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**DESIGN SERVICES
REHABILITATE RUNWAY PAVEMENTS
OELWEIN MUNICIPAL AIRPORT
OELWEIN, IOWA
FAA POTENTIAL AIP NO. 3-19-0067-012**

Project Description: See Attached Exhibit A, Scope of Services.

Scope of Services: See Attached Exhibit A, Scope of Services.

Compensation

Compensation for services for the design phase of the project shall be a lump sum fee in the amount of Fifty-Four Thousand Dollars (\$54,000.00). See attached Exhibit B, Consultant Cost Summary.


General Conditions

Except as specifically amended by this Individual Project Agreement, Services shall be provided in accordance with the Consultant Services Agreement for the Oelwein Municipal Airport, entered between AECOM Technical Services, Inc. (ATS), and the City of Oelwein (Client), dated _____.

APPROVED:
CITY OF OELWEIN, IOWA

APPROVED:
AECOM TECHNICAL SERVICES, INC.

By _____

By 

Douglas W. Schindel, P.E.
Associate Vice President

Date _____

Date January 6, 2022

Approved by Oelwein City Council January 10, 2022



**EXHIBIT A
SCOPE OF SERVICES**

**REHABILITATE RUNWAY PAVEMENTS
OELWEIN MUNICIPAL AIRPORT
OELWEIN, IOWA
FAA POTENTIAL AIP 3-19-0067-012**

I. PROJECT DESCRIPTION

The project is described as the pavement rehabilitation of Runway 13/31, connecting taxiway to the terminal apron and terminal apron concrete pavements at the Oelwein Municipal Airport, Oelwein, Iowa. The project includes rehabilitation of these pavements to include joint and crack sealing, spall repairs, and partial or full concrete panel replacements of these concrete pavements. The final project will be designed around the maximum anticipated federal funding amount of \$415,000.00.

II. GENERAL PROJECT SCOPE

The work to be performed by ATS shall encompass and include detailed work, services, materials, equipment and supplies necessary to provide preliminary design, final plans, project specifications, construction cost estimates and bidding services. Construction-phase services will be determined after the project has been bid and prior to issuance of a federal grant. Work shall be divided into the following tasks:

A. Design Phase

1. **Design Conference.** This task consists of a pre-design conference called by the City of Oelwein (hereinafter referred to as Client) and held between the Client, the Consultant, the FAA, and any other participating or regulatory governmental agency. The purpose of this conference is to define project requirements, finances, schedules, phasing and other pertinent data that affects the scope of work, design standards, presentation of preliminary and final plans and documents. The requirements set forth in this design conference, including design schedule, will be confirmed in writing by the Consultant to the Client, with copies to each participating unit of government.
2. **Data Collection and Review.** This task consists of the collection of existing data applicable to this project and related to the proposed work site. The Airport Master Plan, record drawings of completed projects, and utility information will be compiled as background information for the project.
3. **Subsurface Investigation.** Subsurface Investigation is not part of this agreement.
4. **Field Investigation.** This task consists of a field investigation to collect pavement distresses. Field investigation will identify pavement distress types, limits and location on existing base mapping. No additional topographic survey will be completed for the preparation of the plans for the project.

5. **Preparation of Design Plans.** This task consists of the preparation of the final design plans for this project. The final plans will set forth in detail the requirements of the preliminary design phase, together with the common practice of design and ethical practice of professional engineers. Plans will be prepared in compliance with current Central Region Federal Aviation Administration requirements in effect at the time the plans are prepared. This task includes the preparation of the following:
 - Title Sheet
 - Legend and General Notes
 - Schedule of Drawings
 - Schedule of Quantities
 - General Project Layout
 - Safety and Sequencing Plans
 - Existing Conditions, Pavement Distresses
 - Pavement Repair Details
6. **Final Project Specifications.** This task consists of the preparation of specifications for the project. The specifications will be in compliance with current Central Region Federal Aviation Administration requirements in effect at the time the specifications are prepared.
7. **Construction Safety and Phasing Plan.** This task consists of the preparation of a separate Construction Safety and Phasing Plan (CSPP) in accordance with AIP Sponsor Guide Section 960 and Advisory Circular 150/5370-2F. The draft CSPP will be submitted to FAA for review. A final CSPP will be prepared and submitted that will address comments received. The final CSPP will be included in the project manual.
8. **Airspace Submittal.** This task consists of preparation and submittal of FAA 7460-1 forms electronically through the FAA's OEAAA website for temporary construction items, including contractor's staging area, access routes and construction equipment. Air space forms will be submitted during design phase of project once element locations are defined for FAA determinations to be received prior to anticipated construction start.
9. **Estimate of Probable Construction Cost.** This task consists of the preparation of a detailed estimate of construction costs based upon the detailed plans and specifications. This statement of probable construction cost prepared by the Consultant represents the Consultant's best judgment as a design professional at the time the estimate is drawn. It is recognized, however, that neither the Consultant nor the Client has any control over the cost of labor, materials or equipment; over the contractor's method of determining bid prices; or over competitive bidding or market conditions. Accordingly, the Consultant cannot and does not guarantee that bids will not vary from any statement of Probable Construction Cost or other cost estimates prepared by the Consultant.
10. **Engineering Report.** This task consists of the preparation of an engineering report that relates to the Client and participating governmental agencies, the

