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COMMUNITY DEVELOPMENT

MEMORANDUM

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

To: Mayor and City Council Members
From: Jodi Royal-Goodwin, Community Development Director
Cc: Greg Jenkins, Interim City Administrator
Date: May 21, 2020
Re: **Resolution to Award Contract for the Reconstruction of Taxiway A**

INTRODUCTION: The reconstruction of Taxiway A was adopted as the first priority on the Muscatine Municipal Airport's 5-Year Capital Improvement Plan (CIP) approved by the Federal Aviation Administration (FAA). This project is anticipated to be funded by the FAA in FY2021. As required by the FAA, the City has completed project design and specifications and solicited bids. Staff is recommending award of the contract to Langman Construction Inc.

BACKGROUND: The City of Muscatine and the Airport Advisory Commission have developed a 5-Year CIP approved by FAA. The City has been notified by FAA staff that the full reconstruction of Taxiway A has been approved for construction beginning this fall. Ninety percent of eligible expenses are covered by the FAA grant, but prior to grant execution project design and bidding must be complete. The total estimated cost of the project was \$2,781,097.

In December, Council approved Work Order 4 for the professional services contract with Bolton & Menk to complete the project design and preparation of bid documents. The plans, specifications, form of contract and estimated project costs were presented to City Council for approval at the April 16 meeting following the public hearing and bids and specifications were made available to potential bidders April 17.

Six bids were received and reviewed by Bolton & Menk. All bidders were determined to be responsive, with the bid from Langman Construction being the lowest. There are two exceptions to be considered.

1) Of the 6 bidders, 4 met the established Disadvantaged Business Enterprise (DBE) goal (4.8%) for the project, while the low bidder had 3.4%, slightly more than 70% of the goal. Carl Byers with Bolton & Menk reviewed the bidder's "good-faith efforts" to include DBE contractors/suppliers and is satisfied with those efforts. Carl Byers discussed this with the FAA representative who said it is the City's decision to determine a good-faith effort was made. This program is taken seriously, creating a culture where DBE subcontractors and suppliers understand that the City makes efforts to enforce this.

2) A 2019 change by FAA created a 10% cap on the line item for mobilization. Two bidders, including the low bidder, exceeded this cap. This oversight does not appear to have provided a competitive advantage for Langman. When Bolton & Menk discussed this issue with FAA they did not feel there would be an issue waiving this limit, especially since this project has significant mobilization costs due to the phasing issues.

It is recommended the City waive both minor irregularities and award the project to Langman Construction for \$2,497,660.30, subject to FAA concurrence.

Typically FAA funded projects require shared funding, with the FAA portion being 90% and the City covering 10% of project costs. Under cost sharing it was anticipated the City's portion of the project costs would be paid for with a future bond issuance. However, additional funding was made available through the Coronavirus Aid, Relief, and Economic Security (CARES) Act and FAA is anticipating covering 100% of CIP projects.

RECOMMENDATION: Staff recommends adoption of the attached resolution awarding the contract for the reconstruction of Taxiway A at the Muscatine Municipal Airport to Langman Construction Inc. out of Rock Island, Illinois.

Supporting Documents

1. Resolution
2. Bid Tabulation

RESOLUTION NO. 2020-0178

**AWARD CONTRACT FOR
RECONSTRUCTION OF TAXIWAY A PROJECT**

WHEREAS, the City Council of the City of Muscatine, Iowa has heretofore granted preliminary approval of the Reconstruction of the Taxiway A project; and

WHEREAS, a public hearing on the plans, specifications, form of contract and cost estimates for the proposed project was held as required by state law; and

WHEREAS, the proposed project is to be paid for out of funds legally available for that purpose;

NOW, THEREFORE, be it resolved by the Council that:

- 1) The following bid is determined to be the lowest responsive bid:

<u>NAME & ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Langman Constuction Inc. 220 34 th Ave Rock Island, IL 61201	\$2,497,660.30

- 2) Contract award is subject to concurrence by FAA and receipt of an FAA grant funding the project.

