

TASK ORDER APPROVAL FORM

CONTRACT #: C19-2791-AP

TASK ORDER #: 5

TASK ORDER AMOUNT: \$ 16,722.00

**CONTRACT #: C19-2791-AP
INFRASTRUCTURE ENGINEERING
& CONSULTING, PLLC.
GENERAL AVIATION ENGINEERING SVS
EXPIRES: 03/26/2024**

OFFERED BY CONSULTANT:

Infrastructure Consulting and Engineering, PLLC

FIRM'S NAME

Doug Hambrecht; P.E.

REPRESENTATIVE'S PRINTED NAME



SIGNATURE

Vice President

TITLE

3-25-22

DATE

**RECOMMENDED FOR APPROVAL
Tracy Stage, A.A.E.**

**APPROVED BY OKALOOSA COUNTY
(Per Purchasing Manual)**

- \$25,000 or less approved by Purchasing Manager
- \$25,001 to \$50,000 approved by OMB Director
- Between \$50,001 and \$100,000 approved by Purchasing Director and County Administrator
- In excess of \$100,000 approved by the Board.

Tracy A. Stage, A.A.E.
Digitally signed by Tracy A. Stage, A.A.E.
Date: 2022.03.29 08:18:40 -05'00'

SIGNATURE Tracy Stage A.A.E.

Jeffrey A Hyde
Digitally signed by Jeffrey A Hyde
Date: 2022.04.06 09:50:10 -05'00'

PURCHASING MANAGER

Airports Director

TITLE

DATE

DATE

OMB Director/DATE

DATE

COUNTY ADMINISTRATOR John Hofstad
(if applicable)

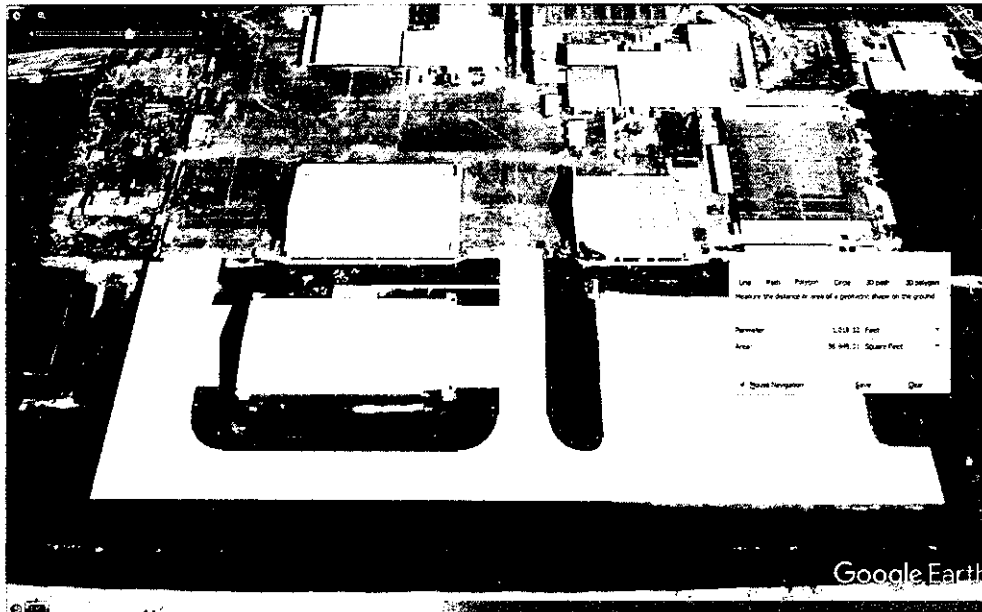
CHAIRWOMAN- Carolyn N. Ketchel

DATE

DATE

**EXHIBIT "A"
SCOPE OF WORK**

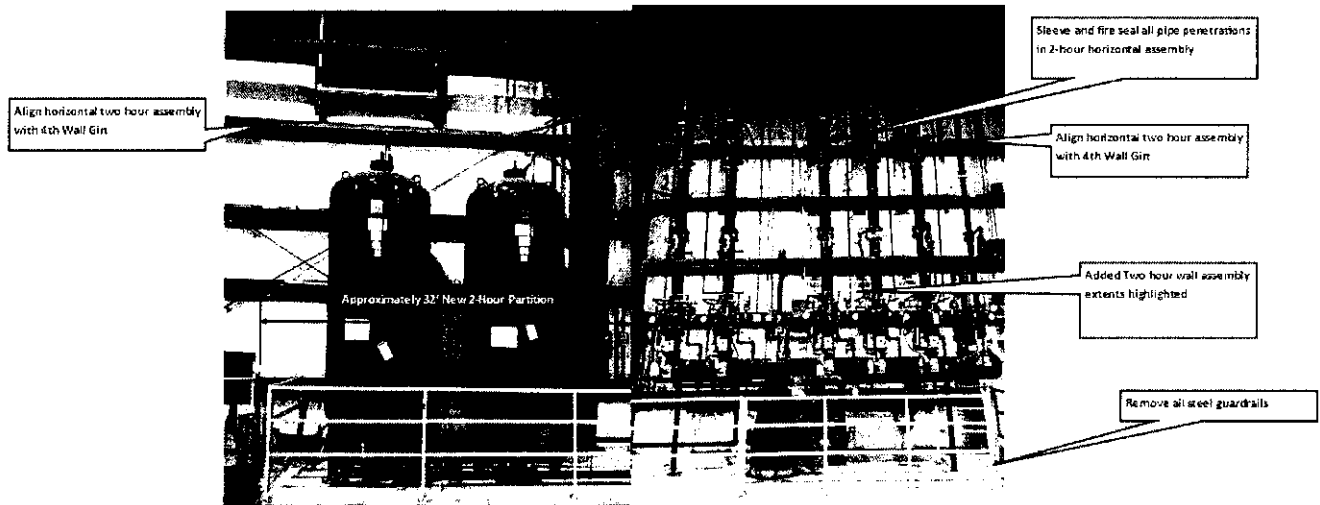
**HANGAR 5 AFFF EQUIPMENT ENCLOSURE
BOB SIKES AIRPORT, CRESTVIEW FLORIDA
Okaloosa County**



