



City Hall, 215 Sycamore St.  
Muscatine, IA 52761-3840  
(563) 262-4141  
Fax (563) 262-4142

---

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 18, 2015

**Re:** Main Runway 6/24 Reconstruction Project – RESOLUTION APPROVING THE PLANS, SPECIFICATIONS, FORM OF CONTRACT, COST ESTIMATE, AND ESTABLISHING A BID OPENING DATE

---

**Introduction:** The City of Muscatine received funding from the FAA to complete pre-design and final design of the Main Runway 6/24 Reconstruction Project. The City of Muscatine continues to utilize Anderson Bogert Engineers & Surveyors, Inc., for design and consultant services at the Muscatine Municipal Airport.

**BACKGROUND:** The Runway Reconstruction Project continues to move forward with the support of FAA partners and the Muscatine City Council. Anderson Bogert has successfully completed design and is ready for consideration. The public hearing will be held May 21, 2015, at 7:00 p.m. Bid opening date is recommended to be set for June 19, 2015, at 10:00 a.m. City staff continues to work closely with Anderson Bogert as well as with its state and federal partners.

The initial pre-application cost estimate for the reconstruction of runway 6/24 was estimated at \$4.22 million. The pre-application cost estimate was based on tearing out and replacing of runway 6/24 with the same geometric layout on the 1994 Terracon report. The updated bid cost estimate is \$4.83 million. The increase in the estimate is due primarily to the increase in scope to include part of the taxiway that includes the new FAA designed turnaround, new runway signage due in part to new FAA geometric layouts, and updated Terracon recommendations for underdrains. Including part of the taxiway in this project will lower the scope of work for the FYE17 taxiway 6/24 reconstruction project. Additional details on the increase in the runway reconstruction project bid cost estimate are below:

1. The pavement removal/pavement replacement quantity increased by 10%, after the pre application, to cover the new FAA geometry requirements for the turnaround. (\$318,270)

2. Temporary seeding, as suggested by the City Engineer. We have not used this item on past projects at the Muscatine Airport and may not actually use it. It will depend on the timing. (\$8,000)

3. We did not anticipate any culvert replacement at the time of the pre-application. However, upon review of the culvert videos completed at the beginning of the design phase, we found one that needed to be replaced. (\$16,500)

4. Underdrain – Terracon did not recommend underdrain in their 1993/1994 report for runway 6/24. However, they are recommending underdrain with their updated report. The Terracon recommendation was received after the pre application. (\$132,250)

5. Excelsior Blanket – Updated FAA regional modifications states this item is funding eligible along the runway; therefore, we have added it to help control erosion, as erosion has been a problem in the past. (\$9,842)

6. Light Relocation due to new FAA pavement geometric requirements at each intersection. (\$24,330)

7. Sign replacement – Current signs are recommended to be replaced. These are unrelated to pavement replacement and not included in the pre-application. (In addition, three signs have to be moved due to the new FAA pavement geometric requirements. The relocated signs required the construction of new mounting pads and electrical systems.) (\$119,500)

8. Culvert inlet protection – added at the request of the City to prevent further siltation of the culverts. (\$10,000)

From the items listed above, the total increase from the pre-application estimate to the updated bid estimate is \$638,692.

To allow for more flexibility, a separate bid schedule for the turnaround and taxiway pavement beyond the runway safety area on the 24 side (Northeast end of the main runway) is being created. If bids come in high, we have the ability to remove that area from this project and add it to the future taxiway project. *A ballpark estimate of the improvements in that area is about \$450,000.*

Based on what was budgeted for this project and the updated cost estimate, the local match has increased approximately \$62,449. FAA is supportive of the increase and will fund their 90% portion of the increase (approximately \$562,000). The project cost estimate is only an estimate; the final project total included in the grant application is based on the bid price. City staff continues to work with Anderson Bogert and FAA partners discussing strategies to reduce the project costs.

**RECOMMENDATION/RATIONALE:** It is recommended that City Council approve the resolution approving the plans, specifications, form of contract, cost estimate, and setting bid opening date related to the Reconstruction of Main Runway 6/24

## 1. Resolution

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

**RESOLUTION SETTING APPROVING THE PLANS, SPECIFICATIONS,  
FORM OF CONTRACT, COST ESTIMATE, AND ESTABLISHING A BID  
OPENING DATE RELATED TO THE RECONSTRUCTION OF MAIN  
RUNWAY 6/24 AT THE MUSCATINE MUNICIPAL AIRPORT  
(FAA PROJECT AIP No. 3-19-0063-020)**

**WHEREAS**, the City Council has for the City of Muscatine, Iowa, undertaken several improvement projects at the Muscatine Municipal Airport; and

**WHEREAS**, the City of Muscatine has received approval to proceed with the preparation of specifications, cost estimate, form of contract and establish a bid opening date related to the reconstruction of main runway 6/24; and

