

City of Fayetteville Staff Review Form

2021-0477

Legistar File ID

7/6/2021

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Summer Fallen

6/17/2021

AIRPORT SERVICES (760)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff requests approval for the Aviation Division to apply for a Federal Aviation Administration (FAA) grant in an amount up to \$6,635,840 to fund 100% of the design and construction of the Runway Pavement and Lighting Rehabilitation project at Fayetteville – Drake Field Airport. This project will include mill and overlay of Runway 16-34, construction of a new electrical vault and generator, and improvements to the current airfield lighting and signage system.

Budget Impact:

Account Number		Fund	
Project Number		Project Title	
Budgeted Item?	No	Current Budget	\$ -
		Funds Obligated	\$ -
		Current Balance	\$ -
Does item have a cost?	No	Item Cost	\$ -
Budget Adjustment Attached?	No	Budget Adjustment	\$ -
		Remaining Budget	\$ -

V20210527

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments:



MEETING OF JULY 6, 2021

TO: Lioneld Jordan, Mayor
Fayetteville City Council

THRU: Susan Norton, Chief of Staff

FROM: Summer Fallen, Airport Services Manager

DATE: June 17, 2021

SUBJECT: **FYV Runway Pavement and Lighting Rehabilitation – FAA Grant Application**

RECOMMENDATION:

Staff requests approval for the Aviation Division to apply for a Federal Aviation Administration (FAA) grant in an amount up to \$6,635,840 to fund 100% of the design and construction of the Runway Pavement and Lighting Rehabilitation project at Fayetteville – Drake Field Airport. This project will include mill and overlay of Runway 16-34, construction of a new electrical vault and generator, and improvements to the current airfield lighting and signage system.

BACKGROUND:

Fayetteville-Drake field is served by a single asphalt runway (Runway 16-34) that was extended to its current length in 1966. The runway has seen multiple overlay rehabilitations since that time, with the last overlay completed in 1986. Since that time, the condition of the asphalt pavements has been maintained through a combination of crack sealing and rejuvenating seal coats. This routine maintenance has provided a pavement life far beyond the 20-year design life of the 1986 overlay project. However, the pavement condition has gradually deteriorated to a point that warrants more substantial rehabilitation. A recent pavement condition assessment of the runway completed by the Arkansas Department of Aeronautics noted that the runway pavement was approaching its “Critical PCI”. The Critical PCI is the point at which the cost of rehabilitation increases exponentially with time. This project is intended to provide a pavement rehabilitation alternative that will bring the Runway 16-34 pavement back to a satisfactory condition and extend the useful life of the pavements for a minimum of 20 years.

The project will also include rehabilitation of various aspects of the existing airfield lighting and signage system to improve airport safety and efficiency. Runway edge light fixtures will be upgraded to LED and fixture spacing will be reviewed to confirm conformation to FAA standards. A recent FAA Part 139 inspection found erosion around the existing stake-mounted airfield signage fixtures. This will be addressed by installing new concrete sign foundations to provide a more reliable and maintainable signage system. Airfield signage will be upgraded to LED and naming conventions reviewed based on FAA guidance. A new standalone electrical vault will be constructed to house the airfield lighting power and control equipment. The current vault is located in an existing T-hangar and is not NEC compliant.

This project was originally programmed for Design in 2021 and Construction in 2022. However, in October 2020, the FAA notified the City of Fayetteville that additional federal funds were available in 2021 to complete the entire project (Design and Construction). In order to receive this additional funding, the FAA requested the City of Fayetteville change their project schedule to complete the competitive bidding process by Summer 2021. The Airport entered into an agreement with Garver, LLC to render design and bidding services for the project (Task Order 02). Construction bids were received on June 2, 2021.

DISCUSSION:

Upon receipt of an AIP grant offer from the FAA, the Airport Division will seek approval from Council to execute the grant offer, execute a construction contract with the lowest responsive and responsible bidder, and execute a construction phase services task order with Garver.

The FAA AIP grant program is anticipated to cover 90% of the project costs. The remaining 10% of project costs are anticipated to be funded through the recently passed American Recovery Plan Act of 2021 (ARPA). The only costs that will be attributed to the City for this project is \$1.26 which represents the costs for non-FAA eligible Contractor insurance.

Below is a summary of the anticipated costs and funding breakdown for the project.

Administration and Other Costs:	\$10,000.00	
Garver Task Order 02 (<i>Design and Bidding</i>)*:	\$325,350.00	FAA (AIP): \$5,972,256.00
Garver Task Order 03 (Construction Phase Services):	\$235,000.00	FAA (ARPA): \$663,584.00
<u>Construction Contract:</u>	<u>\$6,065,491.26</u>	<u>City: \$1.26</u>
TOTAL:	\$6,635,841.26	TOTAL: \$6,635,841.26

**Previously approved by the City Council on December 15, 2020.*

BUDGET/STAFF IMPACT:

No budget or staff impacts at this time. Upon receipt of an FAA Grant Offer, the Airport Division will seek approval from Council to execute the grant offer, execute a construction contract with the lowest responsive and responsible bidder, execute a construction phase services task order with Garver, and budget adjustment.

Attachments:

Staff Review Form
FAA Grant Application



Construction Grant Application

Fayetteville – Drake Field (FYV)

Runway Pavement and Lighting Rehabilitation

AIP No. 3-05-0020-050-2021



Prepared For:

**City of Fayetteville and
Fayetteville – Drake Field Airport**

June 2021





**CITY OF
FAYETTEVILLE
ARKANSAS**

June 17, 2021

Federal Aviation Administration
Attn: Mr. Olufemi Adeoye
10101 Hillwood Parkway
Fort Worth, TX 76177

Re: Fayetteville – Drake Field
FYV Runway Pavement and Lighting Rehabilitation
FAA Grant Application (3-05-0020-050-2021)

Dear Mr. Adeoye:

Bids were digitally received for the "FYV Runway Pavement and Lighting Rehabilitation" project through the City's on-line bidding software, Bonfire, at 2:00 pm on Wednesday, June 2, 2021.

Garver has reviewed the bid proposal for compliance with the "Instructions to Bidders". This information includes the following:

- Insurance Coverages (Current Automobile and Liability Insurance)
- Bid Bond
- Proposal (Including Unit Price Schedule)
- Statement of Bidder's Qualifications
- List of Proposed Subcontractors
- DBE Participation Reporting
- Bidder Certification Form

A total of 2 bids were received on the project. Emery Sapp & Sons, Inc. submitted the low bid for the project in the amount of \$6,065,491.26. The Engineer's Opinion of Probable Cost was \$6,000,000.00.

Based on Garver's review, we believe that the base bid submitted by Emery Sapp & Sons, Inc. represents a good value for Fayetteville – Drake Field. Therefore, we request your concurrence in awarding the "FYV Runway Pavement and Lighting Rehabilitation" contract to Emery Sapp & Sons, Inc.

Please call me if you have any questions.

Sincerely,

Summer Fallen
Airport Director
City of Fayetteville

Attachments: Recommendation of Award
Application for Federal Assistance (SF-424)
FAA Form 5100-100
Project Budget
Sponsor Certifications
Record of Negotiations
Approved Engineering Contracts
Exhibit A (Airport Property Map)



4300 South J.B. Hunt Drive
Suite 240
Rogers, AR 72758
TEL 479.257.9188
www.GarverUSA.com

June 17, 2021

Mrs. Summer Fallen
City of Fayetteville
4500 S School Avenue, Suite F
Fayetteville, AR 72701

Re: Fayetteville – Drake Field
FYV Runway Pavement and Lighting Rehabilitation
Recommendation of Award

Dear Mrs. Fallen:

Bids were received digitally for the "FYV Runway Pavement and Lighting Rehabilitation" project through the City's on-line bidding software, Bonfire, at 2:00 pm on Wednesday, June 2, 2021. The bids have been checked for accuracy and for compliance with the contract documents. A tabulation of the bids received is enclosed with this letter.

A total of 2 bids were received on the project. Emery Sapp & Sons, Inc. submitted the low bid for the project in the amount of \$6,065,491.26. The Engineer's Opinion of Probable Cost was \$6,00,000.00.

We believe that the bid submitted by Emery Sapp & Sons, Inc. represents a good value for Fayetteville – Drake Field. Contingent upon award of an FAA grant and City Council approval, we recommend that the construction contract for the "FYV Runway Pavement and Lighting Rehabilitation" project be awarded to Emery Sapp & Sons, Inc.

Please call me if you have any questions.

Sincerely,

GARVER

Adam White, PE
Project Manager

Attachments: Bid Tabulation

**CITY OF FAYETTEVILLE
FYV RUNWAY PAVEMENT AND LIGHTING REHABILITATION
BID TABULATION
BID OPENING: 06/02/2021; 2:00 PM**

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		Emery Sapp & Sons, Inc.		APAC-Central	
					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	SS-120-3.1	Construction Safety and Security	LS	1	\$140,000.00	\$140,000.00	\$132,730.00	\$132,730.00	\$160,000.00	\$160,000.00
2	SS-220-5.1	Pavement Edge Grading	LF	18,020	\$5.00	\$90,100.00	\$4.35	\$78,387.00	\$2.15	\$38,743.00
3	SS-221-5.1	Paving Fabric	SY	104,280	\$3.00	\$312,840.00	\$3.00	\$312,840.00	\$1.60	\$166,848.00
4	SS-222-5.1	Haul Road Repair (Full Depth)	SY	1,000	\$100.00	\$100,000.00	\$107.00	\$107,000.00	\$165.00	\$165,000.00
5	SS-222-5.2	Haul Road Repair (2" Mill and Overlay)	SY	330	\$75.00	\$24,750.00	\$78.40	\$25,872.00	\$150.00	\$49,500.00
6	SS-300-5.1	Lockout/Tagout and Constant Current Regulator Calibration Procedures	LS	1	\$2,500.00	\$2,500.00	\$845.00	\$845.00	\$900.00	\$900.00
7	SS-300-5.2	Electrical Vault Modifications	LS	1	\$5,000.00	\$5,000.00	\$2,030.00	\$2,030.00	\$2,070.00	\$2,070.00
8	SS-300-5.3	Generator and Transfer Switch System, Installed	LS	1	\$130,000.00	\$130,000.00	\$118,650.00	\$118,650.00	\$121,000.00	\$121,000.00
9	SS-300-5.4	Existing ATCT Modifications, Installed	LS	1	\$15,000.00	\$15,000.00	\$3,100.00	\$3,100.00	\$3,110.00	\$3,110.00
10	SS-301-5.1	Existing Base Mounted Runway Edge Light, Removed	EA	73	\$100.00	\$7,300.00	\$57.00	\$4,161.00	\$58.00	\$4,234.00
11	SS-301-5.2	Existing Base Mounted Taxiway Edge Light, Removed and Stored with Base Demolished	EA	41	\$150.00	\$6,150.00	\$282.00	\$11,562.00	\$290.00	\$11,890.00
12	SS-301-5.3	Existing Stake Mounted Guidance Sign, Removed	EA	49	\$100.00	\$4,900.00	\$170.00	\$8,330.00	\$170.00	\$8,330.00
13	SS-301-5.4	Existing Base Mounted Guidance Sign, Removed	EA	5	\$300.00	\$1,500.00	\$565.00	\$2,825.00	\$565.00	\$2,825.00
14	SS-301-5.5	Existing Base Mounted Guidance Sign, Removed and Stored with Foundation Demolished	EA	1	\$300.00	\$300.00	\$565.00	\$565.00	\$565.00	\$565.00
15	SS-305-5.1	Directional Boring, 1-Way 2"C Polyethylene Conduit	LF	1,050	\$35.00	\$36,750.00	\$40.00	\$42,000.00	\$39.50	\$41,475.00
16	SS-305-5.2	Directional Boring, 2-Way 2"C Polyethylene Conduits	LF	450	\$45.00	\$20,250.00	\$51.00	\$22,950.00	\$52.00	\$23,400.00
17	SS-310-5.1	Temporary Airfield Lighting	LS	1	\$10,000.00	\$10,000.00	\$12,475.00	\$12,475.00	\$8,625.00	\$8,625.00
18	C-100-14.1	Contractor Quality Control Program (CQCP)	LS	1	\$50,000.00	\$50,000.00	\$85,600.00	\$85,600.00	\$23,000.00	\$23,000.00
19	C-102-5.1	Temporary Erosion Control	LS	1	\$10,000.00	\$10,000.00	\$17,500.00	\$17,500.00	\$5,000.00	\$5,000.00
20	C-105-6.1	Mobilization (Maximum 5% of Total Bid)	LS	1	\$261,615.20	\$261,615.20	\$230,000.00	\$230,000.00	\$280,000.00	\$280,000.00
21	P-101-5.1a	Asphalt Concrete Pavement Removal	SY	1,430	\$15.00	\$21,450.00	\$23.70	\$33,891.00	\$10.50	\$15,015.00
22	P-101-5.1b	Concrete Pavement Removal	SY	1,730	\$20.00	\$34,600.00	\$28.20	\$48,786.00	\$17.50	\$30,275.00
23	P-101-5.2	Joint and Crack Repair (1/2" or Greater)	LF	5,200	\$4.00	\$20,800.00	\$3.60	\$18,720.00	\$5.25	\$27,300.00



ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		Emery Sapp & Sons, Inc.		APAC-Central	
					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
24	P-101-5.3	Pavement Markings Removal	SF	5,060	\$2.00	\$10,120.00	\$1.80	\$9,108.00	\$2.00	\$10,120.00
25	P-101-5.4a	Cold Milling (0-1")	SY	74,800	\$4.00	\$299,200.00	\$3.75	\$280,500.00	\$3.25	\$243,100.00
26	P-101-5.4b	Cold Milling (1"-3")	SY	14,310	\$7.00	\$100,170.00	\$7.80	\$111,618.00	\$7.00	\$100,170.00
27	P-152-4.1	Unclassified Excavation	CY	500	\$30.00	\$15,000.00	\$42.85	\$21,425.00	\$23.00	\$11,500.00
28	P-152-4.2	Unsuitable Excavation	CY	690	\$50.00	\$34,500.00	\$56.40	\$38,916.00	\$64.00	\$44,160.00
29	P-209-5.1	Crushed Aggregate Base Course (6" Thickness)	SY	1,030	\$20.00	\$20,600.00	\$16.00	\$16,480.00	\$16.75	\$17,252.50
30	P-209-5.2	Crushed Aggregate Base Course (0-4" Thickness)	SY	1,600	\$18.00	\$28,800.00	\$11.00	\$17,600.00	\$17.50	\$28,000.00
31	P-401-8.1a	Asphalt Hot Mix Surface Course	TN	14,570	\$145.00	\$2,112,650.00	\$152.00	\$2,214,640.00	\$170.00	\$2,476,900.00
32	P-401-8.1b	Asphalt Hot Mix Surface Course for Test Section	TN	250	\$300.00	\$75,000.00	\$341.00	\$85,250.00	\$385.00	\$96,250.00
33	P-401-8.1c	Asphalt Hot Mix Leveling Course	TN	600	\$155.00	\$93,000.00	\$177.00	\$106,200.00	\$198.00	\$118,800.00
34	P-403-8.1	Asphalt Hot Mix Base Course	TN	998	\$145.00	\$144,710.00	\$156.00	\$155,688.00	\$185.00	\$184,630.00
35	P-620-5.1a	Runway and Taxiway Marking (Reflective)	SF	96,940	\$1.00	\$96,940.00	\$0.82	\$79,490.80	\$0.85	\$82,399.00
36	P-620-5.1b	Runway and Taxiway Marking (Non-Reflective)	SF	25,640	\$0.80	\$20,512.00	\$0.79	\$20,255.60	\$0.80	\$20,512.00
37	P-620-5.1c	Runway and Taxiway Marking (Temporary)	SF	53,566	\$0.80	\$42,852.80	\$0.71	\$38,031.86	\$0.75	\$40,174.50
38	P-621-5.1	Grooving	SY	57,270	\$2.00	\$114,540.00	\$1.85	\$105,949.50	\$1.85	\$105,949.50
39	D-701-5.1	24" Reinforced Concrete Pipe (Class III)	LF	20	\$110.00	\$2,200.00	\$105.50	\$2,110.00	\$191.00	\$3,820.00
40	D-751-5.1	4' x 4' Airfield Grate Inlet	EA	1	\$10,000.00	\$10,000.00	\$12,972.00	\$12,972.00	\$14,600.00	\$14,600.00
41	T-901-5.1	Seeding	AC	3	\$4,000.00	\$12,000.00	\$2,250.00	\$6,750.00	\$3,000.00	\$9,000.00
42	T-904-5.1	Sodding	SY	27,220	\$5.00	\$136,100.00	\$4.20	\$114,324.00	\$4.25	\$115,685.00
43	T-905-5.1	Topsoil (Furnished from Off the Site)	CY	350	\$50.00	\$17,500.00	\$42.90	\$15,015.00	\$44.00	\$15,400.00
44	L-108-5.1	No. 8 AWG, 5kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	23,750	\$3.50	\$83,125.00	\$3.38	\$80,275.00	\$3.45	\$81,937.50
45	L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench, Including Connections/Terminations	LF	19,250	\$3.50	\$67,375.00	\$3.95	\$76,037.50	\$4.00	\$77,000.00
46	L-108-5.3	Trenching for Direct-Buried Bare Counterpoise Wire, 8" Minimum Depth	LF	13,800	\$2.50	\$34,500.00	\$2.26	\$31,188.00	\$2.25	\$31,050.00
47	L-108-5.4	ATCT Remote L-821 Panel Communication Cable, Installed in Duct Bank or Conduit	LF	2,300	\$15.00	\$34,500.00	\$16.92	\$38,916.00	\$17.25	\$39,675.00
48	L-109-7.1	Construction of Prefabricated Concrete Vault Building and Foundation in Place	LS	1	\$140,000.00	\$140,000.00	\$135,360.00	\$135,360.00	\$135,500.00	\$135,500.00



ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		Emery Sapp & Sons, Inc.		APAC-Central	
					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
49	L-109-7.2	Installation of Prefabricated Concrete Vault Building Equipment in Place	LS	1	\$160,000.00	\$160,000.00	\$169,200.00	\$169,200.00	\$170,000.00	\$170,000.00
50	L-110-5.1	Flowable Fill Encased Electrical Conduit, 1-Way 2"C	LF	300	\$40.00	\$12,000.00	\$39.50	\$11,850.00	\$39.50	\$11,850.00
51	L-110-5.2	Non-Encased Electrical Conduit, 1-Way 2"C	LF	17,100	\$10.00	\$171,000.00	\$7.35	\$125,685.00	\$7.50	\$128,250.00
52	L-110-5.3	Non-Encased Electrical Duct Bank, 4-Way 4"C	LF	60	\$80.00	\$4,800.00	\$84.60	\$5,076.00	\$85.00	\$5,100.00
53	L-115-5.1	Concrete Encased Electrical Junction Structure, L-867 Class 1, Size 16" Diameter by 24" Depth	EA	11	\$1,500.00	\$16,500.00	\$1,355.00	\$14,905.00	\$1,375.00	\$15,125.00
54	L-125-5.1	L-858(L), Size 1, Base Mounted, 1-Module Guidance Sign, Installed	EA	8	\$4,500.00	\$36,000.00	\$4,960.00	\$39,680.00	\$4,975.00	\$39,800.00
55	L-125-5.2	L-858(L), Size 1, Base Mounted, 2-Module Guidance Sign, Installed	EA	19	\$5,500.00	\$104,500.00	\$5,585.00	\$106,115.00	\$5,590.00	\$106,210.00
56	L-125-5.3	L-858(L), Size 1, Base Mounted, 3-Module Guidance Sign, Installed	EA	21	\$6,500.00	\$136,500.00	\$6,655.00	\$139,755.00	\$6,675.00	\$140,175.00
57	L-125-5.4	L-858(L), Size 5, Base Mounted, Runway Distance Remaining Sign, Installed	EA	5	\$8,000.00	\$40,000.00	\$7,165.00	\$35,825.00	\$7,200.00	\$36,000.00
58	L-125-5.5	Existing L-858(L) Guidance Sign, Reinstalled on New Base with New Panels	EA	1	\$7,000.00	\$7,000.00	\$7,670.00	\$7,670.00	\$7,675.00	\$7,675.00
59	L-125-5.6	L-861(L) Base Mounted Runway Edge Light, Installed	EA	56	\$1,500.00	\$84,000.00	\$1,695.00	\$94,920.00	\$1,725.00	\$96,600.00
60	L-125-5.7	L-861E(L) Base Mounted Runway Threshold Light, Installed in Asphalt Pavement	EA	16	\$3,000.00	\$48,000.00	\$2,820.00	\$45,120.00	\$2,825.00	\$45,200.00
61	L-125-5.8	L-861T(L) Base Mounted Taxiway Edge Light, Installed	EA	9	\$1,500.00	\$13,500.00	\$1,635.00	\$14,715.00	\$1,650.00	\$14,850.00
62	L-125-5.9	Existing Stored L-861T(L) Taxiway Edge Light, Installed on New Base	EA	41	\$1,500.00	\$61,500.00	\$1,355.00	\$55,555.00	\$1,350.00	\$55,350.00
63	SP-C-01a	Bonds	LS	1	\$50,000.00	\$50,000.00	\$64,500.00	\$64,500.00	\$37,500.00	\$37,500.00
64	SP-C-01b	Owner's Protective Insurance	LS	1	\$3,000.00	\$3,000.00	\$1.00	\$1.00	\$2,500.00	\$2,500.00
TOTALS					\$6,000,000.00		\$6,065,491.26		\$6,204,875.00	



Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

4. Applicant Identifier:

FYV

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

3-05-0020-050-2021

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: City of Fayetteville

* b. Employer/Taxpayer Identification Number (EIN/TIN):

71-6018462

* c. Organizational DUNS:

1343989030000

d. Address:

* Street1: 4500 S School Avenue

Street2:

* City: Fayetteville

County/Parish:

Washington

* State:

AR: Arkansas

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code: 72701-8016

e. Organizational Unit:

Department Name:

Transportation

Division Name:

Aviation

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Summer

Middle Name:

* Last Name:

Fallen

Suffix:

Title: Airport Manager

Organizational Affiliation:

City of Fayetteville Aviation Division, Drake Field, KFYV

* Telephone Number: 479-718-7642

Fax Number: 479-718-7646

* Email: sfallen@fayetteville-ar.gov

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Federal Aviation Administration (FAA)

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

* 12. Funding Opportunity Number:

N/A

* Title:

N/A

13. Competition Identification Number:

N/A

Title:

N/A

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

FYV Runway Pavement and Lighting Rehabilitation

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="5,972,256.00"/>
* b. Applicant	<input type="text" value="1.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="663,584.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="6,635,841.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email:

* Signature of Authorized Representative:



* Date Signed:



Application for Federal Assistance (Development and Equipment Projects)

PART II – PROJECT APPROVAL INFORMATION

Part II - SECTION A			
The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.			
Item 1. Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	Yes	No	
Item 2. Can Sponsor commence the work identified in the application in the fiscal year the grant is made or within six months after the grant is made, whichever is later?	Yes	No	N/A
Item 3. Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	Yes	No	N/A
Item 4. Will the project(s) covered by this request have impacts or effects on the environment that require mitigating measures? If yes, attach a summary listing of mitigating measures to this application and identify the name and date of the environmental document(s).	Yes	No	N/A
Item 5. Is the project covered by this request included in an approved Passenger Facility Charge (PFC) application or other Federal assistance program? If yes, please identify other funding sources by checking all applicable boxes.	Yes	No	N/A
<div style="margin-left: 40px;"> The project is included in an <i>approved</i> PFC application. If included in an approved PFC application, does the application <i>only</i> address AIP matching share? Yes No </div> <div style="margin-left: 40px; margin-top: 10px;"> The project is included in another Federal Assistance program. Its CFDA number is below. </div>			
Item 6. Will the requested Federal assistance include Sponsor indirect costs as described in 2 CFR Appendix VII to Part 200, States and Local Government and Indian Tribe Indirect Cost Proposals?	Yes	No	N/A
If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply:			
<div style="margin-left: 40px;"> De Minimis rate of 10% as permitted by 2 CFR § 200.414. </div> <div style="margin-left: 40px; margin-top: 10px;"> Negotiated Rate equal to % as approved by (the Cognizant Agency) on (Date) (2 CFR part 200, appendix VII). </div>			
<i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>			

PART II - SECTION B

Certification Regarding Lobbying

The declarations made on this page are under the signature of the authorized representative as identified in box 21 of form SF-424, to which this form is attached. The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.

The Authorized Representative certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Sponsor, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Authorized Representative shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The Authorized Representative shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

PART II – SECTION C

The Sponsor hereby represents and certifies as follows:

1. Compatible Land Use – The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

2. Defaults – The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

3. Possible Disabilities – There are no facts or circumstances (including the existence of effective or proposed leases, use agreements or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of the Grant Assurances, either by limiting its legal or financial ability or otherwise, except as follows:

4. Consistency with Local Plans – The project is reasonably consistent with plans existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

5. Consideration of Local Interest – It has given fair consideration to the interest of communities in or near where the project may be located.

6. Consultation with Users – In making a decision to undertake an airport development project under Title 49, United States Code, it has consulted with airport users that will potentially be affected by the project (§ 47105(a)(2)).

7. Public Hearings – In projects involving the location of an airport, an airport runway or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

8. Air and Water Quality Standards – In projects involving airport location, a major runway extension, or runway location it will provide for the Governor of the state in which the project is located to certify in writing to the Secretary that the project will be located, designed, constructed, and operated so as to comply with applicable and air and water quality standards. In any case where such standards have not been approved and where applicable air and water quality standards have been promulgated by the Administrator of the Environmental Protection Agency, certification shall be obtained from such Administrator. Notice of certification or refusal to certify shall be provided within sixty days after the project application has been received by the Secretary.

PART II – SECTION C (Continued)

9. Exclusive Rights – There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

10. Land – (a) The sponsor holds the following property interest in the following areas of land, which are to be developed or used as part of or in connection with the Airport subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

¹ State the character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

PART III – BUDGET INFORMATION – CONSTRUCTION

SECTION A – GENERAL
1. Assistance Listing Number:
2. Functional or Other Breakout:

SECTION B – CALCULATION OF FEDERAL GRANT			
Cost Classification	Latest Approved Amount (Use only for revisions)	Adjustment + or (-) Amount (Use only for revisions)	Total Amount Required
1. Administration expense			
2. Preliminary expense			
3. Land, structures, right-of-way			
4. Architectural engineering basic fees			
5. Other Architectural engineering fees			
6. Project inspection fees			
7. Land development			
8. Relocation Expenses			
9. Relocation payments to Individuals and Businesses			
10. Demolition and removal			
11. Construction and project improvement			
12. Equipment			
13. Miscellaneous			
14. Subtotal (Lines 1 through 13)			
15. Estimated Income (if applicable)			
16. Net Project Amount (Line 14 minus 15)			
17. Less: Ineligible Exclusions (Section C, line 23 g.)			
18. Subtotal (Lines 16 through 17)			
19. Federal Share requested of Line 18			
20. Grantee share			
21. Other shares*			
22. TOTAL PROJECT (Lines 19, 20 & 21)			

*10% share of AIP eligible costs will be reimbursed by funds authorized by the American Rescue Plan Act of 2021.

SECTION C – EXCLUSIONS	
23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a.	
b.	
c.	
d.	
e.	
f.	
g. Total	

SECTION D – PROPOSED METHOD OF FINANCING NON-FEDERAL SHARE	
24. Grantee Share – Fund Categories	Amount
a. Securities	
b. Mortgages	
c. Appropriations (by Applicant)	
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. TOTAL - Grantee share	
25. Other Shares	Amount
a. State	
b. Other (American Rescue Plan Act)	
c. TOTAL - Other Shares	
26. TOTAL NON-FEDERAL FINANCING	

SECTION E – REMARKS (Attach sheets if additional space is required)

PART IV – PROGRAM NARRATIVE
(Suggested Format)

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)

CITY OF FAYETTEVILLE
FYV RUNWAY PAVEMENT AND LIGHTING REHABILITATION
AS-BID BUDGET

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
1	SS-120-3.1	Construction Safety and Security	LS	1	\$132,730.00	\$132,730.00
2	SS-220-5.1	Pavement Edge Grading	LF	18,020	\$4.35	\$78,387.00
3	SS-221-5.1	Paving Fabric	SY	104,280	\$3.00	\$312,840.00
4	SS-222-5.1	Haul Road Repair (Full Depth)	SY	1,000	\$107.00	\$107,000.00
5	SS-222-5.2	Haul Road Repair (2" Mill and Overlay)	SY	330	\$78.40	\$25,872.00
6	SS-300-5.1	Lockout/Tagout and Constant Current Regulator Calibration Procedures	LS	1	\$845.00	\$845.00
7	SS-300-5.2	Electrical Vault Modifications	LS	1	\$2,030.00	\$2,030.00
8	SS-300-5.3	Generator and Transfer Switch System, Installed	LS	1	\$118,650.00	\$118,650.00
9	SS-300-5.4	Existing ATCT Modifications, Installed	LS	1	\$3,100.00	\$3,100.00
10	SS-301-5.1	Existing Base Mounted Runway Edge Light, Removed	EA	73	\$57.00	\$4,161.00
11	SS-301-5.2	Existing Base Mounted Taxiway Edge Light, Removed and Stored with Base Demolished	EA	41	\$282.00	\$11,562.00
12	SS-301-5.3	Existing Stake Mounted Guidance Sign, Removed	EA	49	\$170.00	\$8,330.00
13	SS-301-5.4	Existing Base Mounted Guidance Sign, Removed	EA	5	\$565.00	\$2,825.00
14	SS-301-5.5	Existing Base Mounted Guidance Sign, Removed and Stored with Foundation Demolished	EA	1	\$565.00	\$565.00
15	SS-305-5.1	Directional Boring, 1-Way 2"C Polyethylene Conduit	LF	1,050	\$40.00	\$42,000.00
16	SS-305-5.2	Directional Boring, 2-Way 2"C Polyethylene Conduits	LF	450	\$51.00	\$22,950.00
17	SS-310-5.1	Temporary Airfield Lighting	LS	1	\$12,475.00	\$12,475.00
18	C-100-14.1	Contractor Quality Control Program (CQCP)	LS	1	\$85,600.00	\$85,600.00
19	C-102-5.1	Temporary Erosion Control	LS	1	\$17,500.00	\$17,500.00
20	C-105-6.1	Mobilization (Maximum 5% of Total Bid)	LS	1	\$230,000.00	\$230,000.00
21	P-101-5.1a	Asphalt Concrete Pavement Removal	SY	1,430	\$23.70	\$33,891.00
22	P-101-5.1b	Concrete Pavement Removal	SY	1,730	\$28.20	\$48,786.00
23	P-101-5.2	Joint and Crack Repair (1/2" or Greater)	LF	5,200	\$3.60	\$18,720.00
24	P-101-5.3	Pavement Markings Removal	SF	5,060	\$1.80	\$9,108.00
25	P-101-5.4a	Cold Milling (0-1")	SY	74,800	\$3.75	\$280,500.00
26	P-101-5.4b	Cold Milling (1"-3")	SY	14,310	\$7.80	\$111,618.00
27	P-152-4.1	Unclassified Excavation	CY	500	\$42.85	\$21,425.00
28	P-152-4.2	Unsuitable Excavation	CY	690	\$56.40	\$38,916.00
29	P-209-5.1	Crushed Aggregate Base Course (6" Thickness)	SY	1,030	\$16.00	\$16,480.00
30	P-209-5.2	Crushed Aggregate Base Course (0-4" Thickness)	SY	1,600	\$11.00	\$17,600.00
31	P-401-8.1a	Asphalt Hot Mix Surface Course	TN	14,570	\$152.00	\$2,214,640.00
32	P-401-8.1b	Asphalt Hot Mix Surface Course for Test Section	TN	250	\$341.00	\$85,250.00
33	P-401-8.1c	Asphalt Hot Mix Leveling Course	TN	600	\$177.00	\$106,200.00
34	P-403-8.1	Asphalt Hot Mix Base Course	TN	998	\$156.00	\$155,688.00
35	P-620-5.1a	Runway and Taxiway Marking (Reflective)	SF	96,940	\$0.82	\$79,490.80
36	P-620-5.1b	Runway and Taxiway Marking (Non-Reflective)	SF	25,640	\$0.79	\$20,255.60
37	P-620-5.1c	Runway and Taxiway Marking (Temporary)	SF	53,566	\$0.71	\$38,031.86
38	P-621-5.1	Grooving	SY	57,270	\$1.85	\$105,949.50
39	D-701-5.1	24" Reinforced Concrete Pipe (Class III)	LF	20	\$105.50	\$2,110.00
40	D-751-5.1	4' x 4' Airfield Grate Inlet	EA	1	\$12,972.00	\$12,972.00
41	T-901-5.1	Seeding	AC	3	\$2,250.00	\$6,750.00
42	T-904-5.1	Sodding	SY	27,220	\$4.20	\$114,324.00
43	T-905-5.1	Topsoil (Furnished from Off the Site)	CY	350	\$42.90	\$15,015.00
44	L-108-5.1	No. 8 AWG, 5kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	23,750	\$3.38	\$80,275.00



45	L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed in Trench, Including Connections/Terminations	LF	19,250	\$3.95	\$76,037.50
46	L-108-5.3	Trenching for Direct-Buried Bare Counterpoise Wire, 8" Minimum Depth	LF	13,800	\$2.26	\$31,188.00
47	L-108-5.4	ATCT Remote L-821 Panel Communication Cable, Installed in Duct Bank or Conduit	LF	2,300	\$16.92	\$38,916.00
48	L-109-7.1	Construction of Prefabricated Concrete Vault Building and Foundation in Place	LS	1	\$135,360.00	\$135,360.00
49	L-109-7.2	Installation of Prefabricated Concrete Vault Building Equipment in Place	LS	1	\$169,200.00	\$169,200.00
50	L-110-5.1	Flowable Fill Encased Electrical Conduit, 1-Way 2"C	LF	300	\$39.50	\$11,850.00
51	L-110-5.2	Non-Encased Electrical Conduit, 1-Way 2"C	LF	17,100	\$7.35	\$125,685.00
52	L-110-5.3	Non-Encased Electrical Duct Bank, 4-Way 4"C	LF	60	\$84.60	\$5,076.00
53	L-115-5.1	Concrete Encased Electrical Junction Structure, L-867 Class 1, Size 16" Diameter by 24" Depth	EA	11	\$1,355.00	\$14,905.00
54	L-125-5.1	L-858(L), Size 1, Base Mounted, 1-Module Guidance Sign, Installed	EA	8	\$4,960.00	\$39,680.00
55	L-125-5.2	L-858(L), Size 1, Base Mounted, 2-Module Guidance Sign, Installed	EA	19	\$5,585.00	\$106,115.00
56	L-125-5.3	L-858(L), Size 1, Base Mounted, 3-Module Guidance Sign, Installed	EA	21	\$6,655.00	\$139,755.00
57	L-125-5.4	L-858(L), Size 5, Base Mounted, Runway Distance Remaining Sign, Installed	EA	5	\$7,165.00	\$35,825.00
58	L-125-5.5	Existing L-858(L) Guidance Sign, Reinstalled on New Base with New Panels	EA	1	\$7,670.00	\$7,670.00
59	L-125-5.6	L-861(L) Base Mounted Runway Edge Light, Installed	EA	56	\$1,695.00	\$94,920.00
60	L-125-5.7	L-861E(L) Base Mounted Runway Threshold Light, Installed in Asphalt Pavement	EA	16	\$2,820.00	\$45,120.00
61	L-125-5.8	L-861T(L) Base Mounted Taxiway Edge Light, Installed	EA	9	\$1,635.00	\$14,715.00
62	L-125-5.9	Existing Stored L-861T(L) Taxiway Edge Light, Installed on New Base	EA	41	\$1,355.00	\$55,555.00
63	SP-C-01a	Bonds	LS	1	\$64,500.00	\$64,500.00
64	SP-C-01b	Owner's Protective Insurance	LS	1	\$1.00	\$1.00

TOTAL AS BID CONSTRUCTION COST
\$6,065,491.26
ADMINISTRATION EXPENSES
\$10,000.00
ARCHITECTURAL ENGINEERING BASIC FEES

Surveys	\$13,650.00
Geotechnical Services	\$40,950.00
Nondestructive Testing (NDT)	\$31,150.00
Pavement Condition Analysis	\$8,800.00
Preliminary Design - Runway Rehabilitation	\$82,000.00
Preliminary Design - Lighting Rehabilitation	\$54,900.00
Final Design - Runway Rehabilitation	\$52,700.00
Final Design - Lighting Rehabilitation	\$29,950.00
Bidding Services	\$11,250.00

TOTAL ARCHITECTURAL ENGINEERING BASIC FEES
\$325,350.00
PROJECT INSPECTION FEES

On-Site Construction Observation Services (Estimated)	\$125,000.00
Construction Administration Services (Estimated)	\$60,000.00
Closeout Services (Estimated)	\$10,000.00
Construction Materials Testing (Estimated)	\$40,000.00

TOTAL PROJECT INSPECTION FEES
\$235,000.00


TOTAL AS BID PROJECT COST						\$6,635,841.26
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NON-AIP ELIGIBLE ITEMS

64	SP-C-01b	Owner's Protective Insurance	LS	1	\$1.00	\$1.00
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TOTAL NON-AIP ELIGIBLE ITEMS						\$1.00
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TOTAL ESTIMATED PROJECT COST (AIP-ELIGIBLE) - BASE BID						\$6,635,840.26
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PROJECT FUNDING - BASE BID						
Federal Aviation Administration AIP (90%)						\$5,972,256.00
Federal Aviation Administration ARPA (10%)						\$663,584.00
City of Fayetteville (Remainder)						\$1.26
TOTAL FUNDING - BASE BID						\$6,635,841.26

Construction Project Final Acceptance Airport Improvement Program Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway Pavement and Lighting Rehabilitation

Application

49 USC § 47105(d), authorizes the Secretary to require me certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program. General standards for final acceptance and close out of federally funded construction projects are in 2 CFR § 200.343 – Closeout and supplemented by FAA Order 5100.38. The sponsor must determine that project costs are accurate and proper in accordance with specific requirements of the grant agreement and contract documents.

