscatine Municipal Airport, Muscatine, Iowa.



Carl L. Byers, P.E.

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