



Volkert, Inc.

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April 19, 2018

**VIA UPS**

Ms. Rachel Keith, Airport Manager  
City of Foley  
407 East Laurel Avenue  
Foley, Alabama 36530

**AIP No. 3-01-0031-016-2018**

**Project No. 538803.ALA**

Construct 8-Unit T-Hangar - Phase II  
at Foley Municipal Airport  
Foley, Alabama

**RE: Supplemental Agreement No. 3 - Amendment No. 1 - ALDOT Changes**

Dear Ms. Keith:

The Supplemental Agreement No. 3, dated February 20, 2018, between the City of Foley and Volkert, Inc. has been reviewed by the Alabama Department of Transportation for audit accuracy and acceptable overhead and labor rates. Due to this review, some adjustments need to be made to the contract. The changes are as follows:

Project Number	Project Phase	Original Amount	Audited Amount	Difference
538803.ALA	Design Phase	\$ 21,081.35	\$ 20,351.20	\$ (730.15)
	Construction Administration	\$ 7,740.20	\$ 7,450.78	\$ (289.42)
	Construction Observation	\$ 28,072.07	\$ 35,190.36	\$ 7,118.29
<b>TOTAL:</b>		<b>\$ 56,893.62</b>	<b>\$ 62,992.34</b>	<b>\$ 6,098.72</b>

If you find the corrections acceptable, please have the Mayor to sign and return one (1) copy to Volkert for our records.

If you have any questions or comments or require additional information, please contact us.

Sincerely,  
VOLKERT, INC.

Hank Eubanks, P.E.  
Project Manager

/rlb

Enclosed: Attachment A





**City of Foley**

\_\_\_\_\_  
John E. Koniar, Mayor

Date: \_\_\_\_\_

**Volkert, Inc.**

  
\_\_\_\_\_  
David M. Webber, Sr. VP / COO Gulf Design

Date: 4/20/18

**COST ESTIMATE FOR BASIC SERVICES**  
**CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

<b>1. Design Phase</b>		<b>Man-hour</b>	<b>Rate</b>	<b>Cost</b>
<b>Labor Costs</b>				
Project Manager		4	\$61.91	\$247.64
Staff 2 Professional		63	\$45.51	\$2,867.13
Staff 1 Professional		130	\$28.37	\$3,688.10
Administrative Assistant		0	\$22.20	\$0.00
<b>TOTAL DIRECT LABOR</b>				<b>\$6,802.87</b>
Combined Overhead			158.09%	\$10,754.66
FCCM			0.510%	\$34.69
<b>TOTAL LABOR COSTS</b>				<b>\$17,557.53</b>
<b>Out of Pocket Costs</b>				
Travel Expenses	<b>Trips</b>	<b>Miles</b>	<b>Rate</b>	<b>Cost</b>
	2	100	\$0.545	\$109.00
<b>TOTAL OUT OF POCKET</b>				<b>\$109.00</b>
<b>Total Design Phase Costs</b>				
Sub-Total				<b>\$17,666.53</b>
Operating Margin			15%	<b>\$2,649.98</b>
<b>TOTAL DESIGN PHASE</b>				<b>\$20,351.20</b>

LS

<b>2. Construction Administration</b>		<b>Man-hour</b>	<b>Rate</b>	<b>Cost</b>
<b>Labor Costs</b>				
Project Manager		4	\$61.91	\$247.64
Staff 2 Professional		25	\$45.51	\$1,137.75
Staff 1 Professional		28	\$28.37	\$794.36
Administrative Assistant		9	\$22.20	\$199.80
<b>TOTAL DIRECT LABOR</b>				<b>\$2,379.55</b>
Combined Overhead			158.09%	\$3,761.83
FCCM			0.510%	\$12.14
<b>TOTAL LABOR COSTS</b>				<b>\$6,141.38</b>
<b>Out of Pocket Costs</b>				
Travel Expenses	<b>Trips</b>	<b>Miles</b>	<b>Rate</b>	<b>Cost</b>
	6	100	\$0.545	\$327.00
<b>TOTAL OUT OF POCKET</b>				<b>\$327.00</b>
<b>Total Construction Administration</b>				
Sub-Total				<b>\$6,468.38</b>
Operating Margin			15%	<b>\$970.26</b>
<b>TOTAL CONSTRUCTION ADMINISTRATION</b>				<b>\$7,450.78</b>

LS

**COST ESTIMATE FOR SPECIAL SERVICES**  
**CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

<b>1. Construction Observation</b>		<b>Man-hour</b>	<b>Rate</b>	<b>Cost</b>
<b>Labor Costs</b>				
Construction Project Manager		36	\$48.08	\$1,730.88
Resident Project Manager 2		104	\$23.00	\$2,392.00
Resident Project Manager 1		324	\$24.00	\$7,776.00
<b>TOTAL DIRECT LABOR</b>				<b>\$11,898.88</b>
Combined Overhead			158.09%	\$18,810.94
FCCM			0.510%	\$60.68
<b>TOTAL LABOR COSTS</b>				<b>\$30,709.82</b>
<b>Out of Pocket Costs</b>				
Travel Expenses (Daphne office to airport)	<b>Trips</b>	<b>Miles</b>	<b>Rate</b>	<b>Cost</b>
	45	50	\$0.545	\$1,226.25
<b>TOTAL OUT OF POCKET</b>				<b>\$1,226.25</b>
<b>Total Construction Observation Costs</b>				
Sub-Total				<b>\$31,936.07</b>
Operating Margin			10%	<b>\$3,193.61</b>
<b>TOTAL CONSTRUCTION OBSERVATION</b>				<b>\$35,190.36</b>