Certification Statements

Except for certification statements below marked not applicable (N/A), this list includes major requirements of the construction project. Selecting “Yes” represents sponsor acknowledgment and confirmation of the certification statement. The term “will” means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. The personnel engaged in project administration, engineering supervision, project inspection, and acceptance testing were or will be determined to be qualified and competent to perform the work (Grant Assurance).
☒ Yes ☐ No ☐ N/A
2. Construction records, including daily logs, were or will be kept by the resident engineer/construction inspector that fully document contractor's performance in complying with:
 - a. Technical standards (Advisory Circular (AC) 150/5370-12);
 - b. Contract requirements (2 CFR part 200 and FAA Order 5100.38); and
 - c. Construction safety and phasing plan measures (AC 150/5370-2).☒ Yes ☐ No ☐ N/A
3. All acceptance tests specified in the project specifications were or will be performed and documented. (AC 150/5370-12).
☒ Yes ☐ No ☐ N/A

4. Sponsor has taken or will take appropriate corrective action for any test result outside of allowable tolerances (AC 150/5370-12).
☒ Yes ☐ No ☐ N/A
5. Pay reduction factors required by the specifications were applied or will be applied in computing final payments with a summary made available to the FAA (AC 150/5370-10).
☒ Yes ☐ No ☐ N/A
6. Sponsor has notified, or will promptly notify the Federal Aviation Administration (FAA) of the following occurrences:
- a. Violations of any federal requirements set forth or included by reference in the contract documents (2 CFR part 200);
 - b. Disputes or complaints concerning federal labor standards (29 CFR part 5); and
 - c. Violations of or complaints addressing conformance with Equal Employment Opportunity or Disadvantaged Business Enterprise requirements (41 CFR Chapter 60 and 49 CFR part 26).
- ☒ Yes ☐ No ☐ N/A
7. Weekly payroll records and statements of compliance were or will be submitted by the prime contractor and reviewed by the sponsor for conformance with federal labor and civil rights requirements as required by FAA and U.S. Department of Labor (29 CFR Part 5).
☒ Yes ☐ No ☐ N/A
8. Payments to the contractor were or will be made in conformance with federal requirements and contract provisions using sponsor internal controls that include:
- a. Retaining source documentation of payments and verifying contractor billing statements against actual performance (2 CFR § 200.302 and FAA Order 5100.38);
 - b. Prompt payment of subcontractors for satisfactory performance of work (49 CFR § 26.29);
 - c. Release of applicable retainage upon satisfactory performance of work (49 CFR § 26.29); and
 - d. Verification that payments to DBEs represent work the DBE performed by carrying out a commercially useful function (49 CFR §26.55).
- ☒ Yes ☐ No ☐ N/A
9. A final project inspection was or will be conducted with representatives of the sponsor and the contractor present that ensure:
- a. Physical completion of project work in conformance with approved plans and specifications (Order 5100.38);
 - b. Necessary actions to correct punch list items identified during final inspection are complete (Order 5100.38); and
 - c. Preparation of a record of final inspection and distribution to parties to the contract (Order 5100.38);
- ☒ Yes ☐ No ☐ N/A
10. The project was or will be accomplished without material deviations, changes, or modifications from approved plans and specifications, except as approved by the FAA (Order 5100.38).
☒ Yes ☐ No ☐ N/A

11. The construction of all buildings have complied or will comply with the seismic construction requirements of 49 CFR § 41.120.

☐ Yes ☐ No ☒ N/A

12. For development projects, sponsor has taken or will take the following close-out actions:

- a. Submit to the FAA a final test and quality assurance report summarizing acceptance test results, as applicable (Grant Condition);
- b. Complete all environmental requirements as established within the project environmental determination (Order 5100.38); and
- c. Prepare and retain as-built plans (Order 5100.38).

☒ Yes ☐ No ☐ N/A

13. Sponsor has revised or will revise their airport layout plan (ALP) that reflects improvements made and has submitted or will submit an updated ALP to the FAA no later than 90 days from the period of performance end date. (49 USC § 47107 and Order 5100.38).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway Pavement and Lighting Rehabilitation

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on the drug-free workplace within federal grant programs are described in 2 CFR part 182. Sponsors are required to certify they will be, or will continue to provide, a drug-free workplace in accordance with the regulation. The AIP project grant agreement contains specific assurances on the Drug-Free Workplace Act of 1988.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A statement has been or will be published prior to commencement of project notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the sponsor's workplace, and specifying the actions to be taken against employees for violation of such prohibition (2 CFR § 182.205).

☒ Yes ☐ No ☐ N/A

2. An ongoing drug-free awareness program (2 CFR § 182.215) has been or will be established prior to commencement of project to inform employees about:

- a. The dangers of drug abuse in the workplace;
- b. The sponsor's policy of maintaining a drug-free workplace;
- c. Any available drug counseling, rehabilitation, and employee assistance programs; and
- d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

☒ Yes ☐ No ☐ N/A

3. Each employee to be engaged in the performance of the work has been or will be given a copy of the statement required within item 1 above prior to commencement of project (2 CFR § 182.210).

☒ Yes ☐ No ☐ N/A

4. Employees have been or will be notified in the statement required by item 1 above that, as a condition employment under the grant (2 CFR § 182.205(c)), the employee will:

- a. Abide by the terms of the statement; and
- b. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

☒ Yes ☐ No ☐ N/A

5. The Federal Aviation Administration (FAA) will be notified in writing within 10 calendar days after receiving notice under item 4b above from an employee or otherwise receiving actual notice of such conviction (2 CFR § 182.225). Employers of convicted employees must provide notice, including position title of the employee, to the FAA (2 CFR § 182.300).

☒ Yes ☐ No ☐ N/A

6. One of the following actions (2 CFR § 182.225(b)) will be taken within 30 calendar days of receiving a notice under item 4b above with respect to any employee who is so convicted:

- a. Take appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; and
- b. Require such employee to participate satisfactorily in drug abuse assistance or rehabilitation programs approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

☒ Yes ☐ No ☐ N/A

7. A good faith effort will be made, on a continuous basis, to maintain a drug-free workplace through implementation of items 1 through 6 above (2 CFR § 182.200).

☒ Yes ☐ No ☐ N/A

Site(s) of performance of work (2 CFR § 182.230):

Location 1

Name of Location: Fayetteville - Drake Field

Address: 4500 S School Ave Ste F, Fayetteville, AR 72701

Location 2 (if applicable)

Name of Location:

Address:

Location 3 (if applicable)

Name of Location:

Address:

Attach documentation clarifying any above item marked with a "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Equipment and Construction Contracts Airport Improvement Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway Pavement and Lighting Rehabilitation

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General procurement standards for equipment and construction contracts within Federal grant programs are described in 2 CFR §§ 200.317-200.326. Labor and Civil Rights Standards applicable to the AIP are established by the Department of Labor (www.dol.gov) AIP Grant Assurance C.1—General Federal Requirements identifies all applicable Federal Laws, regulations, executive orders, policies, guidelines and requirements for assistance under the AIP. Sponsors may use state and local procedures provided the procurement conforms to these federal standards.

This certification applies to all equipment and construction projects. Equipment projects may or may not employ laborers and mechanics that qualify the project as a “covered contract” under requirements established by the Department of Labor requirements. Sponsor shall provide appropriate responses to the certification statements that reflect the character of the project regardless of whether the contract is for a construction project or an equipment project.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting “Yes” represents sponsor acknowledgement and confirmation of the certification statement. The term “will” means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A written code or standard of conduct is or will be in effect prior to commencement of the project that governs the performance of the sponsor’s officers, employees, or agents in soliciting, awarding and administering procurement contracts (2 CFR § 200.318).

☒ Yes ☐ No ☐ N/A

2. For all contracts, qualified and competent personnel are or will be engaged to perform contract administration, engineering supervision, construction inspection, and testing (Grant Assurance C.17).
- ☒ Yes ☐ No ☐ N/A
3. Sponsors that are required to have a Disadvantage Business Enterprise (DBE) program on file with the FAA have included or will include clauses required by Title VI of the Civil Rights Act and 49 CFR Part 26 for Disadvantaged Business Enterprises in all contracts and subcontracts.
- ☒ Yes ☐ No ☐ N/A
4. Sponsors required to have a DBE program on file with the FAA have implemented or will implement monitoring and enforcement measures that:
- a. Ensure work committed to Disadvantaged Business Enterprises at contract award is actually performed by the named DBEs (49 CFR § 26.37(b));
 - b. Include written certification that the sponsor has reviewed contract records and has monitored work sites for performance by DBE firms (49 CFR § 26.37(b)); and
 - c. Provides for a running tally of payments made to DBE firms and a means for comparing actual attainments (i.e. payments) to original commitments (49 CFR § 26.37(c)).
- ☒ Yes ☐ No ☐ N/A
5. Sponsor procurement actions using the competitive sealed bid method (2 CFR § 200.320(c)). was or will be:
- a. Publicly advertised, allowing a sufficient response time to solicit an adequate number of interested contractors or vendors;
 - b. Prepared to include a complete, adequate and realistic specification that defines the items or services in sufficient detail to allow prospective bidders to respond;
 - c. Publicly opened at a time and place prescribed in the invitation for bids; and
 - d. Prepared in a manner that result in a firm fixed price contract award to the lowest responsive and responsible bidder.
- ☒ Yes ☐ No ☐ N/A
6. For projects the Sponsor proposes to use the competitive proposal procurement method (2 CFR § 200.320(d)), Sponsor has requested or will request FAA approval prior to proceeding with a competitive proposal procurement by submitting to the FAA the following:
- a. Written justification that supports use of competitive proposal method in lieu of the preferred sealed bid procurement method;
 - b. Plan for publicizing and soliciting an adequate number of qualified sources; and
 - c. Listing of evaluation factors along with relative importance of the factors.
- ☒ Yes ☐ No ☐ N/A
7. For construction and equipment installation projects, the bid solicitation includes or will include the current federal wage rate schedule(s) for the appropriate type of work classifications (2 CFR Part 200, Appendix II).
- ☒ Yes ☐ No ☐ N/A

8. Concurrence was or will be obtained from the Federal Aviation Administration (FAA) prior to contract award under any of the following circumstances (Order 5100.38D):

- a. Only one qualified person/firm submits a responsive bid;
- b. Award is to be made to other than the lowest responsible bidder; and
- c. Life cycle costing is a factor in selecting the lowest responsive bidder.

☒ Yes ☐ No ☐ N/A

9. All construction and equipment installation contracts contain or will contain provisions for:

- a. Access to Records (§ 200.336)
- b. Buy American Preferences (Title 49 U.S.C. § 50101)
- c. Civil Rights - General Provisions and Title VI Assurances(41 CFR part 60)
- d. Federal Fair Labor Standards (29 U.S.C. § 201, et seq)
- e. Occupational Safety and Health Act requirements (20 CFR part 1920)
- f. Seismic Safety – building construction (49 CFR part 41)
- g. State Energy Conservation Requirements - as applicable(2 CFR part 200, Appendix II)
- h. U.S. Trade Restriction (49 CFR part 30)
- i. Veterans Preference (49 USC § 47112(c))

☒ Yes ☐ No ☐ N/A

10. All construction and equipment installation contracts exceeding \$2,000 contain or will contain the provisions established by:

- a. Davis-Bacon and Related Acts (29 CFR part 5)
- b. Copeland “Anti-Kickback” Act (29 CFR parts 3 and 5)

☒ Yes ☐ No ☐ N/A

11. All construction and equipment installation contracts exceeding \$3,000 contain or will contain a contract provision that discourages distracted driving (E.O. 13513).

☒ Yes ☐ No ☐ N/A

12. All contracts exceeding \$10,000 contain or will contain the following provisions as applicable:

- a. Construction and equipment installation projects - Applicable clauses from 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375 on Equal Employment Opportunity;
- b. Construction and equipment installation - Contract Clause prohibiting segregated facilities in accordance with 41 CFR part 60-1.8;
- c. Requirement to maximize use of products containing recovered materials in accordance with 2 CFR § 200.322 and 40 CFR part 247; and
- d. Provisions that address termination for cause and termination for convenience (2 CFR Part 200, Appendix II).

☒ Yes ☐ No ☐ N/A

13. All contracts and subcontracts exceeding \$25,000: Measures are in place or will be in place (e.g. checking the System for Award Management) that ensure contracts and subcontracts are not awarded to individuals or firms suspended, debarred, or excluded from participating in federally assisted projects (2 CFR parts 180 and 1200).

☒ Yes ☐ No ☐ N/A

14. Contracts exceeding the simplified acquisition threshold (currently \$250,000) include or will include provisions, as applicable, that address the following:

- a. Construction and equipment installation contracts - a bid guarantee of 5%, a performance bond of 100%, and a payment bond of 100% (2 CFR § 200.325);
- b. Construction and equipment installation contracts - requirements of the Contract Work Hours and Safety Standards Act (40 USC 3701-3708, Sections 103 and 107);
- c. Restrictions on Lobbying and Influencing (2 CFR part 200, Appendix II);
- d. Conditions specifying administrative, contractual and legal remedies for instances where contractor or vendor violate or breach the terms and conditions of the contract (2 CFR §200, Appendix II); and
- e. All Contracts - Applicable standards and requirements issued under Section 306 of the Clean Air Act (42 USC 7401-7671q), Section 508 of the Clean Water Act (33 USC 1251-1387, and Executive Order 11738.

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Project Plans and Specifications

Airport Improvement Program Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway and Pavement and Lighting Rehabilitation

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). Labor and civil rights standards applicable to AIP are established by the Department of Labor (www.dol.gov/). AIP Grant Assurance C.1—General Federal Requirements identifies applicable federal laws, regulations, executive orders, policies, guidelines and requirements for assistance under AIP. A list of current advisory circulars with specific standards for procurement, design or construction of airports, and installation of equipment and facilities is referenced in standard airport sponsor Grant Assurance 34 contained in the grant agreement.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting “Yes” represents sponsor acknowledgement and confirmation of the certification statement. The term “will” means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. The plans and specifications were or will be prepared in accordance with applicable federal standards and requirements, so that no deviation or modification to standards set forth in the advisory circulars, or FAA-accepted state standard, is necessary other than those explicitly approved by the Federal Aviation Administration (FAA) (14 USC § 47105).

☒ Yes ☐ No ☐ N/A

2. Specifications incorporate or will incorporate a clear and accurate description of the technical requirement for the material or product that does not contain limiting or proprietary features that unduly restrict competition (2 CFR §200.319).

☒ Yes ☐ No ☐ N/A

3. The development that is included or will be included in the plans is depicted on the current airport layout plan as approved by the FAA (14 USC § 47107).
- ☒ Yes ☐ No ☐ N/A
4. Development and features that are ineligible or unallowable for AIP funding have been or will be omitted from the plans and specifications (FAA Order 5100.38, par. 3-43).
- ☒ Yes ☐ No ☐ N/A
5. The specification does not use or will not use "brand name" or equal to convey requirements unless sponsor requests and receives approval from the FAA to use brand name (FAA Order 5100.38, Table U-5).
- ☒ Yes ☐ No ☐ N/A
6. The specification does not impose or will not impose geographical preference in their procurement requirements (2 CFR §200.319(b) and FAA Order 5100.38, Table U-5).
- ☒ Yes ☐ No ☐ N/A
7. The use of prequalified lists of individuals, firms or products include or will include sufficient qualified sources that ensure open and free competition and that does not preclude potential entities from qualifying during the solicitation period (2 CFR §319(d)).
- ☒ Yes ☐ No ☐ N/A
8. Solicitations with bid alternates include or will include explicit information that establish a basis for award of contract that is free of arbitrary decisions by the sponsor (2 CFR § 200.319(a)(7)).
- ☒ Yes ☐ No ☐ N/A
9. Concurrence was or will be obtained from the FAA if Sponsor incorporates a value engineering clause into the contract (FAA Order 5100.38, par. 3-57).
- ☒ Yes ☐ No ☐ N/A
10. The plans and specifications incorporate or will incorporate applicable requirements and recommendations set forth in the federally approved environmental finding (49 USC §47106(c)).
- ☒ Yes ☐ No ☐ N/A
11. The design of all buildings comply or will comply with the seismic design requirements of 49 CFR § 41.120. (FAA Order 5100.38d, par. 3-92)
- ☐ Yes ☐ No ☒ N/A
12. The project specification include or will include process control and acceptance tests required for the project by as per the applicable standard:
- a. Construction and installation as contained in Advisory Circular (AC) 150/5370-10.
- ☒ Yes ☐ No ☐ N/A

b. Snow Removal Equipment as contained in AC 150/5220-20.

☐ Yes ☐ No ☒ N/A

c. Aircraft Rescue and Fire Fighting (ARFF) vehicles as contained in AC 150/5220-10.

☐ Yes ☐ No ☒ N/A

13. For construction activities within or near aircraft operational areas(AOA):

a. The Sponsor has or will prepare a construction safety and phasing plan (CSPP) conforming to Advisory Circular 150/5370-2.

b. Compliance with CSPP safety provisions has been or will be incorporated into the plans and specifications as a contractor requirement.

c. Sponsor will not initiate work until receiving FAA's concurrence with the CSPP (FAA Order 5100.38, Par. 5-29).