PROJECT DESCRIPTION

Hangar 5 is an existing 57,000 SF hangar building built in approximately 2005. No drawings of the current construction are available. The hangar includes an aqueous film forming foam (AFFF) fire protection system which is located on the open hangar floor. A renovation project to enclose the equipment in a 2-hour enclosure is proposed. Elements of the scope of work are anticipated to include:

1. Metal stud and gypsum board horizontal and vertical enclosure of the AFFF tanks and related piping. This will abut the existing hangar exterior wall. Appropriate UL-tested assemblies for the enclosure elements and for penetrations at the piping penetrations will be indicated in the proposal documents.
2. A double door for access to the tanks and a single man door at the end of the enclosure. These will serve for access to the equipment and exits from the new room.
3. Electrical work will include over head lighting in the enclosure, exit lights at the doors. And two wall outlets(110v) for convenience and maintenance. Emergency and exit lighting will connect to the nearest emergency circuit. Other lighting and outlets will connect to the nearest available power circuit. No panel changes or added fire alarm work is included.
4. The newly enclosed area will have the fire sprinkler system extended as required by NFPA 13.
5. No mechanical (HVAC) or Plumbing changes are anticipated or included in the scope of work. The general concept of the scope is illustrated in the following photographic overlay.



PROJECT SERVICES

TASK 1- PREDESIGN ACTIVITIES AND PRELIMINARY DESIGN SERVICES

During this phase of the project, the Consultant will meet with the Owner to discuss and define project requirements. The project requirements and design areas impacted will be established. The design scope for related subconsultants will be established, as well as estimated costs of construction. The development of the project will be coordinated with Airport Staff.

TASK 2- 90% SERVICES

Based on the approved scope from Task 1, the Consultant will prepare preliminary documents (drawings, photo overlays, description of UL assemblies or products and work items) to indicate the scope of the project. The development of the project will be coordinated with Airport Staff and provided for review by local permitting authorities. One meeting to review the project design documents will be conducted.

TASK 3- 100% DESIGN SERVICES

Based on the deliverables in Task 2, final changes to the contract documents will be completed. Comments received from the County review, the Airport review, and applicable permitting agencies will be incorporated. The development of the project will be coordinated with Airport Staff.

TASK 4- PROCUREMENT ASSISTANCE SERVICES

For projects less than \$50,000, the Airport does not have to bid but can use a 3-quote process. The Consultant services would be limited to.

- o Respond to questions;



- Prepare addenda if necessary; and,
- Assist the Airport in evaluating proposals.

TASK 5- CONSTRUCTION ADMINISTRATION SERVICES

The Consultant’s engineer will perform general coordination with the Airport, Subconsultants, Airport tenants, Contractor, subcontractors, will monitor contractor’s progress, ensure contractor’s compliance with Airport requirements, and will:

- review any shop drawings;
- review pay applications, EEO reports, and DBE expenditure reports;
- make site visits (assume 2 total) including final inspection;
- review and respond to Requests for Information (RFIs);
- review change orders, if necessary.

Construction Inspection

No full time Construction Inspection is included.

Quality Assurance Testing

Contractor shall provide their own Quality Control testing and submit to the Engineer for approval.

Other Provisions

The Airport will pay all costs associated with any permit application and/or impact fees.