NTE



**Amendment No. 1**

**SA No. 3  
ATTACHMENT A**

**ENGINEERING FEE PROPOSAL**

**FOR**

**PROFESSIONAL SERVICES**

**FOR**

**CONSTRUCT 8-UNIT T-HANGAR - PHASE II**

**AT**

**FOLEY MUNICIPAL AIRPORT**

**FOR THE**

**CITY OF FOLEY**

**APRIL 2018**

**BY**

**VOLKERT**

**Amendment No. 1**

**FOLEY MUNICIPAL AIRPORT**

**PROJECT: CONSTRUCT 8-UNIT T-HANGAR - PHASE II**

**INDEX**

<b><u>DESCRIPTION</u></b>	<b><u>SHEET NUMBER</u></b>
Summary of Estimated Engineering Cost (Basic Services) .....	3
Summary of Estimated Engineering Cost (Special Services) .....	3
Summary of Estimated Construction Cost .....	3
Summary of Project Cost	
Construct 8-Unit T-Hangar - Phase II .....	4

**Amendment No. 1**

**FOLEY MUNICIPAL AIRPORT  
PROJECT: CONSTRUCT 8-UNIT T-HANGAR - PHASE II**

**SUMMARY OF ESTIMATED ENGINEERING COST  
BASIC SERVICES**

Project – Construct 8-Unit T-Hangar - Phase II .....\$27,801.98

**SUMMARY OF ESTIMATED ENGINEERING COST  
SPECIAL SERVICES**

Project – Construct 8-Unit T-Hangar - Phase II .....\$35,190.36

**SUMMARY OF ESTIMATED CONSTRUCTION COST**

Project – Construct 8-Unit T-Hangar - Phase II .....\$513,750.00

**Amendment No. 1**  
**FOLEY MUNICIPAL AIRPORT**  
**SUMMARY OF PROJECT COST**  
**PROJECT: CONSTRUCT 8-UNIT T-HANGAR - PHASE II**

**PROJECT DESCRIPTION**

The project consists of the construction of one (1) pre-engineered 8-Unit Nested T-Hangar. The new hangars will be located to the south of the existing T-Hangar facilities located on the South Apron as shown on the Airport Layout Plan (ALP).

The scope of basic services will include a design phase and construction administration. Special services will include construction observation.

**BASIC SERVICES**

1.	Design Phase .....	\$20,351.20
2.	Construction Administration .....	\$7,450.78
	Subtotal .....	\$27,801.98 LS

**SPECIAL SERVICES**

1.	Construction Observation	
	(a) Volkert, Inc. ....	\$35,190.36
	Subtotal .....	\$35,190.36 NTE

**Total Project ..... \$62,992.34**

LS = Lump Sum  
NTE = Not to Exceed



**MAN-HOUR ESTIMATE FOR BASIC SERVICES**  
**CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

Task No.	Design Phase	Project Manager	Staff 2 Prof	Staff 1 Prof	Admin.
1	Plan Assembly - General (5 Sheets)		1	6	
2	Plan Assembly - Geometrics (1 Sheet)		1	4	
3	Plan Assembly - Foundation Plan (2 Sheets)		16	32	
4	Plan Assembly - Structural Plan (4 Sheets)		16	32	
5	Plan Assembly - Electrical Plan & Details (3 Sheets)		8	24	
6	Specifications - Contract Documents		1		
7	Specifications - General		1		
8	Specifications - Technical		2	8	
9	Engineer's Report		2	8	
10	QA/QC Contract Documents	3	3		
11	FAA / ALDOT Submittals and Reviews (50% and 90%)		4	8	
12	Client Submittals and Review Meetings (50% and 90%)		8		
13	Peer and Constructability Reviews	1		8	
	<b>TOTAL MAN-HOURS</b>	<b>4</b>	<b>63</b>	<b>130</b>	<b>0</b>

Task No.	Construction Administration	Project Manager	Staff 2 Prof	Staff 1 Prof	Admin.
1	Periodic Site Visits		6	6	
2	Shop Drawings		4	16	
3	Admin./Meetings		4		
4	Report(s) Pay Estimates		4		8
5	Final Inspection	4	4		
6	Record Drawings		3	6	1
	<b>TOTAL MAN-HOURS</b>	<b>4</b>	<b>25</b>	<b>28</b>	<b>9</b>

**COST ESTIMATE FOR BASIC SERVICES**  
**CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

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<b>Labor Costs</b>				
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Operating Margin			15%	<b>\$2,649.98</b>
FCCM			0.510%	\$34.69
<b>TOTAL DESIGN PHASE</b>				<b>\$20,351.20</b> LS

2. Construction Administration		Man-hour	Rate	Cost
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**MAN-HOUR ESTIMATE FOR SPECIAL SERVICES  
CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

<b>Task No.</b>	<b>Construction Observation (2 Months)</b>	<b>Const. Proj. Mgr.</b>	<b>RPR 2</b>	<b>RPR 1</b>
1.	Conduct Pre-Construction Meeting	4	4	
2.	Daily Periodic Site Visits	24	80	320
3.	Prepare Contractor's Pay Estimates	2	4	
4.	Conduct Final Inspection/Punch List	4		4
5.	Prepare Record Drawings	1	8	
6.	Prepare Project Closeout Documentation	1	8	
<b>Total</b>		<b>36</b>	<b>104</b>	<b>324</b>



**COST ESTIMATE FOR SPECIAL SERVICES**  
**CONSTRUCT 8-UNIT T-HANGAR - PHASE II @ FOLEY MUNICIPAL AIRPORT**

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