PASSED, APPROVED, AND ADOPTED THIS 21st DAY OF May, 2020

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

Diana Broderson, Mayor

ATTEST

Greg Jenkins, Interim City Administrator

City of Muscatine
Taxway A Rehabilitation
Muscatine, IA

TABULATION OF BIDS
Bid Letting Date May 1, 2020 @ 2:00 P.M.



309 E 5th Street
Suite 202
Des Moines, IA 50309-1781

Ph: (515) 259-9190
Fax: (515) 223-4420
Bolton-Menk.com

Line No.	Description	Unit	Quantity	Bolton & Menk, Inc		Langman Construction, Inc.		JB Holland Construction, Inc.		Brandt Construction, Co.		Hever Construction, Inc		E & F Paving Co., LLC		Metro Pavers, Inc	
				Engineer's Estimate		Rock Island, IL		Decorah, IA		Milan, IL		Wauwatosa, WI		Cedar Rapids, IA		Iowa City, IA	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SURVEY	LS	1	\$10,000.00	\$10,000.00	\$4,500.00	\$4,500.00	\$13,750.00	\$13,750.00	\$8,000.00	\$8,000.00	\$17,600.00	\$17,600.00	\$30,000.00	\$30,000.00	\$13,200.00	\$13,200.00
2	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LS	1	\$15,000.00	\$15,000.00	\$41,000.00	\$41,000.00	\$66,850.00	\$66,850.00	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$14,500.00	\$14,500.00
3	INSTALLATION AND REMOVAL OF SILT FENCE	LF	12000	\$2.50	\$30,000.00	\$1.55	\$18,600.00	\$2.20	\$26,400.00	\$1.65	\$19,800.00	\$2.10	\$25,200.00	\$1.50	\$18,000.00	\$1.50	\$18,000.00
4	MOBILIZATION	LS	1	\$70,000.00	\$70,000.00	\$486,535.00	\$486,535.00	\$210,000.00	\$210,000.00	\$250,000.00	\$250,000.00	\$265,000.00	\$265,000.00	\$375,000.00	\$375,000.00	\$244,000.00	\$244,000.00
5	TRAFFIC CONTROL	LS	1	\$7,500.00	\$7,500.00	\$3,600.00	\$3,600.00	\$7,100.00	\$7,100.00	\$19,171.50	\$19,171.50	\$3,600.00	\$3,600.00	\$16,936.25	\$16,936.25	\$3,600.00	\$3,600.00
6	SWPPP PREPARATION	LS	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$1,250.00	\$1,250.00
7	SWPPP MANAGEMENT	LS	1	\$5,000.00	\$5,000.00	\$100.00	\$100.00	\$4,750.00	\$4,750.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$4,750.00	\$4,750.00
8	PAVEMENT REMOVAL	SY	27850	\$4.00	\$111,400.00	\$3.25	\$90,517.50	\$3.00	\$83,550.00	\$5.00	\$139,250.00	\$3.00	\$83,550.00	\$3.00	\$83,550.00	\$9.60	\$267,360.00
9	REMOVE TAXWAY EDGE LIGHT	EA	97	\$250.00	\$24,250.00	\$248.05	\$24,060.85	\$370.00	\$31,040.00	\$305.00	\$29,585.00	\$772.86	\$26,467.42	\$810.00	\$30,070.00	\$910.00	\$30,070.00