fundamental considerations and concepts used in design of the project. Deviation in design and construction standards will be included in the engineering report.

11. **Design Submittals.** This task will involve preparation of the design submittals for this project. A 90% design document including plans, specifications and design report will be submitted for FAA and City review prior to March 16, 2022. The Construction Safety and Phasing Plan (CSPP) will be submitted prior to the 90% design submittal.
12. **Quality Review.** This task consists of the quality review of work elements on the project. During the course of this project, quality reviews will be conducted by senior technical personnel that are not directly involved in the project.
13. **Conferences and Meetings.** This task consists of conferences and meetings in addition to the design conference and the stakeholder meetings that will be attended by the Consultant for the purpose of coordination, information exchange and general understanding of the status and direction of the project.
14. **DBE Program.** This task consists of assisting the Sponsor in preparation of an update to DBE program for this project.
15. **Grant Application.** This task consists of assisting the Sponsor in preparation of grant application.
16. **Bid Assistance.** This task consists of assisting the Client in advertising for and receiving bids, analyzing the bids received and preparing a recommendation to the Client for award of contract.
17. **Pre-Bid Conference.** This task consists of attending and conducting a Pre-Bid Conference at the project site for prospective bidders.
18. **Bid Document Interpretation.** This task consists of answering bid document interpretation questions from bidders, preparing, and issuing any required addenda.
19. **Project Administration.** This task consists of office administration and coordination of the project. Interoffice meetings, general day-to-day administrative responsibilities, and typing of interoffice memoranda and minutes of meetings are included in this task. Prepare up to ten sets of contract documents for distribution to Client, FAA, plan rooms, suppliers and potential bidders. This task also includes providing one electronic copy of the plans and specifications that can be viewed in and printed from Adobe Acrobat.

B. Schedule of Submittals

The following submittals are anticipated for the project:

1. The 90 percent design documents, including plans, specifications and design report, will be submitted for FAA and City review prior to March 16, 2022.

2. The Construction Safety and Phasing Plan (CSPP) will be submitted for FAA and City review prior to the 90 percent design submittal.
3. Final bid documents will be submitted prior to March 28, 2022.
4. The FAA Grant Application will be submitted prior to April 26, 2022.

Rehabilitate Runway Pavements

Oelwein Municipal Airport
Oelwein, Iowa

FAA AIP 3-19-0067-0012

Engineering Services

Consultant Cost Summary

I. Direct Labor Cost

<u>Category</u>	<u>Hours</u>	<u>Rate/Hour</u>	<u>Amount</u>	
Senior Professional	40	\$96.75	\$3,870.00	
Project Professional	88	\$72.40	\$6,371.20	
Staff Professional	60	\$52.70	\$3,162.00	
Professional	48	\$31.90	\$1,531.20	
CADD Operator II	0	\$37.45	\$0.00	
CADD Operator I	82	\$24.00	\$1,968.00	
Senior Technician	0	\$43.60	\$0.00	
Technician	0	\$30.35	\$0.00	
Project Support	76	\$36.55	\$2,777.80	\$19,680.20
	394			

II. Payroll Burden and Overhead Costs 130.70% \$25,722.02

III. Direct Project Expenses

<u>Category</u>	<u>Units</u>	<u>Rate/Unit</u>	<u>Amount</u>	
Mileage	1500	0.560	840.00	
Per Diem	0	50.00	0.00	
Lodging	0	90.00	0.00	
B/W Copies	5,000	0.06	300.00	
Color Copies	500	0.22	110.00	
Plan Copier	100	0.50	50.00	
EDM Equipment	0	12.50	0.00	
GPS Equipment	0	25.00	0.00	
Miscellaneous, Other			500.00	\$1,800.00

IV. AECOM Estimated Actual Costs \$47,202.22
Rounded \$47,200.00

V. Subcontract Expense \$0.00

VI. Estimated Actual Costs \$47,200.00

VII. Fixed Fee (15% of Items I & II) Rounded \$6,800.00

VIII. Maximum Amount Payable \$54,000.00