☒ Yes ☐ No ☐ N/A

14. The project was or will be physically completed without federal participation in costs due to errors and omissions in the plans and specifications that were foreseeable at the time of project design (49 USC §47110(b)(1) and FAA Order 5100.38d, par. 3-100).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway Pavement and Lighting Rehabilitation

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements for selection of consultant services within federal grant programs are described in 2 CFR §§ 200.317-200.326. Sponsors may use other qualifications-based procedures provided they are equivalent to standards of Title 40 chapter 11 and FAA Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. Sponsor acknowledges their responsibility for the settlement of all contractual and administrative issues arising out of their procurement actions (2 CFR § 200.318(k)).
☒ Yes ☐ No ☐ N/A
2. Sponsor procurement actions ensure or will ensure full and open competition that does not unduly limit competition (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A
3. Sponsor has excluded or will exclude any entity that develops or drafts specifications, requirements, or statements of work associated with the development of a request-for-qualifications (RFQ) from competing for the advertised services (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A

4. The advertisement describes or will describe specific project statements-of-work that provide clear detail of required services without unduly restricting competition (2 CFR § 200.319).
- ☒ Yes ☐ No ☐ N/A
5. Sponsor has publicized or will publicize a RFQ that:
- a. Solicits an adequate number of qualified sources (2 CFR § 200.320(d)); and
- b. Identifies all evaluation criteria and relative importance (2 CFR § 200.320(d)).
- ☒ Yes ☐ No ☐ N/A
6. Sponsor has based or will base selection on qualifications, experience, and disadvantaged business enterprise participation with price not being a selection factor (2 CFR § 200.320(d)).
- ☒ Yes ☐ No ☐ N/A
7. Sponsor has verified or will verify that agreements exceeding \$25,000 are not awarded to individuals or firms suspended, debarred or otherwise excluded from participating in federally assisted projects (2 CFR § 180.300).
- ☒ Yes ☐ No ☐ N/A
8. A/E services covering multiple projects: Sponsor has agreed to or will agree to:
- a. Refrain from initiating work covered by this procurement beyond five years from the date of selection (AC 150/5100-14); and
- b. Retain the right to conduct new procurement actions for projects identified or not identified in the RFQ (AC 150/5100-14).
- ☒ Yes ☐ No ☐ N/A
9. Sponsor has negotiated or will negotiate a fair and reasonable fee with the firm they select as most qualified for the services identified in the RFQ (2 CFR § 200.323).
- ☒ Yes ☐ No ☐ N/A
10. The Sponsor's contract identifies or will identify costs associated with ineligible work separately from costs associated with eligible work (2 CFR § 200.302).
- ☒ Yes ☐ No ☐ N/A
11. Sponsor has prepared or will prepare a record of negotiations detailing the history of the procurement action, rationale for contract type and basis for contract fees (2 CFR § 200.318(i)).
- ☒ Yes ☐ No ☐ N/A
12. Sponsor has incorporated or will incorporate mandatory contract provisions in the consultant contract for AIP-assisted work (49 U.S.C. Chapter 471 and 2 CFR part 200 Appendix II)
- ☒ Yes ☐ No ☐ N/A

13. For contracts that apply a time-and-material payment provision (also known as hourly rates, specific rates of compensation, and labor rates), the Sponsor has established or will establish:

- a. Justification that there is no other suitable contract method for the services (2 CFR §200.318(j));
- b. A ceiling price that the consultant exceeds at their risk (2 CFR §200.318(j)); and
- c. A high degree of oversight that assures consultant is performing work in an efficient manner with effective cost controls in place 2 CFR §200.318(j)).

☒ Yes ☐ No ☐ N/A

14. Sponsor is not using or will not use the prohibited cost-plus-percentage-of-cost (CPPC) contract method. (2 CFR § 200.323(d)).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Certification and Disclosure Regarding Potential Conflicts of Interest

Airport Improvement Program Sponsor Certification

Sponsor: City of Fayetteville

Airport: Fayetteville - Drake Field

Project Number: 3-05-0020-050-2021

Description of Work: FYV Runway Pavement and Lighting Rehabilitation

Application

Title 2 CFR § 200.112 and § 1201.112 address Federal Aviation Administration (FAA) requirements for conflict of interest. As a condition of eligibility under the Airport Improvement Program (AIP), sponsors must comply with FAA policy on conflict of interest. Such a conflict would arise when any of the following have a financial or other interest in the firm selected for award:

- a) The employee, officer or agent,
- b) Any member of his immediate family,
- c) His or her partner, or
- d) An organization which employs, or is about to employ, any of the above.

Selecting "Yes" represents sponsor or sub-recipient acknowledgement and confirmation of the certification statement. Selecting "No" represents sponsor or sub-recipient disclosure that it cannot fully comply with the certification statement. If "No" is selected, provide support information explaining the negative response as an attachment to this form. This includes whether the sponsor has established standards for financial interest that are not substantial or unsolicited gifts are of nominal value (2 CFR § 200.318(c)). The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance.

Certification Statements

1. The sponsor or sub-recipient maintains a written standards of conduct governing conflict of interest and the performance of their employees engaged in the award and administration of contracts (2 CFR § 200.318(c)). To the extent permitted by state or local law or regulations, such standards of conduct provide for penalties, sanctions, or other disciplinary actions for violations of such standards by the sponsor's and sub-recipient's officers, employees, or agents, or by contractors or their agents.

☒ Yes ☐ No

2. The sponsor's or sub-recipient's officers, employees or agents have not and will not solicit or accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties to sub-agreements (2 CFR § 200.318(c)).

☒ Yes ☐ No

3. The sponsor or sub-recipient certifies that it has disclosed and will disclose to the FAA any known potential conflict of interest (2 CFR § 1200.112).

☒ Yes ☐ No

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have the explanation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Fayetteville

Name of Sponsor's Authorized Official: The Honorable Lioneld Jordan

Title of Sponsor's Authorized Official: Mayor

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION

Fayetteville - Drake Field

* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: Honorable

* First Name: Lioneld

Middle Name:

* Last Name: Jordan

Suffix:

* Title: Mayor

* SIGNATURE:

* DATE:

ENGINEERING SERVICES RECORD OF NEGOTIATION

Fayetteville – Drake Field

FYV Runway Pavement and Lighting Rehabilitation (Design and Construction)

Anticipated A.I.P. Grant: 3-05-0020-050-2021

Design Phase Task Order:

- On November 11, 2020, the airport requested a scope of services from Garver for a FYV Runway Pavement and Lighting Rehabilitation project.
- On November 18, 2020, Garver sent a scope of services for the FYV Runway Pavement and Lighting Rehabilitation project to the City of Fayetteville. The airport approved the scope of services and submitted the scope to Olufemi Adeoye, FAA for review. No comments were received.
- On January 7, 2021, Independent Fee Estimates, LLC submitted an independent fee estimate (IFE) for Design Phase Services to the City of Fayetteville for the “Runway Pavement and Lighting Rehabilitation” project. The results of the IFE are as follows:

Runway Pavement and Lighting Rehabilitation (Design) - \$388,444.92

- Garver submitted a contract to the airport on December 15, 2021. A copy of the contract submission is included in the grant application. Garver's total contract fee is as follows:

Runway Pavement and Lighting Rehabilitation (Design) - \$325,350.00

- The negotiations were conducted in good faith to ensure the fees are fair and reasonable. The submitted contract was below the independent fee estimate.

Construction Phase Task Order:

- On May 14, 2021, the airport requested a scope of services from Garver for construction support services associated with the “Runway Pavement and Lighting Rehabilitation” project.
- On May 21, 2021, Garver sent a scope of services for construction phase services for the “Runway Pavement and Lighting Rehabilitation” project to the City of Fayetteville. The airport approved the scope of services.
- On TBD, 2021, Independent Fee Estimates, LLC submitted an independent fee estimate (IFE) for Construction Phase Services to the City of Fayetteville for the “Runway Pavement and Lighting Rehabilitation” project. The results of the IFE are as follows:

Runway Pavement and Lighting Rehabilitation (Construction) - \$TBD

- Garver submitted a contract to the airport on June 17, 2021. A copy of the contract submission is included in the grant application. Garver's total contract fee is as follows:

Runway Pavement and Lighting Rehabilitation (Construction) - \$235,000.00

- The negotiations were conducted in good faith to ensure the fees are fair and reasonable. The submitted contract was below the independent fee estimate.



113 West Mountain Street
Fayetteville, AR 72701
(479) 575-8323

Resolution: 310-20

File Number: 2020-1035

GARVER, LLC TASK ORDER NO. 2:

A RESOLUTION TO APPROVE TASK ORDER NO. 2 WITH GARVER, LLC IN THE AMOUNT OF \$325,350.00 FOR DESIGN AND BIDDING SERVICES ASSOCIATED WITH THE RUNWAY PAVEMENT AND LIGHTING REHABILITATION PROJECT AT DRAKE FIELD, TO APPROVE A PROJECT CONTINGENCY IN THE AMOUNT OF \$32,535.00, AND TO APPROVE A BUDGET ADJUSTMENT

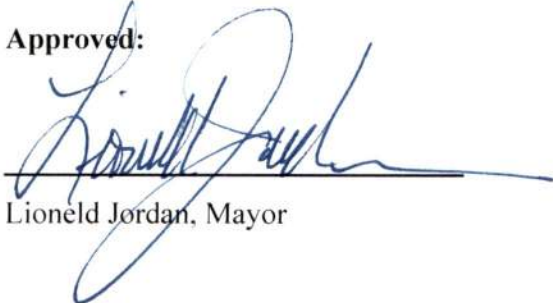
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FAYETTEVILLE, ARKANSAS:

Section 1: That the City Council of the City of Fayetteville, Arkansas hereby authorizes Mayor Jordan to sign Task Order No. 2 with Garver, LLC in the amount of \$325,350.00 for design and bidding services associated with the Runway Pavement and Lighting Rehabilitation Project at Drake Field, and further approves a project contingency in the amount of \$32,535.00.

Section 2: That the City Council of the City of Fayetteville, Arkansas hereby approves a budget adjustment, a copy of which is attached to this Resolution.

PASSED and APPROVED on 12/15/2020

Approved:


Lioneld Jordan, Mayor

Attest:


Kara Paxton, City Clerk Treasurer





City of Fayetteville, Arkansas

113 West Mountain Street
Fayetteville, AR 72701
(479) 575-8323

Text File

File Number: 2020-1035

Agenda Date: 12/15/2020

Version: 1

Status: Passed

In Control: City Council Meeting

File Type: Resolution

Agenda Number: A.7

GARVER, LLC TASK ORDER NO. 2:

A RESOLUTION TO APPROVE TASK ORDER NO. 2 WITH GARVER, LLC IN THE AMOUNT OF \$325,350.00 FOR DESIGN AND BIDDING SERVICES ASSOCIATED WITH THE RUNWAY PAVEMENT AND LIGHTING REHABILITATION PROJECT AT DRAKE FIELD, TO APPROVE A PROJECT CONTINGENCY IN THE AMOUNT OF \$32,535.00, AND TO APPROVE A BUDGET ADJUSTMENT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FAYETTEVILLE, ARKANSAS:

Section 1: That the City Council of the City of Fayetteville, Arkansas hereby authorizes Mayor Jordan to sign Task Order No. 2 with Garver, LLC in the amount of \$325,350.00 for design and bidding services associated with the Runway Pavement and Lighting Rehabilitation Project at Drake Field, and further approves a project contingency in the amount of \$32,535.00.

Section 2: That the City Council of the City of Fayetteville, Arkansas hereby approves a budget adjustment, a copy of which is attached to this Resolution.

City of Fayetteville Staff Review Form

2020-1035

Legistar File ID

12/15/2020

City Council Meeting Date - Agenda Item Only

N/A for Non-Agenda Item

Summer Fallen

11/20/2020

AIRPORT SERVICES (760)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff requests that the Mayor allow the Aviation Division to execute Task Order 02 in the amount of \$325,350 and a contingency of \$32,535 with Garver, LLC to complete design and bidding services for the proposed Runway 16-34 pavement and lighting rehabilitation at Fayetteville – Drake Field Airport, and to process a budget adjustment.

Budget Impact:

5550.760.3960-5314.00

Airport

Account Number

Fund

15029.1

Airport Engineering Consultant Services

Project Number

Project Title

Budgeted Item? NA

Current Budget \$ 19,034.00

Funds Obligated

Current Balance \$ 19,034.00

Does item have a cost? Yes

Item Cost \$ 357,885.00

Budget Adjustment Attached? Yes

Budget Adjustment \$ 357,885.00

Remaining Budget \$ 19,034.00

V20180321

Purchase Order Number:

Previous Ordinance or Resolution #

Change Order Number:

Approval Date:

Original Contract Number:

Comments:



**CITY OF
FAYETTEVILLE
ARKANSAS**

CITY COUNCIL MEMO

TO: Lioneld Jordan, Mayor and City Council

THRU: Susan Norton, Chief of Staff

FROM: Summer Fallen, Airport Services Manager

DATE: November 20, 2020

SUBJECT: **FYV Runway Pavement and Lighting Rehabilitation – Design and Bidding
Task Order 02 (Garver)**

RECOMMENDATION:

Staff requests that the Mayor allow the Aviation Division to execute Task Order 02 in the amount of \$325,350 and a contingency of \$32,525 with Garver, LLC to complete design and bidding services for the proposed Runway 16-34 pavement and lighting rehabilitation at Fayetteville – Drake Field Airport, and to process a budget adjustment.

BACKGROUND:

Fayetteville-Drake field is served by a single asphalt runway (Runway 16-34) that was extended to its current length in 1966. The runway has seen multiple overlay rehabilitations since that time, with the last overlay completed in 1986. Since that time, the condition of the asphalt pavements has been maintained through a combination of crack sealing and rejuvenating seal coats. This routine maintenance has provided a pavement life far beyond the 20-year design life of the 1986 overlay project. However, the pavement condition has gradually deteriorated to a point that warrants more substantial rehabilitation. A recent pavement condition assessment of the runway completed by the Arkansas Department of Aeronautics noted that the runway pavement was approaching its "Critical PCI". The Critical PCI is the point at which the cost of rehabilitation increases exponentially with time. This project is intended to provide a pavement rehabilitation alternative that will bring the Runway 16-34 pavement back to a satisfactory condition and extend the useful life of the pavements for a minimum of 20 years.

In addition, this project will address geometry improvements to the south end of Taxiway B that were not included in the Fiscal Year 18 Taxiway B Widening and Rehabilitation project. In its current condition, large charter aircraft cannot access the Runway 34 threshold without judgmental over-steering at the south turn from Taxiway B onto Runway 34.

The project will also include rehabilitation of various aspects of the existing airfield lighting and signage system to improve airport safety and efficiency. Runway edge light fixtures will be upgraded to LED and fixture spacing will be reviewed to confirm conformation to FAA standards. A recent FAA Part 139 inspection found erosion around the existing stake-mounted airfield signage fixtures. This will be addressed by installing new concrete sign foundations to provide a more reliable and maintainable signage system. Airfield signage will be upgraded to LED and naming conventions reviewed based on FAA guidance. A new standalone electrical vault will be constructed to house the airfield lighting power and control equipment. The current vault is located in an existing T-hangar and is not NEC compliant.

DISCUSSION:

This project was originally programmed for Design in 2021 and Construction in 2022. However, in October 2020, the FAA notified the City of Fayetteville that additional federal funds were available in 2021 to complete the entire project (Design and Construction). The FAA requested the City of Fayetteville change their project schedule to take advantage of the additional 2021 available funds.

To take advantage of the 2021 federal funds, the Aviation Division must complete the competitive bidding process by Summer 2021. Task Order 02 will authorize Garver to proceed with design and bidding services.

Upon receipt of bids, Garver, in collaboration with the Aviation Division, will prepare an FAA AIP grant application that will be submitted for signature of the Mayor. The AIP grant will cover 90% of the project costs, with the remaining 10% to be funded through a combination of Arkansas Department of Aeronautics and City funds.

Upon receipt of an FAA grant offer in Summer 2021, the Airport Division will seek approval from the Council to execute the grant offer, execute a construction contract with the lowest responsive and responsible bidder, and execute a construction phase services task order with Garver. Below is a summary of the anticipated costs and funding breakdown for each upcoming grant.

Administration and Other Costs*:	\$5,000.00	
Garver Task Order 02 (Design and Bidding):	\$325,350.00	FAA: \$4,747,815.00
Garver Task Order 03 (Construction Phase Services)*:	\$355,000.00	ADA(Max): \$250,000.00
Construction Contract*:	\$4,590,000.00	City: \$277,535.00
TOTAL:	\$5,275,350.00	TOTAL: \$5,275,350.00

**Amounts are estimated at this time.*

BUDGET/STAFF IMPACT:

The Aviation Division may expend up to \$357,885 of its fund balance reserve. This amount includes \$292,815 for cash-flow to cover the FAA's 90% share until reimbursement in Summer 2021, \$32,535 for cash-flow to cover the ADA's 10% share until reimbursement at the end of the project, and a 10% project contingency of \$32,535.

Attachments:

Staff Review Form
Staff Memo
Garver Task Order 02
Budget Adjustment

APPENDIX A-02

TASK ORDER 02 FAYETTEVILLE – DRAKE FIELD AIRPORT RUNWAY PAVEMENT AND LIGHTING REHABILITATION DESIGN AND BIDDING

This TASK ORDER is made as of December 15th, 2020 by and between the CITY OF FAYETTEVILLE of Fayetteville, Arkansas hereinafter referred to as "CITY OF FAYETTEVILLE," and GARVER, LLC, hereinafter referred to as "GARVER", in accordance with the provisions of the AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES executed on November 17, 2020.

Under this Task Order, the CITY OF FAYETTEVILLE intends to make the following improvements for the FYV Runway Pavement and Lighting Rehabilitation project.

Improvements will consist primarily of rehabilitation of the existing Runway 16-34 and connector taxiway pavements and Runway 16-34 lighting rehabilitation. Previously designed improvements to the south Taxiway B connector to Runway 16-34 will be included in the final design package.

GARVER will provide professional services related to these improvements as described herein.

SECTION 1 - SCOPE OF SERVICES

GARVER will provide services as detailed in Exhibit A-02.

SECTION 2 – PAYMENT

For the work described under SECTION 1 - SCOPE OF SERVICES, the CITY OF FAYETTEVILLE will pay GARVER on a lump sum basis.

The table below presents a summary of the fee amounts and fee types for this contract.

WORK DESCRIPTION	FEE AMOUNT	FEE TYPE
Surveys	\$13,650	Lump Sum
Geotechnical Services	\$40,950	Lump Sum
Nondestructive Testing (NDT)	\$31,150	Lump Sum
Pavement Condition Analysis	\$8,800	Lump Sum
Preliminary Design – Runway Rehabilitation	\$82,000	Lump Sum
Preliminary Design – Lighting Rehabilitation	\$54,900	Lump Sum
Final Design – Runway Rehabilitation	\$52,700	Lump Sum
Final Design – Lighting Rehabilitation	\$29,950	Lump Sum
Bidding Services	\$11,250	Lump Sum
TOTAL FEE	\$325,350	

The lump sum amount to be paid under this agreement is \$325,350. For informational purposes, a breakdown of GARVER's estimated costs is included in Exhibit B-02 with approximate current hourly rates for each employee classification.

Additional Services (Extra Work). For work not described or included in Section 1 – Scope of Services but requested by the CITY OF FAYETTEVILLE in writing, the CITY OF FAYETTEVILLE will pay GARVER, for time spent on the project, at the rates shown in Exhibit B-02 for each classification of GARVER's personnel, plus overhead, plus 15% profit, plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel.

SECTION 3 –EXHIBITS

3.1 The following Exhibits are attached to and made a part of this Agreement:

- 3.1.1 Exhibit A-02 Scope of Services
- 3.1.2 Exhibit B-02 Manhour Tables
- 3.1.3 Exhibit C-02 Project Exhibit


This Agreement may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Approval and acceptance of this Task Order, including attachments listed in SECTION 3 –EXHIBITS, shall incorporate this document as part of the Agreement. Garver is authorized to begin performance upon receipt of a copy of this Task Order signed by the CITY OF FAYETTEVILLE. The effective date of this Task Order shall be the last date written below.