10	REMOVE TAXWAY GUIDANCE SIGN	EA	7	\$15,000.00	\$10,500.00	\$1,118.33	\$7,828.31	\$555.00	\$3,885.00	\$1,375.00	\$9,625.00	\$1,230.16	\$8,611.12	\$555.00	\$3,745.00	\$555.00	\$3,745.00
11	TOPSOILING (OBTAINED ON SITE OR REMOVED FROM STOCKPILE)	CY	8925	\$7.00	\$62,475.00	\$4.00	\$35,700.00	\$5.00	\$44,625.00	\$10.00	\$89,250.00	\$5.00	\$44,625.00	\$5.00	\$44,625.00	\$9.60	\$85,980.00
12	UNCLASSIFIED EXCAVATION	CY	6000	\$5.00	\$30,000.00	\$6.00	\$36,000.00	\$8.00	\$48,000.00	\$10.00	\$60,000.00	\$8.00	\$48,000.00	\$8.00	\$48,000.00	\$13.90	\$83,400.00
13	RECYCLED CONCRETE AGGREGATE BASE COURSE, 6 IN. THICK	SY	30000	\$8.00	\$240,000.00	\$7.25	\$217,500.00	\$7.40	\$222,000.00	\$4.00	\$120,000.00	\$7.30	\$219,000.00	\$7.30	\$219,000.00	\$5.60	\$168,000.00
14	SEPERATION GEOTEXTILE	SY	33168	\$3.00	\$99,504.00	\$0.80	\$26,534.40	\$2.00	\$66,336.00	\$1.00	\$33,168.00	\$2.00	\$66,336.00	\$2.00	\$66,336.00	\$2.70	\$89,553.60
15	CRUSHED AGGREGATE BASE COURSE, 6 IN. THICK	SY	3168	\$12.00	\$38,016.00	\$9.75	\$30,888.00	\$8.75	\$27,720.00	\$9.00	\$28,512.00	\$17.00	\$53,856.00	\$17.00	\$53,856.00	\$10.10	\$31,996.80
16	CONCRETE PAVEMENT, 6 IN. THICK	SY	29138	\$54.00	\$1,573,452.00	\$40.50	\$1,180,089.00	\$48.40	\$1,410,279.20	\$47.00	\$1,369,486.00	\$48.10	\$1,401,537.80	\$45.00	\$1,311,210.00	\$44.75	\$1,303,925.50
17	PAVEMENT MARKING, SOLID YELLOW, WITH BEADS	SF	3370	\$5.00	\$16,850.00	\$3.15	\$10,615.50	\$3.00	\$10,110.00	\$3.50	\$11,795.00	\$2.90	\$9,773.00	\$3.15	\$10,615.50	\$3.15	\$10,615.50
18	PAVEMENT MARKING, BLACK OUTFUNE, NO BEADS	SF	6740	\$3.00	\$20,220.00	\$3.15	\$21,231.00	\$2.30	\$15,502.00	\$3.50	\$23,590.00	\$2.20	\$14,828.00	\$3.15	\$21,231.00	\$3.15	\$21,231.00
19	SEEDING AND FERTILIZING	AC	13.3	\$1,500.00	\$19,950.00	\$965.00	\$12,834.50	\$1,250.00	\$16,625.00	\$1,200.00	\$15,960.00	\$1,200.00	\$15,960.00	\$1,325.00	\$17,622.50	\$1,325.00	\$17,622.50
20	MULCHING	AC	13.3	\$2,500.00	\$33,250.00	\$650.00	\$8,645.00	\$725.00	\$9,642.50	\$800.00	\$10,640.00	\$700.00	\$9,310.00	\$675.00	\$8,977.50	\$675.00	\$8,977.50
21	TRENCHING	LF	11860	\$3.00	\$35,580.00	\$1.90	\$22,534.00	\$1.30	\$15,418.00	\$2.50	\$29,650.00	\$2.00	\$23,720.00	\$1.25	\$14,825.00	\$1.25	\$14,825.00
22	NO. 8 AWG, SKV, L-824, TYPE C CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	12330	\$3.00	\$36,990.00	\$1.49	\$18,371.70	\$1.10	\$13,563.00	\$1.85	\$22,810.50	\$1.64	\$20,221.20	\$1.05	\$12,946.50	\$1.05	\$12,946.50