**WHEREAS**, the City of Muscatine, on June 5<sup>th</sup>, entered into a contract with Anderson Bogert for engineering services to design, prepare plans, specifications, and bid documents for the Runway 6/24 Reconstruction Project; and

**WHEREAS**, Anderson Bogert has completed design and has developed plans and specifications; and

**WHEREAS**, the cost of the runway reconstruction project is estimated at \$4.84 Million and will be paid through 90% federal funding (\$4.36 Million) and 10% local funding (\$484,000); and

**WHEREAS**, a public hearing concerning the plans, specifications, cost estimate, and establish a bid opening date was held May 21, 2015, at 7:00 p.m.;

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA**, approves the plans, specifications, cost estimate, form of contract, and establish a bid opening date for the Reconstruction of Main Runway 6/24 at the Muscatine Municipal Airport, also known as “**FAA Project AIP No. 3-19-0063-020**”. Said bid opening date is set for June 19, 2015, at 10:00 a.m.

**PASSED, APPROVED, AND ADOPTED** this 21st day of May, 2015.

CITY COUNCIL OF THE CITY OF  
MUSCATINE, IOWA

ATTEST:

\_\_\_\_\_  
DeWayne Hopkins, Mayor

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

# NOTICE TO BIDDERS

City of Muscatine, Iowa  
Muscatine Municipal Airport  
AIP Project No.: 3-19-0063-020

Sealed bids subject to the conditions and provisions presented herein will be received by the Owner until 10:00 A.M. C.S.T., on Friday, June 19, 2015, and then publicly opened and read at City of Muscatine, Iowa, City Council Chambers (2<sup>nd</sup> Floor of City Hall), for furnishing all labor, materials, and equipment and performing all work necessary to: Reconstruct Runway 6/24 and Associated Taxiways.

Copies of the bid documents including project drawings and technical specifications are on file and may be inspected at:

City of Muscatine  
City Hall  
215 Sycamore Street  
Muscatine, IA 52761

CMD  
Document Processing Center  
30 Technology Pkwy S, Ste 500  
Norcross, GA 30092-2912

Construction Update Network  
Email: mbiplanroom-  
dsm@mbionline.com  
Phone: 515-288-7339

BidClerk  
28 N. Clark Street, Ste. 450  
Chicago IL 60602

North Iowa Builders Exchange  
9 North Federal Ave  
Mason City, IA 50401

McGraw Hill Construction Dodge  
4300 Beltway Place, Ste. 180  
Arlington TX 76018

Dodge Plan Room  
3315 Central Avenue  
Hot Springs, AR 71913

Reed Construction Data  
Document Processing Center  
30 Technology Pkwy S, Ste 500  
Norcross, GA 30092-2912

iSqFt + BidClerk  
Attn: Reprography  
4500 Lake Forest Dr, Ste. 502  
Cincinnati OH 45242

Copies of the Bidding Documents may be obtained only through Rapids Reproductions via their website at <http://dfs.rapidsrepro.com> (select "PUBLIC PLANROOM"); by phone at 319-364-2473; or in person at 6015 Huntington Ct NE, Cedar Rapids IA, 52402, or at any of their other five locations, in accordance with the Instructions to Bidders. No deposit will be required for the documents.

The Owner will conduct a prebid conference for this project at 11:00 A.M., Monday, June 8, 2015, at the Muscatine Municipal Airport, 5701 S. Hwy 61, Muscatine, Iowa, 52761.

**Contract Work Items:** This project will involve the following estimated work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change.

1. Mobilization	1	L.S.
2. Traffic Control	1	L.S.
3. Construction Surveying	1	L.S.
4. Unclassified Excavation	6,200	C.Y
5. Pavement Removal	79,125	S.Y.
6. Temporary Seeding	16	Acre
7. Silt Fence	10,608	L.F.
8. Engineering Fabric	85,402	S.Y.
9. Crushed Aggregate or Recycled Concrete Aggregate Base Course	85,402	S.Y.
10. 6" PCC Taxiway Pavement (North of RW 6/24 only)	1,461	S.Y.
11. 8" PCC Pavement	78,534	S.Y.