CITY OF FAYETTEVILLE, ARKANSAS

GARVER

By: 
Mayor, Lioneld Jordan

By:  Digitally signed by
Michael J. Griffin
Date: 2020.11.20
10:03:05-06'00'

ATTEST:

By: 
City Clerk

Title: Senior Vice President





**EXHIBIT A-02 – SCOPE OF SERVICES
FAYETTEVILLE – DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**

Generally, the Scope of Services includes the following professional services for improvements to Runway 16-34 and connector taxiways at Fayetteville – Drake Field. Improvements will consist primarily of rehabilitation of the existing runway and connector taxiways and runway lighting rehabilitation, as shown in Exhibit C-02. Previously designed improvements to the south Taxiway B connector to Runway 16-34 will be included in the final design package.

- Field Investigations
 - Design Surveys
 - Geotechnical Services
 - Nondestructive Testing (NDT)
 - Pavement Condition Analysis
- Design Services
 - Preliminary Design
 - Final Design
- Bidding Services

A.1 Field Investigations

A.1.1 Design Surveys

Garver will provide field survey data from field work for designing the project, and this survey will be tied to the Owner's control network. Garver will conduct field surveys, utilizing radial topography methods, at intervals and for distances at and/or along the project site as appropriate for modeling the existing ground, including locations of pertinent features or improvements. Buildings and other structures, airfield pavements, streets, drainage features, airfield lights and signs, fences, trees over eight inches in diameter, visible utilities as well as those underground utilities marked by their owners and/or representatives, and any other pertinent topographic features that may be present at and/or along the project site, will be located. Control points will be established for use during construction. Garver will coordinate with ATCT and Airport staff to complete surveys during daytime hours while the ATCT is open. It is estimated that a survey crew will be on-site for a week to complete the survey.

Garver will assemble data obtained during the performance of the field surveys in an AutoCAD Civil3D base map drawing to be utilized for design of the project.

A.1.2 Geotechnical Services

McClelland Consulting Engineers, as a subconsultant to Garver, will be responsible for obtaining, interpreting, and evaluating geotechnical data necessary for the design of this project. The following is a summary of the geotechnical services provided under this Scope of Services.

Twenty (20) subsurface borings will be drilled through the existing runway pavements to evaluate the existing runway pavement section and underlying subsurface soil conditions. The borings will be spaced approximately equally along the full length and width of Runway 16-34. In addition, six (6) test pits will be excavated along the runway edge at approximate 1,000-ft intervals to allow for further evaluation of subgrade conditions and collection of bulk soil samples. Boring and test pit locations will be laid out prior to the start of the field work, and a utility location service will be requested to mark underground utilities in the vicinity of the proposed boring and test pit locations. Borings and test pits



will be advanced to a depth sufficient to determine the material properties of the subgrade soils (estimated 7.5-ft depth).

All field work will be coordinated with the City of Fayetteville prior to the work being performed. Boring and test pit layout and marking will be conducted during daytime hours while the ATCT is open. Runway 16-34 will be closed while the geotechnical field exploration is completed. Garver will be on-site during the field exploration to document and review the pavement section, subgrade conditions, and presence of water.

The final geotechnical report submitted for the project will be peer reviewed to confirm completeness and conformance to geotechnical standards of practice. Geotechnical peer review services will be provided by Terracon.

A.1.3 Nondestructive Testing (NDT)

Garver will use a subconsultant to perform Nondestructive Testing (NDT) in accordance with the standards set forth in FAA AC 150/5370-11B. Per FAA AC 150/5370-11B, a "project level" analysis frequency will be utilized for the NDT to ensure adequate data is obtained to determine an appropriate rehabilitation alternative. Previous "network level" NDT data obtained by All About Pavements will be utilized to reduce the amount of additional testing required to reach a "project level" analysis. Per AC 150/5370-11B, "project level" objectives include:

- Evaluate the load-carrying capacity of existing pavements
- Provide material properties of in-situ pavement layers for the design of pavement rehabilitation alternatives, which include restoration, functional and structural overlays, partial reconstruction (for example, runway keel), and complete reconstruction

The NDT study will be completed on two consecutive days to be coordinated with the airport manager. The NDT testing will be completed during daytime hours on a "pull-back" basis in communication with ATCT. A NDT testing report will be developed by the subconsultant that summarizes the on-site investigation and will include, at a minimum, the following:

- Summary of NDT results and testing methods
- Deflection data for each section of the runway
- Field CBR back-calculated from the deflection data and the comparison to laboratory calculated CBR
- Elastic modulus of each layer in the pavement cross section
- Define and confirm pavement strength

A.1.4 Pavement Condition Analysis

Prior to obtaining field data, Garver will perform a thorough review of the runway's historic construction data, design considerations, test results, as-built drawings, pavement design reports, airport layout plan, and maintenance history.

Garver will perform a Pavement Conditions Index (PCI) survey for Runway 16-34 per the standards set forth in ASTM D5340 "Standard Test Method for Airport Pavement Condition Index Surveys" and FAA AC 150/5380-6C. The PCI survey will include an adequate amount of pavement inspection to provide a "project level" confidence level.

Prior to performing the PCI survey, Garver will subdivide the runway into sections based on traffic and construction history. Garver will survey approximately 10% of each section to determine the PCI of



each section. During the survey, Garver will measure and document visual distresses on the pavement's surface.

A.2 Design Services

A.2.1 General

Garver will prepare detailed construction drawings, specifications, instructions to bidders, and general provisions and special provisions, all based on guides furnished to Garver by the City of Fayetteville and FAA, or internally developed by Garver. Contract Documents (Plans, Specifications, and Estimates) will be prepared for award of one (1) construction contract. These designs shall conform to the standards of practice ordinarily used by members of GARVER's profession practicing under similar conditions and shall be submitted to the FAA office from which approval must be obtained.

A.2.2 Owner / Agency Coordination

Garver's project manager and/or design team will coordinate with the City of Fayetteville as necessary to coordinate design decisions, site visits, document procurement, or other design needs. As needed, Garver will coordinate design decisions with the Airport's Part 139 inspector.

A.2.3 Quality Control

Garver will develop a project specific quality control plan. The quality control plan will include the project background and scope, stakeholder contact information, project team and roles, design criteria, project schedule, and quality control procedures.

Garver will complete a quality control review prior to any design submission to City of Fayetteville and/or FAA. QC reviews will be completed by a senior construction observer and project manager. Weekly internal progress meetings will be held during all design phases to ensure adequate quality control throughout the design phases.

A.2.4 Environmental Coordination

Garver will coordinate and complete documentation for submission to FAA to receive environmental clearance for the project. Documentation will include that required by the documented CATEX questionnaire of FAA SOP 5.0, if so required by the FAA.

A.2.5 Airspace Analysis

Garver will prepare and submit the project to the FAA for permanent airspace clearance on the Obstruction Evaluation and Airport Airspace Analysis (OE/AAA) website and coordinate with FAA representatives.

A.2.6 DBE Coordination

Garver will coordinate with the FAA's Office of Civil Rights and update the Airport's three-year Disadvantaged Business Enterprises (DBE) goal to include the proposed project.

A.2.7 Construction Safety and Phasing Plan

Garver will develop a construction safety and phasing plan (CSPP) for the project. During development of the CSPP, Garver will hold a meeting with Airport staff and other stakeholders at the Airport's request to obtain feedback regarding operations during each proposed phase of construction.



After receiving comments from the meeting, Garver will develop a preliminary CSPP for the City of Fayetteville's review prior to submission to the FAA. After incorporating City comments, the CSPP will be submitted to FAA for review through the OE/AAA website.

A.2.8 Existing Conditions Review

A.2.8.1 *Record Document Review*

Garver will review record document data from the vicinity of the construction site to evaluate existing conditions. Record document data may include record drawings, record surveys, utility maps, GIS data, and previous design reports.

A.2.8.2 *Site Visits*

Garver's civil and electrical engineers will perform up to three (3) site visits to the project site to review existing conditions and evaluate survey and record document data.

A.2.9 Rehabilitation Analysis

Garver will evaluate the structural life of the existing pavement. The pavement's structural life will be evaluated using FAARFIELD and the existing pavement and subgrade strengths determined through the field investigations. The fleet mix developed during the most recent Master Plan Update will be used to evaluate the existing pavement section.

Garver will use the data obtained by the runway survey to determine whether the vertical alignment of the runway meets current FAA design requirements. In addition, Garver will perform a line of sight evaluation on the existing runway profile.

If the Runway 16-34 existing pavement system is determined to be deficient in condition or structural life remaining, Garver will provide a minimum of three alternatives to rehabilitate the existing system. This includes any changes to pavement structure, electrical systems, and vertical alignment. Costs, including life-cycle cost analysis, and potential impacts of phasing alternatives for each rehabilitation option will be included in the analysis.

For the purposes of this scope, it is anticipated that a runway overlay, mill and overlay, or partial reconstruction will be the preferred alternative for final design.

Garver will also review runway shoulder and RSA slopes. If necessary, Garver will provide minor grading design to correct any major deficiencies in the RSA grades.

A.2.10 Airfield Electrical

Garver will design a new can and conduit runway edge lighting system utilizing medium intensity LED runway edge lights for Runway 16-34.

Garver will design the replacement of all conductors for the Runway 16-34 edge lighting system.

The mandatory hold and runaway exit signage will be evaluated during design. Existing signage that is in good condition and upgradable to LED will be upgraded. Existing signage that is in failing condition or cannot be upgraded to LED will be replaced in full. Locations that currently do not have necessary signage will be modified to have that signage installed as LED type. Concrete foundations will be installed to support all runway and taxiway signs.



In addition, Garver will review the existing taxiway naming condition and provide recommendations to FYV for updates to the naming system based on FAA guidance. Garver will coordinate any updates to the Airport's AFD referencing the change. Existing guidance sign panels will be replaced to reflect new taxiway naming system where possible. Where existing signage is unable to accommodate a panel replacement the signs will be removed, and new LED guidance signs constructed on new concrete bases

Garver will design a new electrical vault to house the airfield lighting power and control equipment. Existing equipment will be relocated to the new vault where able, pending functionality and status of usable life design review. All existing circuits and the new runway edge lighting circuit will be tied into the new vault via a new homerun duct bank. Garver will design the installation of ATCT lighting control to the new vault location by providing a new L-821 control panel in the vault, new control conductors and conduit to the ATCT, and terminated to the ATCT lighting switch panel. If the ATCT switch panel is reusable, it will be reused otherwise it will be replaced with a new auxiliary control panel.

A.2.11 Utility Design and Coordination

As necessary, Garver will coordinate with the Airport and FAA to locate and protect any existing utilities or Navigational Aid cables.

Garver will furnish plans to all known utility owners potentially affected by the project at each stage of development. Garver will conduct coordination meetings among all known affected utility owners to enable them to coordinate efforts for any necessary utility relocations. Garver will include the surveyed locations of the observable and marked utilities in the construction plans. Garver will also include proposed and/or relocated utility information in the construction plans as provided by the utility companies.

A.2.12 Plan Set Development

The following matrix details the plan drawings to be included in each design submittal.

Plan Set	Design Phase	
	90% Preliminary	100% Issued for Bid
Cover Sheet	X	X
Sheet Index	X	X
General Notes	X	X
Project Layout Plan	X	X
Survey Control Plan	X	X
Construction Safety Plans	X	X
Construction Safety Details	X	X
Existing Conditions Plans	X	X
Erosion Control Plans	X	X
Erosion Control Details	X	X
Demolition Plans	X	X
Demolition Details	X	X
Drainage Plans	X	X



Drainage Details	X	X
Utility Plans	X	X
Utility Details	X	X
Typical Sections	X	X
Paving Plans	X	X
Paving Details	X	X
Grading Plans	X	X
Grading Details	X	X
Joint Details	X	X
Elevation Plans	X	X
Elevation Details	X	X
Pavement Marking Plans	X	X
Pavement Marking Details	X	X
Electrical Notes	X	X
Lighting Removal Plans	X	X
Lighting Installation Plans	X	X
Lighting Details	X	X
Power Installation Plans	X	X
Power and Control Diagrams	X	X
Cross Sections	X	X

A.2.13 Specifications and Contract Documents

A.2.13.1 *Technical Specifications*

Detailed specifications shall be developed using FAA "Standards for Specifying Construction for Airports" AC 150/5370-10 (latest edition) or other appropriate standards approved for use by the FAA. Additional supplementary specifications will be developed for project requirements not covered by FAA AC150/5370-10 or when state or local standards are approved by the FAA.

A.2.13.2 *Construction Contract Documents*

Garver will develop construction contract documents based on EJCDC standards. A specimen copy of the General Provisions and applicable prevailing wage rates will be obtained by Garver from the FAA and/or Department of Labor as appropriate for incorporation into the specifications for the proposed project. Final construction contract documents will be submitted to the City of Fayetteville for final review and approval.

A.2.14 Engineer's Report

Garver will prepare an Engineer's Report to outline the project's design criteria and design considerations. The report will discuss design decisions of all major project parameters. A summary of the sections to be included in the Engineer's Report are shown below:

- Executive Summary
- Project Background
- Existing Conditions



- Site Survey
- Geotechnical and NDT Investigation
- Pavement Condition Analysis
- Project Photographs
- Applicable AIP Standards
- Construction Safety and Phasing
- Pavement Design and Rehabilitation
- Airfield Lighting and Signage
- Pavement Markings
- Environmental Considerations
- Miscellaneous Design Items
- Modifications to AIP Standards
- Non-AIP-Eligible Work Items
- DBE Participation
- Project Schedule
- Engineer's Opinion of Probable Cost

A.2.15 Quantities and Engineer's Opinion of Probable Cost.

Garver will develop detailed quantities in PDF format for use in construction cost estimating for each design phase. Quantities will be completed by pay item. Garver will use a DBE Subconsultant (Iconic Consulting Group) to develop detailed cost estimates at the completion of the preliminary and final design phases.

A.2.16 Design Services Submission and Meeting Summary

The following design submittal phases shall be included in the fee summary. A summary of each design phase and the associated review meetings is included below.

A.2.16.1 90% Preliminary Design

Garver will develop 90% design plans, specifications, and engineer's report and submit these to the City of Fayetteville for review. It is anticipated that the City of Fayetteville will review the design submission within two (2) weeks.

At the completion of the Owner review period, Garver will meet with the City of Fayetteville to review the 90% final design plans, specifications, and engineer's report and to receive City of Fayetteville comments and direction.

A.2.16.2 100% Issued for Bid (IFB)

Garver will develop 100% IFB plans and specifications and submit these to the City of Fayetteville for review. It is anticipated that the City of Fayetteville will review the IFB submission within two (2) weeks.

A.3 Bidding Services

Garver will assist the City of Fayetteville in advertising for and obtaining bids or negotiating proposals for one prime contract for construction, materials, equipment and services; and, where applicable, maintain a record of prospective bidders to whom Bidding Documents have been issued, and attend a pre-bid conference. The City of Fayetteville will pay advertising costs outside of this contract.



Garver will issue addenda as appropriate to interpret, clarify or expand the Bidding Documents. Garver will consult with and advise the City of Fayetteville as to the acceptability of subcontractors, suppliers and other persons and organizations proposed by the prime contractor(s) (herein called "Contractor(s)") for those portions of the work as to which such acceptability is required by the Bidding Documents. Garver will consult with the City of Fayetteville concerning and determine the acceptability of substitute materials and equipment proposed by Contractor(s) when substitution prior to the award of contracts is allowed by the Bidding Documents.

Garver will attend the bid opening, prepare a bid tabulation, and assist the City of Fayetteville in evaluating bids or proposals and in assembling and awarding contracts for construction, materials, equipment, and services. Garver will assist the City of Fayetteville in the execution of all contract documents and furnish a sufficient number of executed documents for the City of Fayetteville, Contractor and FAA.

A.4 Construction Administration Services

To be added through contract amendment.

A.5 On-Site Resident Project Representative Services

To be added through contract amendment.

A.6 Materials Testing Services

To be added through contract amendment.

A.7 Project Closeout Services

To be added through contract amendment.

A.8 Project Deliverables

The following deliverables will be submitted to the parties identified below. Unless otherwise noted below, all deliverables shall be electronic.

1. Preliminary Design Plans, Specifications, and Engineer's Report to the City of Fayetteville and FAA for review.
2. Final Issued for Bid Plans, Specifications, and Engineer's Report to the City of Fayetteville and FAA.
3. Issued for Construction Plans and Specifications to the City of Fayetteville, Contractor, and FAA.
 - a. Three hard copies to the Contractor
 - b. One copy to the FAA
4. Other electronic files as requested.

A.9 Additional Services

The following items are not included under this agreement but will be considered as additional services to be added under Amendment if requested by the City of Fayetteville.

1. Redesign for the City of Fayetteville's convenience or due to changed conditions after previous alternate direction and/or approval.
2. Submittals or deliverables beyond those listed herein.



3. Design of any utility relocation other than airfield electrical work associated with the project.
4. Design of ALCMS control system.
5. Drainage design and/or evaluation.
6. Retaining walls or other significant structural design.
7. Construction phase services, including materials testing. This work is anticipated to be included in a separate Task Order.
8. Preparation of a Storm Water Pollution Prevention Plan (SWPPP).
9. Environmental Handling and Documentation, including wetlands identification or mitigation plans or other work related to environmentally or historically (culturally) significant items.
10. Coordination with FEMA and preparation/submittal of a CLOMR and/or LOMR.
11. Services after construction, such as warranty follow-up, operations support, and Part 139 inspection support.
12. Engineering, architectural, or other professional services beyond those listed herein.
13. Litigation assistance.

Extra work will be as directed by the City of Fayetteville in writing for an additional fee as agreed upon by the City of Fayetteville and Garver.

A.10 Schedule

Garver shall begin work under this Agreement within ten (10) days of execution of this Task Order and shall complete the work within a mutually agreeable schedule with the City of Fayetteville.