23	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, INCLUDING GROUND RODS AND GROUND CONNECTORS	LF	11860	\$3.00	\$35,580.00	\$2.99	\$35,461.40	\$1.65	\$19,569.00	\$3.70	\$43,887.00	\$3.29	\$39,019.40	\$1.60	\$18,976.00	\$1.60	\$18,976.00
24	NON-ENCASED ELECTRICAL CONDUIT, 2" PVC/HDPE, IN TRENCH	LF	11860	\$3.00	\$35,580.00	\$2.46	\$29,175.60	\$1.70	\$20,162.00	\$3.00	\$35,580.00	\$2.71	\$32,140.60	\$1.65	\$19,569.00	\$1.65	\$19,569.00
25	CONCRETE ENCASED ELECTRICAL DUCT BANK, WITH (2) 2" CONDUITS	LF	64	\$50.00	\$3,200.00	\$111.04	\$7,106.56	\$38.50	\$2,464.00	\$140.00	\$8,960.00	\$122.14	\$7,816.96	\$37.00	\$2,368.00	\$37.00	\$2,368.00
26	CAN PLAZA	EA	1	\$5,000.00	\$5,000.00	\$7,781.90	\$7,781.90	\$5,000.00	\$5,000.00	\$9,550.00	\$9,550.00	\$8,560.09	\$8,560.09	\$4,790.00	\$4,790.00	\$4,790.00	\$4,790.00
27	ELECTRICAL HANDHOLE, L-867, SIZE B	EA	2	\$700.00	\$1,400.00	\$859.85	\$1,719.70	\$775.00	\$1,550.00	\$1,055.00	\$2,110.00	\$945.84	\$1,891.68	\$750.00	\$1,500.00	\$750.00	\$1,500.00
28	L-861T TAXIWAY EDGE LIGHT, BASE MOUNTED	EA	127	\$1,200.00	\$152,400.00	\$96.20	\$6,428.40	\$1,075.00	\$136,525.00	\$625.00	\$79,375.00	\$590.82	\$69,954.14	\$1,035.00	\$131,445.00	\$1,035.00	\$131,445.00
29	L-858 GUIDANCE SIGN, 3 MODULE, FURNISH & INSTALL	EA	2	\$5,000.00	\$10,000.00	\$4,341.42	\$8,682.84	\$4,150.00	\$8,300.00	\$5,350.00	\$10,700.00	\$4,775.56	\$9,551.12	\$4,005.00	\$8,010.00	\$4,005.00	\$8,010.00
30	L-858 GUIDANCE SIGN, RELOCATE EXISTING, NO CHANGE TO FACES	EA	1	\$3,000.00	\$3,000.00	\$3,136.16	\$3,136.16	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$3,449.78	\$3,449.78	\$2,380.00	\$2,380.00	\$2,380.00	\$2,380.00
31	L-858 GUIDANCE SIGN, RELOCATE EXISTING W. NEW LEGEND FACES	EA	4	\$4,000.00	\$16,000.00	\$4,350.42	\$17,401.68	\$2,915.00	\$11,660.00	\$5,400.00	\$21,600.00	\$4,785.46	\$19,141.84	\$2,810.00	\$11,240.00	\$2,810.00	\$11,240.00
32	L-816T LED TAXIWAY EDGE LIGHT, INSTALL NEW FIXTURE ON EXISTING BASE	EA	30	\$800.00	\$24,000.00	\$740.51	\$22,227.90	\$535.00	\$16,050.00	\$900.00	\$27,000.00	\$815.00	\$24,450.00	\$515.50	\$15,465.00	\$515.50	\$15,465.00
	TOTAL BASE BID:				\$2,781,997.00		\$2,497,660.90		\$2,572,225.70		\$2,589,550.00		\$2,456,738.55		\$2,659,289.25		\$2,664,991.90

Denotes math error on proposal. Correct number reflected on this tabulation.

8-May-20
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