

April 26, 2023

VIA E-MAIL

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

A.I.P. Project No: 3-01-0031-024-2023
Volkert Project No: 1059406
**Project Description: Construct Access Taxilane & 8-Unit T-Hangar
@ Foley Municipal Airport**

**RE: Supplemental Agreement No. 6 - Amendment No. 1
ALDOT Audit Changes (Letter Agreement)**

Dear Ms. Keith:

Supplemental Agreement No. 6, dated December 19, 2022, between the City of Foley and Volkert, Inc. has been reviewed by the Alabama Department of Transportation (ALDOT) for audit accuracy and acceptable overhead and labor rates. ALDOT also performed an evaluation of the submitted tasks and associated man-hours. Due to this review, some adjustments needed to be made to the contract. The changes are as follows:

Project No.		Original Cost	Audited Total	Difference
1059406	Total Preliminary Design Phase	\$6,001.30	\$6,071.35	\$70.05
	Total Design Phase	\$61,405.90	\$58,394.28	(\$3,011.62)
	Total Bid Phase	\$8,444.23	\$8,569.39	\$125.16
	Total Construction Administration Phase	\$38,105.79	\$31,232.03	(\$6,873.76)
	Total CE&I Services	\$95,781.18	\$108,965.75	\$13,184.57
	Total Geo-Tech Services Cost	\$28,350.00	\$28,350.00	\$0.00
	Total Topographic Survey Services Cost	\$6,825.00	\$6,825.00	\$0.00
	Total DBE Plan & Uniform Reporting Cost	\$4,200.00	\$4,200.00	\$0.00
	Total FAA Documentation	\$6,687.09	\$6,980.24	\$293.15
	TOTAL:	\$255,800.49	\$259,588.04	\$3,787.55

ALDOT and the FAA also requested that the agreement be restructured to align with the two grants (AIP & AIG) associated with this project. The engineering services provided for the taxilane have been separated under the AIP grant, and the engineering services associated with the T-hangar are separated under the AIG grant. Below is a table depicting the restructuring of the agreement.

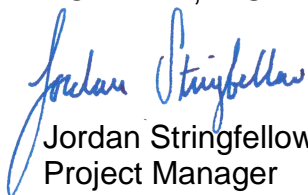
Restructured Supplemental Agreement No. 6				
Task No.	Task Description	AIG Cost (A)	AIP Cost (B)	Total Cost
1A / 1B	Total Preliminary Design Phase	\$2,023.13	\$4,048.23	*\$6,071.36
2A / 2B	Total Design Phase	\$31,330.65	\$27,063.64	*\$58,394.29
3A	Total Bid Phase	\$8,569.39	\$0.00	\$8,569.39
4A / 4B	Total Construction Administration Phase	\$19,659.48	\$11,572.55	\$31,232.03
5A / 5B	Total CE&I Services	\$67,804.51	\$41,161.24	\$108,965.75
6A	Total Geo-Tech Services Cost	\$28,350.00	\$0.00	\$28,350.00
7A	Total Topographic Survey Services Cost	\$6,825.00	\$0.00	\$6,825.00
8A	Total DBE Plan & Uniform Reporting Cost	\$4,200.00	\$0.00	\$4,200.00
9A	Total FAA Documentation	\$6,980.24	\$0.00	\$6,980.24
	TOTAL:	\$175,742.40	\$83,845.66	*\$259,588.06
Original Supplemental Agreement No. 6 Cost				\$255,800.49
Difference				\$3,787.57

*When restructured, the rounding of overhead rates led to small changes in total costs. Man-hours and rates match ALDOT review comments.

If you find the corrections acceptable, please sign page 3 and return a copy to Volkert for our records.

Please call if you have any questions.

Sincerely,
VOLKERT, INC.



Jordan Stringfellow, P.E.
Project Manager

JHS/


Attachment

CITY OF FOLEY

Ralph Hellmich, Mayor

Date: _____

VOLKERT, INC.



Harold Eubanks, P.E.
Civil / Aviation Manager

Date: 04-26-2023

AMENDMENT NO. 1

ATTACHMENT A

ENGINEERING FEE PROPOSAL

FOR

**CONSTRUCT ACCESS TAXILANE & 8-UNIT
T-HANGAR**

FOR



THE CITY OF FOLEY

AT

FOLEY MUNICIPAL AIRPORT, FOLEY, AL

PREPARED BY:

VOLKERT

1110 Montlimar Drive, Suite 1050
Mobile, Alabama 36609

Volkert Project No: 1059406

Submission Date: April 26, 2023

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ALDOT Comments & Audit Report.....	ATTACHMENT C
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PROJECT DESCRIPTION: Construct Access Taxilane & 8-Unit T-Hangar

AMENDMENT NO. 1 SUMMARY

Amendment No. 1 provides for changes to the agreement resulting from ALDOT's review of the scope and audit of provided rates. Refer to Attachment C for ALDOT's comments and audit report.