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
 RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
SURVEYS

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	S-5	S-4	2-Man Crew (Survey)
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$55.59	\$41.92	\$63.60
	hr	hr	hr	hr	hr	hr	hr	hr
1. Topographic Survey								
A.1.1 Design Surveys								
Survey Coordination						2		
Survey Layout Map		1				2	4	
Topographic Surveys								40
Data Processing/DTM Preparation				1			20	
QC Review of Survey Basemap		1		4				
Subtotal - Topographic Survey	0	2	0	5	0	4	24	40

Hours	0	2	0	5	0	4	24	40
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Salary Costs	\$0.00	\$120.58	\$0.00	\$213.20	\$0.00	\$222.36	\$1,006.08	\$2,544.00
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SUBTOTAL - SALARIES:	\$4,106.22
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$7,696.70
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$26.64
Postage/Freight/Courier	\$0.00
Travel Costs	\$50.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$76.64
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SUBTOTAL:	\$11,879.56
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SUBCONSULTANTS FEE (None):	\$0.00
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PROFESSIONAL FEE	\$1,770.44
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TOTAL FEE:	\$13,650.00
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EXHIBIT B-02**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION****GEOTECHNICAL SERVICES**

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.1.2 Geotechnical Services								
Coordination with Geotechnical Subconsultant			6					
Coordination with Airport for Runway Closures		2	3					
Boring Layout			2		2			
Geotechnical Investigation (2 Nights)			6		16			
Review Geotechnical Report		2	8		2			
Subtotal - Civil Engineering	0	4	25	0	20	0	0	0
Hours	0	4	25	0	20	0	0	0
Salary Costs	\$0.00	\$241.16	\$1,289.25	\$0.00	\$734.40	\$0.00	\$0.00	\$0.00

SUBTOTAL - SALARIES: **\$2,264.81**

LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD: **\$4,245.16**

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$27.53
Postage/Freight/Courier	\$0.00
Travel Costs	\$20.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: **\$47.53**

SUBTOTAL: **\$6,557.50**

SUBCONSULTANTS FEE (Geotechnical Study): **\$31,166.00**

SUBCONSULTANTS FEE (Geotechnical Peer Review): **\$2,250.00**

PROFESSIONAL FEE **\$976.50**

TOTAL FEE: **\$40,950.00**

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
 RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
NON-DESTRUCTIVE TESTING

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.1.3 Non-Destructive Testing								
Coordination with NDT Subconsultant		2	4					
Site Visit During NDT Field Evaluation			4		4			
Review of NDT Report		2	14					
Subtotal - Civil Engineering	0	4	22	0	4	0	0	0

Hours	0	4	22	0	4	0	0	0
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Salary Costs	\$0.00	\$241.16	\$1,134.54	\$0.00	\$146.88	\$0.00	\$0.00	\$0.00
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SUBTOTAL - SALARIES:	\$1,522.58
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$2,853.92
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$28.03
Postage/Freight/Courier	\$0.00
Travel Costs	\$20.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$48.03
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SUBTOTAL:	\$4,424.53
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SUBCONSULTANTS FEE (NDT Data Collection):	\$26,069.00
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PROFESSIONAL FEE	\$656.48
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TOTAL FEE:	\$31,150.00
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EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**

PAVEMENT CONDITION ANALYSIS

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.1.4 Pavement Condition Analysis								
Review of As-Built Drawings		1	3		2			
Development of PAVER Database		1	3					8
Section & Inspection Layout Maps		1	4					10
Field Inspector .I70 File Conversion								8
On-Site PCI Survey		1			11			20
PCI Survey Data Upload					2			4
Subtotal - Civil Engineering	0	4	10	0	15	0	0	50

Hours	0	4	10	0	15	0	0	50
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Salary Costs	\$0.00	\$241.16	\$515.70	\$0.00	\$550.80	\$0.00	\$0.00	\$1,339.00
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SUBTOTAL - SALARIES: \$2,646.66

LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD: \$4,960.90

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$31.31
Postage/Freight/Courier	\$0.00
Travel Costs	\$20.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$51.31

SUBTOTAL: \$7,658.87

SUBCONSULTANTS FEE (None): \$0.00

PROFESSIONAL FEE \$1,141.13

TOTAL FEE: \$8,800.00

EXHIBIT B-02
**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
PRELIMINARY DESIGN - RUNWAY REHABILITATION

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.2.2 Owner / Agency Coordination								
Coordination with City of Fayetteville		12		12				
Coordination with FAA		4		8				
A.2.3 Quality Control								
Kickoff Meeting		4		4				
Development of QC Plan		1		4				
A.2.4 Environmental CATEX Coordination		1		4			10	5
A.2.5 OE/AAA Airspace Analysis		1		4				6
A.2.6 DBE Coordination		1		4				2
A.2.7 Construction Safety and Phasing Plan (CSPP)								
CSPP Development		2		6				24
CSPP Review Meeting with Owner/Tenants		2		4				
A.2.8 Existing Conditions Review								
Record Document Review		1		4				
Site Visits (3)		8		12				
A.2.9 Rehabilitation Analysis								
Establish Design Criteria		2		10				
Rehabilitation and Alternatives Analysis		1		12				
Pavement Design & LCCA		1		12				
A.2.11 Utility Design and Coordination		1		3				
A.2.12 Preliminary Plan Set								
Cover Sheet & Index of Sheets		1			1			2
Survey Control Plan		1			1			4
General Notes		1			2			2
Construction Safety Plans and Details		2			12			10
Existing Conditions Plans		1			5			10
Erosion Control Plans and Details		1			5			12
Demolition Plans and Details		1			4			12
Drainage Plans and Details		1			2			4
Utility Plans and Details		1			4			8
Typical Sections		2			6			12
Paving and Rehabilitation Plans and Details		1			20			32
Grading Plans and Details		1			4			12
Joint Details		1			2			4
Elevation Plans and Details		1			16			12
Pavement Marking Plans and Details		1			8			24
Miscellaneous Details		1			8			20
A.2.13 Specifications and Contract Documents		4		16				
A.2.14 Preliminary Engineer's Report		4		20				10
A.2.15 Quantities and Engineer's Opinion of Probable Cost								
Preliminary Quantities		1		2				4
Preliminary Engineer's Estimate of Probable Cost		1		2				4
A.2.16 Design Services Submission and Meeting Summary								
Preliminary QC Review		8		10				6
Printing and Reproduction for Submittal		1		2				6
Preliminary Owner Review Meeting		4		4				
Subtotal - Civil Engineering	0	83	0	159	100	0	10	247
Hours	0	83	0	159	100	0	10	247
Salary Costs	\$0.00	\$5,004.07	\$0.00	\$6,779.76	\$3,672.00	\$0.00	\$342.80	\$6,614.66

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**

PRELIMINARY DESIGN - RUNWAY REHABILITATION

SUBTOTAL - SALARIES:	\$22,413.29
LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:	\$42,011.47
<u>DIRECT NON-LABOR EXPENSES</u>	
Document Printing/Reproduction/Assembly	\$86.53
Postage/Freight/Courier	\$25.00
Travel Costs	\$50.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$161.53
SUBTOTAL:	\$64,586.29
SUBCONSULTANTS FEE (Cost Estimating):	\$4,000.00
SUBCONSULTANTS FEE (QC Review):	\$3,750.00
PROFESSIONAL FEE	\$9,663.71
TOTAL FEE:	\$82,000.00

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
 RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
PRELIMINARY DESIGN - LIGHTING REHABILITATION

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Electrical Engineering								
A.2.2 Owner / Agency Coordination								
Coordination with City of Fayetteville			2		2			
Coordination with FAA			2		4			
A.2.3 Quality Control								
Kickoff Meeting			4		4			
Development of QC Plan			2		2			
A.2.8 Existing Conditions Review								
Record Document Review			1		6			
Site Visits (3)			12		12			
A.2.10 Airfield Electrical								
Runway Edge Lighting Design			2		8			
Homerun Circuit Route Research and Design			1		4			
Existing Guidance Sign Evaluation			2		4			
Taxiway Naming Convention Development			8		8			
Proposed Guidance Sign Layout			4		8			
Electrical Vault Building Siting			4		4			
Electrical Vault Building Design and Layout			8		16			
Electrical Load Calculations			4		8			
Airfield Lighting Control Design			8		8			
ATCT Modifications Design			8		8			
A.2.11 Utility Design and Coordination			2		2			
A.2.12 Preliminary Plan Set								
General Electrical Notes					2			8
Electrical Demolition Plans			2		8			32
Electrical Demolition Details					8			24
Lighting Installation Plans			2		20			40
Lighting Installation Details					8			30
A.2.13 Specifications and Contract Documents			8		16			
A.2.14 Preliminary Engineer's Report			4		8			
A.2.15 Quantities and Engineer's Opinion of Probable Cost								
Preliminary Quantities			2		8			
Preliminary Engineer's Estimate of Probable Cost			2		8			
A.2.16 Design Services Submission and Meeting Summary								
Preliminary QC Review			8		8			
Printing and Reproduction for Submittal					2			
Preliminary Owner Review Meeting			4					
Subtotal - Electrical Engineering	0	0	106	0	204	0	0	134
Hours	0	0	106	0	204	0	0	134
Salary Costs	\$0.00	\$0.00	\$5,466.42	\$0.00	\$7,490.88	\$0.00	\$0.00	\$3,588.52

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**

PRELIMINARY DESIGN - LIGHTING REHABILITATION

SUBTOTAL - SALARIES: \$16,545.82

LABOR AND GENERAL
ADMINISTRATIVE OVERHEAD: \$31,013.49

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$176.80
Postage/Freight/Courier	\$0.00
Travel Costs	\$30.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$206.80

SUBTOTAL: \$47,766.11

SUBCONSULTANTS FEE (None): \$0.00

PROFESSIONAL FEE \$7,133.90

TOTAL FEE: \$54,900.00

EXHIBIT B-02
**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
FINAL DESIGN - RUNWAY REHABILITATION

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.2.2 Owner / Agency Coordination								
Coordination with City of Fayetteville		12		12				
Coordination with FAA		4		8				
A.2.7 Construction Safety and Phasing Plan (CSPP)		2		8				
A.2.12 Final Plans								
Cover Sheet & Index of Sheets		1			2			2
Survey Control Plan		1			2			4
General Notes		1			2			4
Construction Safety Plans and Details		4			6			12
Existing Conditions Plans		2			6			8
Erosion Control Plans and Details		2			6			8
Demolition Plans and Details		1			4			8
Drainage Plans and Details		1			4			6
Utility Plans and Details		1			4			6
Typical Sections		3			4			6
Paving and Rehabilitation Plans and Details		3			8			12
Grading Plans and Details		2			4			8
Joint Details		1			2			4
Elevation Plans and Details		2			4			8
Pavement Marking Plans and Details		2			4			8
Miscellaneous Details		1			2			8
A.2.13 Specifications and Contract Documents		10		24				12
A.2.14 Final Engineer's Report		6		18				12
A.2.15 Quantities and Engineer's Estimate of Probable Cost								
Final Quantities		2		4				8
Final Engineer's Estimate of Probable Cost		2		4				4
A.2.16 Design Services Submission and Meeting Summary								
Final QC Review		6		6				6
Printing and Reproduction for Submittal		1		2				6
Subtotal - Civil Engineering	0	73	0	86	64	0	0	160

Hours	0	73	0	86	64	0	0	160
Salary Costs	\$0.00	\$4,401.17	\$0.00	\$3,667.04	\$2,350.08	\$0.00	\$0.00	\$4,284.80

SUBTOTAL - SALARIES: \$14,703.09

LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD: \$27,559.47

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$78.05
Postage/Freight/Courier	\$0.00
Travel Costs	\$20.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$98.05

SUBTOTAL: \$42,360.61

SUBCONSULTANTS FEE (Cost Estimating): \$4,000.00

PROFESSIONAL FEE \$6,339.38

TOTAL FEE: \$52,700.00

EXHIBIT B-02
**FAYETTEVILLE - DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
FINAL DESIGN - LIGHTING REHABILITATION

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Electrical Engineering								
A.2.2 Owner / Agency Coordination								
Coordination with FAA			2		4			
A.2.12 Final Plans								
General Electrical Notes			2		4			8
Electrical Demolition Plans			4		4			16
Electrical Demolition Details			2		4			16
Lighting Installation Plans			4		8			16
Lighting Installation Details			4		8			16
A.2.13 Specifications and Contract Documents			8		24			
A.2.14 Final Engineer's Report			8		16			12
A.2.15 Quantities and Engineer's Estimate of Probable Cost								
Final Quantities			4		16			
Final Engineer's Estimate of Probable Cost			2		8			
A.2.16 Design Services Submission and Meeting Summary								
Final QC Review			12		8			8
Printing and Reproduction for Submittal					2			
Subtotal - Electrical Engineering	0	0	52	0	106	0	0	92

Hours	0	0	52	0	106	0	0	92
Salary Costs	\$0.00	\$0.00	\$2,681.64	\$0.00	\$3,892.32	\$0.00	\$0.00	\$2,463.76

SUBTOTAL - SALARIES: **\$9,037.72**

LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD: **\$16,940.30**

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$55.27
Postage/Freight/Courier	\$0.00
Travel Costs	\$20.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: **\$75.27**

SUBTOTAL: **\$26,053.29**

SUBCONSULTANTS FEE (None): **\$0.00**

PROFESSIONAL FEE **\$3,896.70**

TOTAL FEE: **\$29,950.00**

EXHIBIT B-02

**FAYETTEVILLE - DRAKE FIELD AIRPORT
 RUNWAY PAVEMENT AND LIGHTING REHABILITATION**
BIDDING SERVICES

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	E-1	P-1	D-1	T-1
	\$73.55	\$60.29	\$51.57	\$42.64	\$36.72	\$44.22	\$34.28	\$26.78
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
A.3 Bidding Services								
Dispense plans and specs to prospective bidders			2					
Addendums/Inquiries		2	6		4			
Pre-Bid Meeting		6	6					
Bid Opening		4	4					
Prepare Bid Tabulation		1	3		4			
Evaluate Bids and Recommend Award		2	6					
Prepare Grant Application		2	10		4			
Subtotal - Civil Engineering	0	17	37	0	12	0	0	0

Hours	0	17	37	0	12	0	0	0
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Salary Costs	\$0.00	\$1,024.93	\$1,908.09	\$0.00	\$440.64	\$0.00	\$0.00	\$0.00
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SUBTOTAL - SALARIES:	\$3,373.66
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$6,323.59
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$88.16
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Postage/Freight/Courier	\$0.00
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Travel Costs	\$10.00
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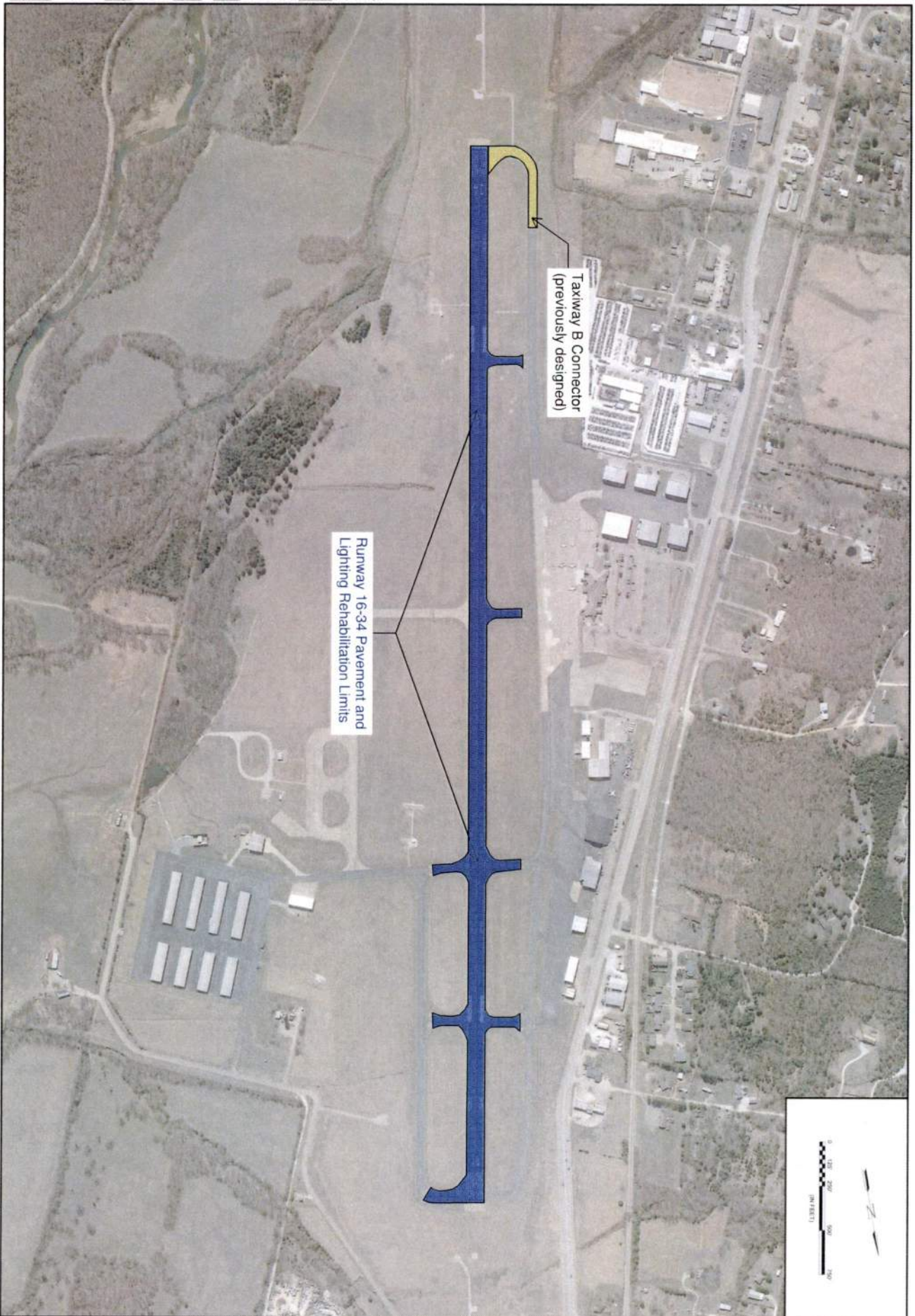
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$98.16
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SUBTOTAL:	\$9,795.41
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SUBCONSULTANTS FEE (None):	\$0.00
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PROFESSIONAL FEE	\$1,454.59
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TOTAL FEE:	\$11,250.00
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JOB NO. 21A1271
 DATE NOV 2020
 DESIGNED BY KAB
 DRAWN BY JPH
 EXB 2
 SHEET
 NUMBER 1

DRAKE FIELD (FYV)
 RUNWAY PAVEMENT AND
 LIGHTING REHABILITATION
 EXHIBIT C-02
 FAYETTEVILLE, ARKANSAS

REV	DATE	DESCRIPTION	BY

GARVER

Garver Engineering, Inc.
 1000 North Main Street
 Fayetteville, AR 72701
 Phone: (479) 326-1000
 Fax: (479) 326-1001
 Email: info@garver.com
 Website: www.garver.com

City of Fayetteville, Arkansas Budget Adjustment Form (Legistar)

Budget Year 2020	Division /Org2 AIRPORT SERVICES (760) Requestor: Dee McCoy	Adjustment Number
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BUDGET ADJUSTMENT DESCRIPTION / JUSTIFICATION:

Staff requests execution of a budget adjustment in the amount of \$357,885 for Task Order 02 with Garver, LLC to complete design and bidding services for the proposed Runway 16-34 pavement and lighting rehabilitation project. The Aviation Division may expend up to \$357,885 of its fund balance reserve. This amount includes \$292,815 for cash-flow to cover the FAA's 90% share until reimbursement in summer 2021, \$32,535 for cash-flow to cover the ADA's 10% share until reimbursement at the end of the project, and a 10% project contingency of \$32,535.

	COUNCIL DATE:	12/15/2020
	LEGISTAR FILE ID#:	2020-1035
	<i>Holly Black</i>	
	<i>11/23/2020 9:20 AM</i>	
	Budget Director	Date
	TYPE:	
	JOURNAL #:	
	GLDATE:	
	CHKD/POSTED:	/
RESOLUTION/ORDINANCE		

[illegible]

APPENDIX A-03

TASK ORDER 03 FAYETTEVILLE – DRAKE FIELD AIRPORT RUNWAY PAVEMENT AND LIGHTING REHABILITATION CONSTRUCTION PHASE SERVICES

This TASK ORDER is made as of _____, 2021 by and between the CITY OF FAYETTEVILLE of Fayetteville, Arkansas hereinafter referred to as “CITY OF FAYETTEVILLE,” and GARVER, LLC, hereinafter referred to as “GARVER”, in accordance with the provisions of the AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES executed on November 17, 2021.