PERIOD OF SERVICES

The following is an anticipated schedule for this project:

Design

- Initial Coordination, Permit meetings 5 days
 - 90% Plans and Specifications, Development Coordination 30 days
 - Airport Review 5 days
 - 100% Plans and Specifications 5days
- 45 Days

Procurement

- Solicitation for Proposals 21 days
- Award 10 days

Construction

- Construction 90 Days



EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
BOB SIKES HANGAR 5- AFFF ENCLOSURE
for Okaloosa County
FEE SUMMARY



BASIC SERVICES

DESIGN

Task 1 - Task 1 - Pre-Design Activities and Preliminary Design	\$3,582.00
Task 2 - 90% Design	\$4,692.00
Task 3- 100% Design	\$2,196.00
SUBTOTAL BASIC SERVICES :	\$10,470.00

SUBCONSULTANT

Mechanical / Fire Protection- Burns Engineering	\$1,000.00
Electrical - Ohmega Group (DBE)	\$1,000.00
TOTAL BASIC SERVICES :	\$12,470.00

PROCUREMENT AND CONSTRUCTION

BIDDING

Task 4 - Procurement	\$1,297.00
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CONSTRUCTION PHASE

Task 5 - Construction Administration	\$2,955.00
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SPECIALTY SERVICES

SUBCONSULTANTS

TOTAL SPECIALTY SERVICES SUBCONSULTANT :	\$0.00
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PERMITTING

County Development Permit	N/A
Stormwater Permitting (County/ NWFWMMD)	N/A
TOTAL PERMITTING :	\$0.00

TOTAL PROFESSIONAL FEES (Lump Sum):	\$16,722.00
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EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
BOB SIKES HANGAR 5- AFFF ENCLOSURE
for Okaloosa County

TASK 1 - PRE DESIGN ACTIVITIES AND PRELIMINARY DESIGN

Item/Task Description	Project Manager	Senior Engineer	Engineer	CAD Designer	Admin.	Totals
Kick Off Meeting	1					1
Data Collection	1	4				5
Field Review	1					1
Design Criteria and Scoping		8				8
Fire Protection and Electrical Sub coordination	1					1
Project Management	2					2
Total:	6	12	0	0	0	18
Rate/Hour:	\$199.00	\$199.00	\$150.00	\$100.00	\$50.00	
Total Direct Labor:	\$1,194.00	\$2,388.00	\$0.00	\$0.00	\$0.00	\$3,582.00
Total Task 1 (Lump Sum):						\$3,582.00

EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
BOB SIKES HANGAR 5- AFFF ENCLOSURE
for Okaloosa County

TASK 2 - 90% DESIGN

Item/Task Description	Project Manager	Senior Engineer	Engineer	CAD Designer	Admin.	Totals
Meeting AIRPORT	2					2
General Coordination with Airport Staff.	2				2	4
Quality Control Review.	2					2
Project Management	2					2
Plan Sheets						
Cover Sheet			2			2
Demolition / Equipment Removal Plans			4			4
Layout Plans			8			8
Miscellaneous Details			6			6
Total:	8	0	20	0	2	30
Rate/Hour:	\$199.00	\$199.00	\$150.00	\$100.00	\$50.00	
Total Direct Labor:	\$1,592.00	\$0.00	\$3,000.00	\$0.00	\$100.00	\$4,692.00
Total Task 2 (Lump Sum):						\$4,692.00

EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
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for Okaloosa County

TASK 3 - 100% DESIGN

Item/Task Description	Project Manager	Senior Engineer	Engineer	CAD Designer	Admin.	Totals
Review Meeting (Virtual)	2		2			4
Respond Incorporate Permitting Comments.			6		2	8
Final Documents.					2	2
Project Management	2					2
	4	0	8	0	4	16
Total:	\$199.00	\$199.00	\$150.00	\$100.00	\$50.00	
Rate/Hour:	\$796.00	\$0.00	\$1,200.00	\$0.00	\$200.00	\$2,196.00
Total Direct Labor:						
Total Task 3 (Lump Sum):						\$2,196.00

EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
BOB SIKES HANGAR 5- AFFF ENCLOSURE
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TASK 4 - PROCUREMENT

Item/Task Description	Project Manager	Senior Engineer	Engineer	CAD Designer	Admin.	Totals
Advertise and Coordinate with County Purchasing	1					1
Answers to Bidders/Issue Addenda	1		4		2	7
Review Bids for Responsiveness	1					1
Total:	3	0	4	0	2	9
Rate/Hour:	\$199.00	\$199.00	\$150.00	\$100.00	\$50.00	
Total Direct Labor:	\$597.00	\$0.00	\$600.00	\$0.00	\$100.00	\$1,297.00
Total Task 4 (Lump Sum):						\$1,297.00

EXHIBIT "B"
MANHOUR AND FEE ESTIMATE
BOB SIKES HANGAR 5- AFFF ENCLOSURE
for Okaloosa County

TASK 5 - Construction Administration

Item/Task Description	Project Manager	Senior Engineer	Construction Manager	CAD Designer	Admin.	Totals
Project Management	2		8			10
Answers to RFI's	1		2			3
Review Submittals	1		2			3
Site Visits / Progress meetings (0)*	0		0			0
Project Close-Out	1		2			3
Total:	5	0	14	0	0	19
Rate/Hour:	\$199.00	\$199.00	\$140.00	\$100.00	\$50.00	
Total Direct Labor:	\$995.00	\$0.00	\$1,960.00	\$0.00	\$0.00	\$2,955.00

Total Task 5 (Lump Sum): **\$2,955.00**

* site visits and construction visits shall be performed in conjunction with other County business