The agreement has also been restructured at the request of ALDOT & FAA for the purpose of organizing the engineering fees in regards to the FAA grants. The engineering services provided for the taxilane have been organized under the AIP grant, and the engineering services provided for the T-hangar have been organized under the AIG grant. Refer to the summary of services and man-hour estimates on the following pages.

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

**SUMMARY OF ENGINEERING FEE PROPOSAL
CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR**

AIG FUNDING - HANGAR		
BASIC / PROFESSIONAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 1A	TOTAL PRELIMINARY DESIGN PHASE - AIG	\$2,023.13
Task 2A	TOTAL DESIGN PHASE - AIG	\$31,330.65
Task 3	TOTAL BID PHASE	\$8,569.39
Task 4A	TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIG	\$19,659.48
TOTAL BASIC SERVICE COST - LUMP SUM		\$61,582.65
SPECIAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 5A	TOTAL CE&I SERVICES - AIG	\$67,804.51
Task 6	TOTAL GEO-TECH SERVICES COST	\$28,350.00
Task 7	TOTAL TOPOGRAPHIC SURVEY SERVICES COST	\$6,825.00
Task 8	TOTAL DBE PLAN & UNIFORM REPORTING COST	\$4,200.00
Task 9	TOTAL FAA DOCUMENTATION	\$6,980.24
TOTAL SPECIAL SERVICE COST - COST PLUS (NTE)		\$114,159.75
TOTAL AIG ENGINEERING COST		\$175,742.40

AIP FUNDING - TAXILANE		
BASIC / PROFESSIONAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 1B	TOTAL PRELIMINARY DESIGN PHASE - AIP	\$4,048.23
Task 2B	TOTAL DESIGN PHASE - AIP	\$27,063.64
Task 4B	TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIP	\$11,572.55
TOTAL BASIC SERVICE COST - LUMP SUM		\$42,684.42
SPECIAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 5B	TOTAL CE&I SERVICES - AIP	\$41,161.24
TOTAL SPECIAL SERVICE COST - COST PLUS (NTE)		\$41,161.24
TOTAL AIP ENGINEERING COST		\$83,845.66

TOTAL ENGINEERING COST (AIG + AIP)	\$259,588.06
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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

SUMMARY OF ENGINEERING FEE PROPOSAL CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR		
AIG FUNDING - HANGAR		
BASIC / PROFESSIONAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 1A	TOTAL PRELIMINARY DESIGN PHASE - AIG	\$2,023.13
Task 2A	TOTAL DESIGN PHASE - AIG	\$31,330.65
Task 3A	TOTAL BID PHASE	\$8,569.39
Task 4A	TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIG	\$19,659.48
TOTAL BASIC SERVICE COST - LUMP SUM		\$61,582.65
SPECIAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 5A	TOTAL CE&I SERVICES - AIG	\$67,804.51
Task 6	TOTAL GEO-TECH SERVICES COST	\$28,350.00
Task 7	TOTAL TOPOGRAPHIC SURVEY SERVICES COST	\$6,825.00
Task 8	TOTAL DBE PLAN & UNIFORM REPORTING COST	\$4,200.00
Task 9	TOTAL FAA DOCUMENTATION	\$6,980.24
TOTAL SPECIAL SERVICE COST - COST PLUS (NTE)		\$114,159.75
TOTAL AIG ENGINEERING COST		\$175,742.40

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR PRELIMINARY DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
1A	PRELIMINARY DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
1.1	Pre-Design & Owner Coordination Meeting	2	2		1
1.2	Site Evaluation and Visual Inspections	3	3		
TOTAL PRELIMINARY DESIGN MAN-HOURS		5	5	0	1

Task No.	PROPOSED PRELIMINARY DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
1A	PRELIMINARY DESIGN PHASE	Man-hour	Rate	Cost	
Labor Costs					
	Project Manager	5	\$70.83	\$354.15	
	Staff 2 Professional	5	\$57.35	\$286.75	
	Technician	0	\$39.98	\$0.00	
	Administrative Assistant	1	\$32.27	\$32.27	
TOTAL DIRECT LABOR				\$673.17	
	Combined Overhead		143.92%	\$968.83	
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$1,642.00	
	Operating Margin		15.0%	\$246.30	
	FCCM (Direct Labor Only)		0.180%	\$1.21	
TOTAL LABOR COSTS				\$1,889.51	
Out of Pocket Costs					
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate	Cost
		2	102	\$0.655	\$133.62
TOTAL OUT OF POCKET					\$133.62
TOTAL PRELIMINARY DESIGN PHASE - AIG				\$2,023.13	