Under this Task Order, the CITY OF FAYETTEVILLE intends to make the following improvements for the FYV Runway Pavement and Lighting Rehabilitation project.

Improvements will consist primarily of rehabilitation of the existing runway and connector taxiway pavements, runway lighting and signage improvements, and construction of a new electrical vault. The project also includes previously designed improvements to the south Taxiway B connector to Runway 16-34.

GARVER will provide professional services related to these improvements as described herein.

SECTION 1 - SCOPE OF SERVICES

GARVER will provide services as detailed in Exhibit A-03.

SECTION 2 – PAYMENT

For the work described under SECTION 1 - SCOPE OF SERVICES, the CITY OF FAYETTEVILLE will pay GARVER on a lump sum basis and cost plus basis. This task order is contingent upon receipt of sufficient grant funds from the Federal Aviation Administration.

The table below presents a summary of the fee amounts and fee types for this contract.

WORK DESCRIPTION	FEE AMOUNT	FEE TYPE
Construction Administration Services	\$62,000	Lump Sum
On-Site Construction Observation Services	\$123,000	Cost+FF
Materials Testing Services	\$40,000	Cost+FF
Project Closeout Services	\$10,000	Lump Sum
TOTAL FEE	\$235,000	

Construction Administration and Project Closeout Services:

The CITY OF FAYETTEVILLE will pay GARVER the lump sum amount not to exceed \$72,000. For informational purposes, a breakdown of GARVER’s estimated costs is included in Exhibit A-03 with approximate current hourly rates for each employee classification.

On-Site Construction Phase Services:

The CITY OF FAYETTEVILLE will pay GARVER, for time spent on the project, at the unburdened hourly payroll rate of each of GARVER's personnel during the performance of these services for work time directly connected with the project, plus payroll and general overhead costs of 187.44% of the unburdened hourly rate, plus direct reimbursable expenses normal and necessary for the completion of the project, plus a fixed fee of \$15,782.47. Estimated cost of these services, including the fixed fee is \$123,000. The actual total fee may not exceed this estimate without prior approval from the CITY OF FAYETTEVILLE. For informational purposes, a breakdown of GARVER's estimated costs is included in Exhibit A-03 with approximate current hourly rates for each employee classification. Underruns in any phase may be used to offset overruns in another phase as long as the overall contract amount is not exceeded.

Expenses other than salary costs that are directly attributable to performance of our professional services will be billed as follows:

1. Direct cost for travel, long distance and wireless communications, outside reproduction and presentation material preparation, and mail/courier expenses.
2. Charges similar to commercial rates for reports, plan sheets, presentation materials, etc.
3. The amount allowed by the federal government for mileage with an additional \$0.05 for survey trucks/vans.

Materials Testing Services:

The CITY OF FAYETTEVILLE will pay GARVER, for time spent on the project, at the unburdened hourly payroll rate of each of GARVER's personnel during the performance of these services for work time directly connected with the project, plus payroll and general overhead costs of 187.44% of the unburdened hourly rate, plus direct reimbursable expenses normal and necessary for the completion of the project, plus a fixed fee of \$1,298.14. Estimated cost of these services, including the fixed fee is \$40,000. The actual total fee may not exceed this estimate without prior approval from the CITY OF FAYETTEVILLE. For informational purposes, a breakdown of GARVER's estimated costs is included in Exhibit A-03 with approximate current hourly rates for each employee classification.

The CITY OF FAYETTEVILLE will pay GARVER on a monthly basis, based upon statements submitted by GARVER to the CITY OF FAYETTEVILLE indicating the estimated proportion of the work accomplished. Payments not received within 60 days of invoice date will be subject to a one percent monthly simple interest charge.

Additional Services (Extra Work). For work not described or included in Section 1 – Scope of Services but requested by the CITY OF FAYETTEVILLE in writing, the CITY OF FAYETTEVILLE will pay GARVER, for time spent on the project, at the rates shown in Exhibit B-03 for each classification of GARVER's personnel, plus overhead, plus 15% profit, plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel.

SECTION 3 –EXHIBITS

- 3.1 The following Exhibits are attached to and made a part of this Agreement:
- 3.1.1 Exhibit A-03 Scope of Services
 - 3.1.2 Exhibit B-03 Manhour Tables
 - 3.1.3 Exhibit C-02 Project Exhibit

This Agreement may be executed in two (2) or more counterparts each of which shall be deemed an original,

but all of which together shall constitute one and the same instrument.

Approval and acceptance of this Task Order, including attachments listed in SECTION 3 –EXHIBITS, shall incorporate this document as part of the Agreement. Garver is authorized to begin performance upon receipt of a copy of this Task Order signed by the CITY OF FAYETTEVILLE. The effective date of this Task Order shall be the last date written below.

CITY OF FAYETTEVILLE, ARKANSAS

GARVER

By : _____
Mayor, Lioneld Jordan

By: _____

ATTEST:

By: _____
City Clerk

Title: _____ Senior Vice President



**EXHIBIT A-03 – SCOPE OF SERVICES
FAYETTEVILLE – DRAKE FIELD AIRPORT
RUNWAY PAVEMENT AND LIGHTING REHABILITATION (CONSTRUCTION PHASE SERVICES)**

Generally, the Scope of Services includes construction phase and project closeout services for improvements to Runway 16-34 and connector taxiways at Fayetteville – Drake Field. Improvements will consist primarily of rehabilitation of the existing runway and connector taxiways, runway lighting and signage improvements, and construction of a new electrical vault. More specifically, the Scope of Services includes the following professional engineering services:

- Construction Administration Services
- On-Site Resident Project Representative Services
- Materials Testing Services
- Project Closeout Services

A.1 Construction Administration Services

During the construction phase of work, Garver will accomplish the tasks below.

A.1.1 Issued for Construction (IFC) Documents

Garver will compile bid addendums and any other necessary plan changes due to post-bid project updates and/or funding changes into a final Issued for Construction (IFC) set of plans and specifications.

A.1.2 SWPPP Development and ADEQ Coordination

Garver will develop a SWPPP and NOI and submit to ADEQ for approval prior to start of construction.

A.1.3 Construction Management Plan

Garver will prepare a "Construction Management Plan" to be submitted to the Federal Aviation Administration (FAA) for approval. At a minimum, the plan shall list key construction personnel, qualifications of construction management personnel, and materials quality assurance information. The plan will be reviewed by the FAA project manager and must be approved along with the final plans and specifications for construction.

A.1.4 Submittals

Garver will evaluate and respond to construction material submittals and shop drawings. Corrections or comments made by Garver on the shop drawings during this review will not relieve Contractor from compliance with requirements of the drawings and specifications. The check will be for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The Contractor will be responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of all other trades, and performing his work in a safe and satisfactory manner. Garver's review shall not constitute approval of safety precautions or constitute approval of construction means, methods, techniques, sequences, procedures, or assembly of various components. When certification of performance characteristics of materials, systems or equipment is required by the Contract Documents, either directly or implied for a complete and workable system, Garver shall be entitled to rely upon such submittal or implied certification to establish that the materials, systems or equipment will meet the performance criteria required by the Contract Documents.



A.1.5 Notice to Proceed & Preconstruction Meeting

Garver will issue a Notice to Proceed letter to the Contractor. Garver will attend preconstruction meetings held in advance of both Phase 1 and in advance of Phase 2. As a minimum, Garver's Project Manager, Project Engineer, Senior Construction Observer, Construction Observer, and Electrical Engineers will attend these meetings.

A.1.6 Progress Meetings

As a minimum, Garver's Project Manager and Senior Construction Observer will attend weekly progress meetings with the Owner and Contractor. These meetings may be held either on-site or virtually. During the primary runway closure (Phase 2A), Garver's Project Manager, Project Engineer, Senior Construction Observer, and Construction Observer will attend daily on-site progress meetings with the Owner and Contractor. It is expected that a total of 26 meetings will be held. To the extent possible, progress meetings and visits to the site of the work should be scheduled to coincide with each new phase of construction, scheduled FAA inspections, and other times when Garver's presence is desirable. Garver's project engineer or his qualified representative will be available at all times when work is in progress for telephone contact by the RPR. Garver's project engineer shall direct, supervise, advise, and counsel the Resident Project Representative and construction observation personnel in the accomplishment of Garver's duties.

A.1.7 Owner Coordination

Garver will consult with and advise the Owner during the construction period. Garver will submit, when requested by the Owner, written reports to the Owner on the progress of the construction including any problem areas that have developed or are anticipated to develop. In addition, Garver shall supply to Owner such periodic reports and information as may be required by the FAA, including FAA Form 5370-1, Construction Progress and Inspection Report, or equivalent form to the Owner on a weekly basis.

A.1.8 RFIs

Garver will issue instructions to the Contractor on behalf of the Owner and issue necessary clarifications (respond to RFIs) regarding the construction contract documents.

A.1.9 Progress Payments

Garver will prepare Contractor's progress payment requests based on the actual quantities of contract items completed and accepted and will make a recommendation to the Owner regarding payment. Garver's recommendation for payment shall not be a representation that Garver has made exhaustive or continuous inspections to (1) check the quality or exact quantities of the Work; (2) to review billings from Subcontractors and material suppliers to substantiate the Contractor's right to payment; or (3) to ascertain how the Contractor has used money previously paid to the Contractor.

A.1.10 Payroll Reviews

Garver will assist the Owner in the observation of the Contractor's operations for proper classification of workers, review of the Contractor's payroll as necessary to determine compliance with Davis Bacon requirements, and conduct contractor employee interviews to determine compliance with Davis Bacon requirements. Garver will keep the Contractor's payroll records on file demonstrating compliance with the Davis Bacon requirements. In addition, Garver will monitor the contractor's posting of the required EEO notice and provide general oversight of any obvious instance of a segregated workplace.



A.1.11 DBE Compliance

Garver will assist the Owner in the review of the Contractor's compliance with the DBE goals established during bidding including preparing the monthly DBE payment log.

A.1.12 Record Drawings

Garver will maintain a set of working drawings and provide information for preparation of record drawings of the completed project. This information will be incorporated into final record drawings completed as part of Closeout Services and final record drawings will be provided to the Owner after project completion.

A.1.13 Change Orders

When authorized by the Owner, Garver will prepare change orders or supplemental agreements for changes in the work from that originally provided for in the construction contract documents. If redesign or substantial engineering or surveying is required in the preparation of these change order documents, the Owner will pay Garver an additional fee to be agreed upon by the Owner and Garver.

A.1.14 Final Inspection

Garver will participate in a pre-final walkthrough with the Owner. Garver will also participate in a final project inspection with the Owner and Contractor, prepare a punch list, review final project closeout documents, and submit the final pay request.

A.2 On-Site Resident Project Representative Services

Garver will provide full-time Resident Project Representative (RPR) services for the 85-calendar-day construction contract performance time. The proposed fee is based on observation services by a Senior Construction Observer (C-3) at approximately 40 hours per week during the construction contract performance time for all phases of work excluding the primary runway closure phase (Phase 2A). During the 16-day Phase 2A runway closure, Garver will provide full-time Resident Project Representative (RPR) services by a Senior Construction Observer (C-3) at approximately 10 hours per day and a Construction Observer (C-1) at approximately 10 hours per day. If the construction time extends beyond the time established in this agreement or if the Owner wishes to increase the time or frequency of the observation, the Owner will pay Garver an additional fee agreed to by the Owner and Garver. All RPR personnel shall have the appropriate experience and qualifications.

During the construction period, Garver's RPR will provide or accomplish the following:

1. Consult with and advise the Owner during the construction period. Garver will submit, when requested by the Owner, written reports to the Owner on the progress of the construction including any problem areas that have developed or are anticipated to develop. In addition, Garver shall supply to the Owner such periodic reports and information as may be required by the FAA
2. As necessary, conduct safety meetings with the Contractor.
3. Coordinate with the firm providing construction materials quality assurance testing. Coordinate with this firm to ensure that all material tests required for construction are scheduled and accomplished in a manner that will not delay the Contractor unnecessarily and will meet specification requirements as to location and frequency.
4. Perform intermediate inspections in advance of the final inspection.
5. Maintain a file of quantities incorporated into the work, test reports, certifications, shop drawings and submittals, and other appropriate information.



5. Maintain a file of quantities incorporated into the work, test reports, certifications, shop drawings and submittals, and other appropriate information.
6. In accordance with FAA AC 150/5370-12A, maintain a project diary which will contain information pertinent to each site visit.
7. Administer the "Construction Management Plan" prepared by Garver.
8. Monitor the contractor's conformance to the approved construction safety and phasing plan.
9. Prepare a Construction Materials Quality Control Summary. At a minimum, the summary shall include a list of all tests performed showing the date, location, pass or fail, results of retests, and whether the test is eligible or ineligible under the A.I.P. program. The Summary will include a certification that all testing was completed in accordance with the "Construction Management Plan."
10. Provide up to 20 hours of survey crew time for field checking quantities, contractor's layout, etc.

In performing construction observation services, Garver will endeavor to protect the Owner against defects and deficiencies in the work of the Contractor(s); but Garver does not guarantee the performance of the Contractor(s), nor is Garver responsible for the actual supervision of construction operations. Garver does not guarantee the performance of the contracts by the Contractors nor assume any duty to supervise safety procedures followed by any Contractor or subcontractor or their respective employees or by any other person at the job site. However, if at any time during construction Garver observes that the Contractor's work does not comply with the construction contract documents, Garver will notify the Contractor of such non-compliance and instruct him to correct the deficiency and/or stop work, as appropriate for the situation. Garver will also record the observance, the discussion, and the actions taken. If the Contractor continues without satisfactory corrective action, Garver will notify the Owner immediately, so that appropriate action under the Owner's contract with the Contractor can be taken.

A.3 Materials Testing Services

Through a Subconsultant, Garver shall provide the quality assurance testing for the project as required by the Plans and Specifications in accordance with FAA and the Owner's requirements.

A.4 Project Closeout Services

At the conclusion of construction, Garver will assist the Owner with project closeout by providing a final project report which will include all necessary documents required for FAA grant closeout. Closeout documentation will be provided within 90 days of the final payment to the Contractor. Garver will also update the airport's ALD to show the completed project as "existing" and coordinate the submission of the updated ALD through OE/AAA.

A.5 Project Deliverables

The following deliverables will be submitted to the parties identified below. Unless otherwise noted below, all deliverables shall be electronic.

1. Issued for Construction Plans and Specifications to the Owner, Contractor, and FAA.
 - a. Three hard copies to the Contractor
 - b. One hard copy set to the Owner
 - c. Electronic copy to the FAA
2. Electronic Construction Management Plan to the Owner and FAA
3. Electronic approved submittals to the Contractor.
4. Electronic Record Plans and Specifications to the Owner and FAA.
5. Other electronic files as requested.



A.6 Additional Services

The following items are not included under this agreement but will be considered as additional services to be added under Amendment if requested by the Owner.

1. Submittals or deliverables beyond those listed herein.
2. Services after construction, such as warranty follow-up, operations support, and Part 139 inspection support.

A.7 Schedule

Garver shall begin work under this Agreement upon execution of this Agreement and shall complete the work within a mutually agreeable schedule with the Owner.



Exhibit B-03
Runway Pavement and Lighting Rehabilitation
Fayetteville - Drake Field
Garver Hourly Rate Schedule: July 2021 - June 2022

Classification	Rates
Engineers / Architects	
E-1.....	\$ 37.82
E-2.....	\$ 42.64
E-3.....	\$ 52.85
E-4.....	\$ 65.26
E-5.....	\$ 75.76
E-6.....	\$ 93.11
E-7.....	\$ 123.81
Planners / Environmental Specialist	
P-1.....	\$ 45.55
P-2.....	\$ 57.26
P-3.....	\$ 71.18
P-4.....	\$ 79.57
P-5.....	\$ 91.98
P-6.....	\$ 105.01
P-7.....	\$ 126.90
Designers	
D-1.....	\$ 35.31
D-2.....	\$ 41.24
D-3.....	\$ 49.22
D-4.....	\$ 57.26
Technicians	
T-1.....	\$ 27.58
T-2.....	\$ 34.94
T-3.....	\$ 42.61
Surveyors	
S-1.....	\$ 16.97
S-2.....	\$ 22.33
S-3.....	\$ 30.06
S-4.....	\$ 43.18
S-5.....	\$ 57.26
S-6.....	\$ 65.14
2-Man Crew (Survey).....	\$ 65.51
3-Man Crew (Survey).....	\$ 82.48
2-Man Crew (GPS Survey).....	NA
3-Man Crew (GPS Survey).....	NA
Construction Observation	
C-1.....	\$ 33.31
C-2.....	\$ 42.87
C-3.....	\$ 52.48
C-4.....	\$ 64.50
Management/Administration	
M-1.....	\$ 126.90
X-1.....	\$ 21.65
X-2.....	\$ 29.42
X-3.....	\$ 40.97
X-4.....	\$ 52.27
X-5.....	\$ 64.09
X-6.....	\$ 79.31
X-7.....	\$ 95.48

Exhibit B-03**Runway Pavement and Lighting Rehabilitation
Fayetteville - Drake Field****CONSTRUCTION ADMINISTRATION SERVICES**

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	T-2	C-4	C-3	C-1
	\$75.76	\$65.26	\$52.85	\$42.64	\$34.94	\$64.50	\$52.48	\$33.32
	hr	hr	hr	hr	hr	hr	hr	hr
1. Construction Administration								
A.1.1 Issued for Construction (IFC) Documents		1		2	6			
A.1.2 SWPPP Development and ADEQ Coordination		1		8	8			
A.1.3 Construction Management Plan		1	8					
A.1.4 Submittals		4	10	10				
A.1.5 Notice to Proceed & Preconstruction Meetings		6	8	8				
A.1.6 Progress Meetings (26)		10	65					
A.1.7 Owner Coordination		10	20	10				
A.1.8 RFIs			10	16				
A.1.9 Progress Payments		5	10	10				
A.1.10 Payroll Reviews			5	5	16			
A.1.12 Record Drawings		2		6	20			
A.1.13 Change Orders			6	10				
A.1.14 Final Inspection		10	10				35	
Subtotal - Construction Administration	0	50	152	85	50	0	35	0

Hours	0	50	152	85	50	0	35	0
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Salary Costs	\$0.00	\$3,263.00	\$8,033.20	\$3,624.40	\$1,747.00	\$0.00	\$1,836.80	\$0.00
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SUBTOTAL - SALARIES:	\$18,504.40
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$34,684.65
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$107.60
Postage/Freight/Courier	\$0.00
Travel Costs (50 Trips @ 25mi/trip)	\$725.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$832.60
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SUBTOTAL:	\$54,021.65
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SUBCONSULTANTS FEE:	\$0.00
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PROFESSIONAL FEE	\$7,978.36
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TOTAL FEE:	\$62,000.00
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Exhibit B-03**Runway Pavement and Lighting Rehabilitation
Fayetteville - Drake Field****ON-SITE CONSTRUCTION OBSERVATION SERVICES**