12. Runway and Taxiway Marking	81,633	S.F.
13. Saw-Cut Grooves	45,833	S.Y.
14. 18", Class III RCP	300	L.F.
15. Flared End Section - 18" RCP	1	Each
16. 4" PVC Pipe Underdrain	11,550	L.F.
17. 4" PVC Pipe Underdrain Cleanouts	30	Each
18. Underdrain Outlets	7	Each
19. Culvert Inlet Protection	5	Each
20. Seeding	16	Acre
21. Excelsior Blanket	4,921	S.Y.
22. Topsoiling	1,483	C.Y.
23. Underground Power Cable Installed in Conduit	3,893	L.F.
24. Counterpoise Wire	3,893	L.F.
25. 1" HDPE Conduit	3,568	L.F.
26. Runway and Taxiway Signs - Install New Base/New Sign	2	Each
27. Runway and Taxiway Signs - Install New Base/Reuse Existing Sign	1	Each
28. Remove and Relocate Medium Intensity Edge Light with new Base	49	Each
29. Runway and Taxiway Signs - Reuse Existing Base/New Sign	13	Each

#### **Contract Time**

The owner has established a contract performance time of 120 Working Days from the date of the Notice-to-Proceed, broken down as follows: Phase 1: 80 Working Days, Phase 2: 20 Working Days, and Phase 3: 20 Working Days. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed within the project manual.

#### **Bid Security**

Each proposal must be accompanied by a bid guaranty in the amount of five (5) percent of the total amount of the bid. The bid guaranty may be by certified check or bid bond made payable to city of Muscatine, Iowa.

#### **Bonding Requirements**

The successful bidder will be required to furnish separate performance and payment bonds each in the amount equal to 100% of the contract price at the time of contract execution.

#### **Award of Contract**

All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the City of Muscatine for a period not to exceed 120 days from the date of the bid opening for the purpose of conducting the bid evaluation.

The Owner will base the award of contract upon the lowest aggregate sum proposal submitted from those bidders the Owner confirms as being responsive and responsible. The right is reserved, as the City of Muscatine may require, to reject any and all bids and to waive any informality in the bids received.

Prospective Bidders are hereby advised that award of contract is contingent upon the owner receiving Federal funding assistance under the Airport Improvement Program.

#### **Federal Provisions**

This project is subject to the following Federal provisions, statutes and regulations:

Equal Employment Opportunity - Executive Order 11246 and 41 CFR Part 60: The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions. The successful Bidder shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin.

Goals for Minority and Female Participation - Executive Order 11246 and 41 CFR Part 60:

1. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Timetables:

Goals for minority participation for each trade: 3.4%

Goals for female participation in each trade: 6.9%

These goals are applicable to all of the contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its Federally involved and non-federally involved construction.

Certification of Nonsegregated Facilities – 41 CFR Part 60: A certification of Nonsegregated Facilities must be submitted prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

Contractors receiving federally assisted construction contract awards exceeding \$10,000, which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of the notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Disadvantaged Business Enterprise – 49 CFR Part 26: The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contracts. In accordance with 49 CFR Part 26.45, the sponsor has established a contract goal of 5.75 percent participation for small business concerns owned and controlled by certified socially and economically disadvantaged enterprise (DBE). The bidder shall make and document good faith efforts, as defined in Appendix A of 49 CFR Part 26, to meet this established goal.

Davis-Bacon Act, as amended – 29 CFR Part 5: The Contractor is required to comply with wage and labor provisions and to pay minimum wages in accordance with the current schedule of wage rates established by the United States Department of Labor.

Debarment, Suspension, Ineligibility and Voluntary Exclusion – 49 CFR Part 29: The bidder certifies, by submission of a proposal or acceptance of a contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Individuals or companies listed in the General Services Administration's "Excluded Parties Listing System" will not be considered for award of contract.

Foreign Trade Restriction – 49 CFR Part 30

The Bidder and Bidder's subcontractors, by submission of an offer and/or execution of a contract, is required to certify that it:

- a. Is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. Has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. Has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Buy American Certificate – Aviation Safety and Capacity Act of 1990:

This contract is subject to the "Buy American Preferences" of the Aviation Safety and Capacity Act of 1990. Per Title 49 U.S.C. Section 50101, all steel and manufactured products installed under an AIP assisted project must be produce in the United States unless the Federal Aviation Administration has granted a formal waiver.

As a condition of bid responsiveness, Bidders must complete and submit as part of their proposal the enclosed Buy American certification. Bidder must indicate whether it intends to meet Buy America preferences by only installing steel and manufactured products produced with the United State of America; or if it intends to seek a permissible waiver to the Buy America requirements.

**Additional Provisions**

Modification to the project documents may only be made by written addendum as issued by the Owner or Owner's authorized Representative.

The bidder's proposal must be made on the forms provided within the bound project manual. Bidders must supply all required information prior to the time of bid opening.

**Submittal of Proposals**

Additional information and instruction for submittal of a proposal are provided within the Instructions-to-Bidders. Envelopes containing bids must be sealed and addressed to:

**City of Muscatine, Iowa  
City Hall  
215 Sycamore Street  
Muscatine, IA 52761**

The upper left hand corner of the sealed envelope must identify the following information:

**CONTRACT PROPOSAL**

Bid of {Name of Contractor}

for construction improvements at Muscatine Municipal Airport

AIP Project No. : 3-19-0063-020

To be opened at: 10:00 A.M., C.S.T., Friday, June 19, 2015