WORK TASK DESCRIPTION	C-3	C-2	C-1	S-5	S-4	2-Man Crew (Survey)
	\$52.48	\$42.87	\$33.32	\$57.26	\$43.18	\$65.51
	hr	hr	hr	hr	hr	hr
1. Construction Observation						
Resident Construction Observation - Phase 1 and Phase 2B (10 weeks @ 40hr/week)	400					
Resident Construction Observation - Phase 2A (16 days @ 10hr/day)	160		160			
Survey (Field Check Quantities; Layout; etc.)				4	8	20
Subtotal - Construction Observation	560	0	160	4	8	20

Hours	560	0	160	4	8	20
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Salary Costs	\$29,388.80	\$0.00	\$5,331.20	\$229.04	\$345.44	\$1,310.20
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SUBTOTAL - SALARIES:	\$36,604.68
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$68,611.81
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$251.03
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Supplies	\$300.00
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Travel Costs (100 Trips @ 25mi/trip)	\$1,450.00
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SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$2,001.03
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SUBTOTAL:	\$107,217.52
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SUBCONSULTANTS FEE:	\$0.00
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PROFESSIONAL FEE	\$15,782.47
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TOTAL FEE:	\$123,000.00
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Exhibit B-03**Runway Pavement and Lighting Rehabilitation
Fayetteville - Drake Field****MATERIALS TESTING SERVICES**

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	T-2	C-4	C-3	C-1
	\$75.76	\$65.26	\$52.85	\$42.64	\$34.94	\$64.50	\$52.48	\$33.32
	hr	hr	hr	hr	hr	hr	hr	hr
1. Materials Testing								
Coordination with Materials Testing Firm		8		15				
Review Test Results		12		25				
Subtotal - Materials Testing	0	20	0	40	0	0	0	0

Hours	0	20	0	40	0	0	0	0
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Salary Costs	\$0.00	\$1,305.20	\$0.00	\$1,705.60	\$0.00	\$0.00	\$0.00	\$0.00
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SUBTOTAL - SALARIES:	\$3,010.80
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LABOR AND GENERAL

ADMINISTRATIVE OVERHEAD:	\$5,643.44
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$47.62
Postage/Freight/Courier	\$0.00
Travel Costs	\$0.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$47.62
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SUBTOTAL:	\$8,701.86
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SUBCONSULTANTS FEE (GHBW):	\$30,000.00
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PROFESSIONAL FEE	\$1,298.14
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TOTAL FEE:	\$40,000.00
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Exhibit B-03**Runway Pavement and Lighting Rehabilitation
Fayetteville - Drake Field****PROJECT CLOSEOUT SERVICES**

WORK TASK DESCRIPTION	E-5	E-4	E-3	E-2	T-2	C-4	C-3	C-1
	\$75.76	\$65.26	\$52.85	\$42.64	\$34.94	\$64.50	\$52.48	\$33.32
	hr	hr	hr	hr	hr	hr	hr	hr
1. Closeout								
Final Construction Report		2	20					
Final Reconciliation Change Order		2	5					
FAA Closeout Documents		2	5	5				
Final Record Drawings		1		5	15			
Subtotal - Closeout	0	7	30	10	15	0	0	0

Hours	0	7	30	10	15	0	0	0
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Salary Costs	\$0.00	\$456.82	\$1,585.50	\$426.40	\$524.10	\$0.00	\$0.00	\$0.00
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SUBTOTAL - SALARIES:	\$2,992.82
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LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:	\$5,609.74
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DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	\$107.05
Postage/Freight/Courier	\$0.00
Travel Costs	\$0.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES:	\$107.05
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SUBTOTAL:	\$8,709.61
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SUBCONSULTANTS FEE:	\$0.00
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PROFESSIONAL FEE	\$1,290.38
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TOTAL FEE:	\$10,000.00
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GARVER

INCORPORATED IN THE STATE OF ARIZONA
 1000 EAST AVENUE, SUITE 100
 TUCSON, ARIZONA 85719
 (520) 796-1000
 WWW.GARVERINC.COM

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REV	DATE	DESCRIPTION	BY

DRAKE FIELD (FV)
 RUNWAY PAVEMENT AND LIGHTING REHABILITATION
 FAYETTEVILLE, ARKANSAS

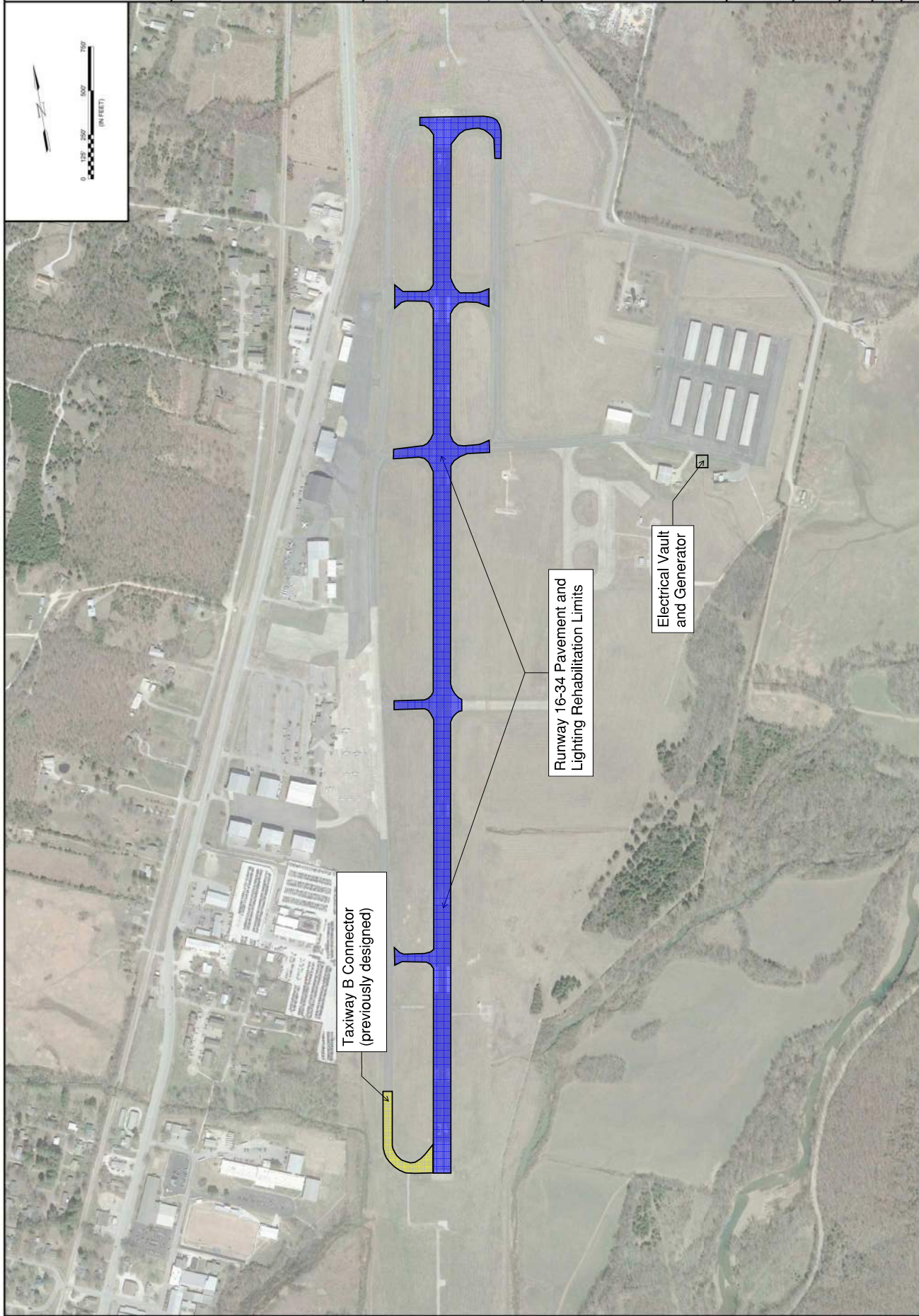
Exhibit C-03

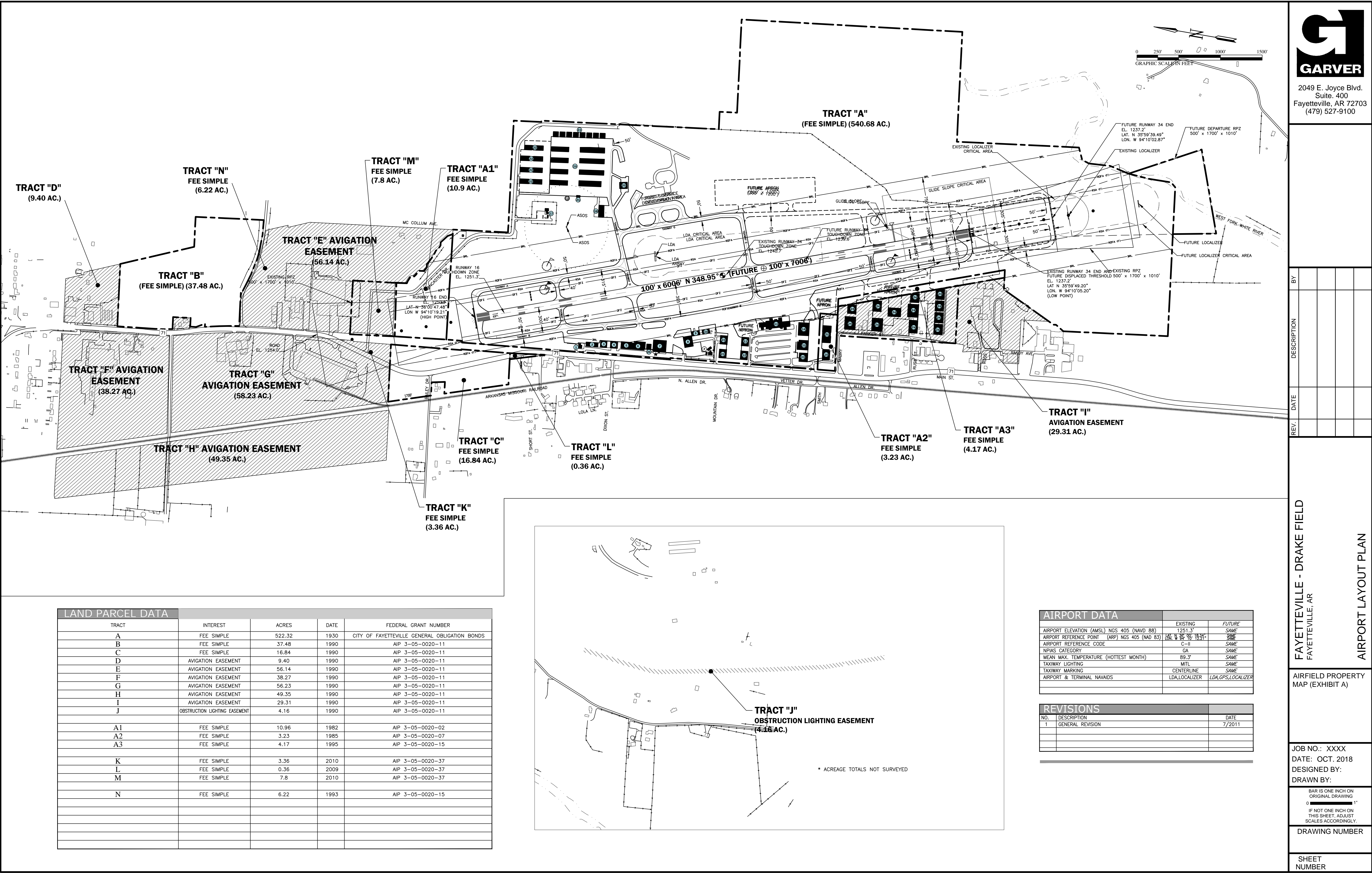
JOB NO. 21A13211
 DATE: NOV. 2020
 DESIGNED BY: KAS
 DRAWN BY: JCH

SCALE: 1" = 100'-0"

DRAWING NUMBER
EXB 2

SHEET NUMBER
1







2049 E. Joyce Blvd.
Suite. 400
Fayetteville, AR 72703
(479) 527-9100

REV.	DATE	DESCRIPTION	BY

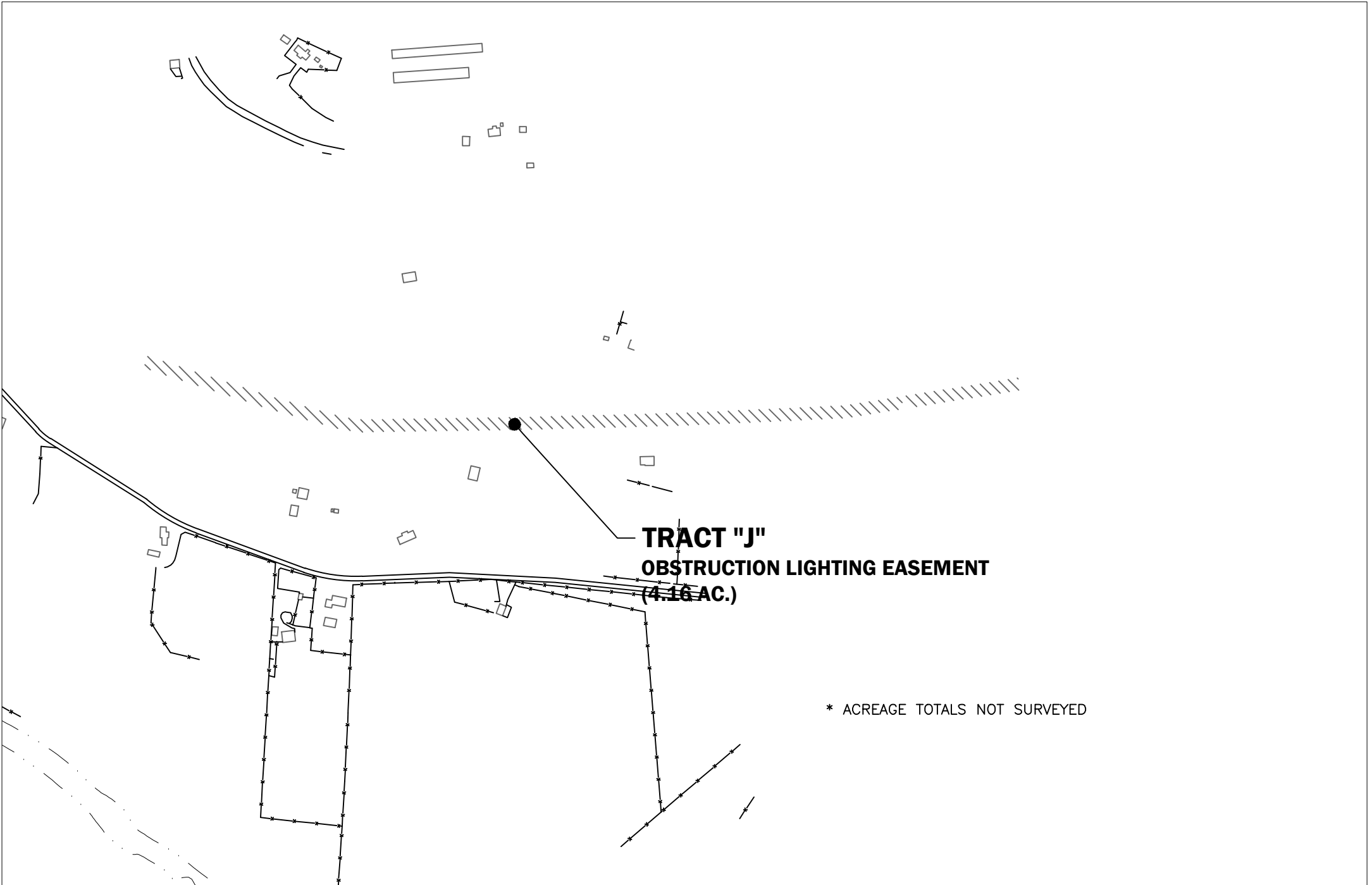
FAYETTEVILLE - DRAKE FIELD
FAYETTEVILLE, AR

AIRPORT LAYOUT PLAN

LAND PARCEL DATA				
TRACT	INTEREST	ACRES	DATE	FEDERAL GRANT NUMBER
A	FEE SIMPLE	522.32	1930	CITY OF FAYETTEVILLE GENERAL OBLIGATION BONDS
B	FEE SIMPLE	37.48	1990	AIP 3-05-0020-11
C	FEE SIMPLE	16.84	1990	AIP 3-05-0020-11
D	AVIGATION EASEMENT	9.40	1990	AIP 3-05-0020-11
E	AVIGATION EASEMENT	56.14	1990	AIP 3-05-0020-11
F	AVIGATION EASEMENT	38.27	1990	AIP 3-05-0020-11
G	AVIGATION EASEMENT	56.23	1990	AIP 3-05-0020-11
H	AVIGATION EASEMENT	49.35	1990	AIP 3-05-0020-11
I	AVIGATION EASEMENT	29.31	1990	AIP 3-05-0020-11
J	OBSTRUCTION LIGHTING EASEMENT	4.16	1990	AIP 3-05-0020-11
A1	FEE SIMPLE	10.96	1982	AIP 3-05-0020-02
A2	FEE SIMPLE	3.23	1985	AIP 3-05-0020-07
A3	FEE SIMPLE	4.17	1995	AIP 3-05-0020-15
K	FEE SIMPLE	3.36	2010	AIP 3-05-0020-37
L	FEE SIMPLE	0.36	2009	AIP 3-05-0020-37
M	FEE SIMPLE	7.8	2010	AIP 3-05-0020-37
N	FEE SIMPLE	6.22	1993	AIP 3-05-0020-15

AIRPORT DATA		
AIRPORT ELEVATION (AMSL) NGS 405 (NAVD 88)	EXISTING 1251.3'	FUTURE SAME
AIRPORT REFERENCE POINT (ARP) NGS 405 (NAD 83)	1251.3'	SAME
AIRPORT REFERENCE CODE	C-II	SAME
NPIAS CATEGORY	GA	SAME
MEAN MAX. TEMPERATURE (HOTTEST MONTH)	89.3'	SAME
TAXIWAY LIGHTING	MIL	SAME
TAXIWAY MARKING	CENTERLINE	SAME
AIRPORT & TERMINAL NAVAIDS	LDA,LOCALIZER	LDA,GPS,LOCALIZER

REVISIONS		DATE
NO.	DESCRIPTION	DATE
1	GENERAL REVISION	7/2011



AIRFIELD PROPERTY
MAP (EXHIBIT A)

JOB NO.: XXXX
DATE: OCT. 2018
DESIGNED BY:
DRAWN BY:

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET
NUMBER