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
2A	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.A	Design & Analysis				
2.A1	Evaluate Survey Data	1	4	8	
2.A2	Perform Drainage Analysis & Design	2	8	8	
2.A3	Develop Horizontal & Vertical Alignments for Taxilanes	0	0	0	
2.A4	Develop Taxilane Pavement Section	0	0	0	
2.B	Plan Development				
2.B1	Title Sheet & Index		0.5	1	
2.B2	Airport Layout Plan		0.5	1	
2.B3	Construction Safety & Phasing Plan (CSPP)	0	0	0	
2.B4	Project Notes Sheet	1	2	2	
2.B5	Summary of Quantities	2	2	8	
2.B6	Geometric Data Sheets		0	0	
2.B7	Typical Sections	0	0	0	
2.B8	Plan and Profile Sheets - Taxilanes	0	0	0	
2.B9	Drainage Plan & Details	0	0	0	
2.B10	Marking Plan & Details		0	0	
2.B11	Cross Sections - Taxilanes	0	0	0	
2.B12	Hangar Floor Plan & Minimum Requirements	2	4	8	
2.B13	Hangar Electrical Plan	4	16	24	
2.B14	Utility Plan	4	8	16	
2.C	Construction Contract & Specifications				
2.C1	Contract Documents	1	8		5
2.C2	Technical Specifications	1	8		4
2.D	Permitting & Coordination				
2.D1	Notice of Proposed Construction - FAA 7460 (Hangar)	0	1	1	
2.D2	Notice of Proposed Construction - FAA 7460 (CSPP)	0	0	0	
2.D3	Coordination with City of Foley Building Department & Fire Department	8	8		

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
2A	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.E	QA/QC				
2.E1	Engineer's Report	1	4	4	2
2.E2	QA/QC Documents & Reviews		4		
2.E3	Peer and Constructability Reviews	2	6		
2.F	Submittals & Review Meetings				
2.F1	90% Packaging & Submission		2		1
2.F2	90% Review Meeting with Sponsor	1	2		
2.F3	100% Packaging & Submission		2		1
2.F4	100% Review Meeting with Sponsor	1	2		1
TOTAL DESIGN MAN-HOURS		31	92	81	14

Task No.	PROPOSED DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
2A	DESIGN PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	31	\$70.83	\$2,195.73
	Staff 2 Professional	92	\$57.35	\$5,276.20
	Technician	81	\$39.98	\$3,238.38
	Administrative Assistant	14	\$32.27	\$451.78
TOTAL DIRECT LABOR				\$11,162.09
	Combined Overhead		143.92%	\$16,064.48
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$27,226.57
	Operating Margin		15.0%	\$4,083.99
	FCCM (Direct Labor Only)		0.180%	\$20.09
TOTAL LABOR COSTS				\$31,330.65
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		0	102	\$0.655
TOTAL OUT OF POCKET				\$0.00
TOTAL DESIGN PHASE - AIG				\$31,330.65

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR BID PHASE ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
3A	BID PHASE	Project Manager	Staff 2 Prof	Tech	Admin
3.1	Coordinate Project Advertisement		2		4
3.2	Prepare Bid Packets & Upload to Quest		2		2
3.3	Conduct Pre-Bid Meeting	4	4		
3.4	Prepare Resume of Pre-Bid Meeting	2	8		2
3.5	Address Questions & Issue Addendums	2	8		2
3.6	Conduct Bid Opening	2	2		
3.7	Evaluate & Reconcile Bids	2	4	2	1
TOTAL BID MAN-HOURS		12	30	2	11

Task No.	PROPOSED BID PHASE FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
3A	BID PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	12	\$70.83	\$849.96
	Staff 2 Professional	30	\$57.35	\$1,720.50
	Technician	2	\$39.98	\$79.96
	Administrative Assistant	11	\$32.27	\$354.97
TOTAL AIG ENGINEERING COST				\$3,005.39
	Combined Overhead		143.92%	\$4,325.36
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$7,330.75
	Operating Margin		15.0%	\$1,099.61
	FCCM (Direct Labor Only)		0.180%	\$5.41
TOTAL LABOR COSTS				\$8,435.77
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		2	102	\$0.655
TOTAL OUT OF POCKET				\$133.62
TOTAL BID PHASE				
				\$8,569.39 LS

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ADMINISTRATION ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
4A	CONSTRUCTION ADMINISTRATION PHASE (120 Calendar Days)	Project Manager	Staff 2 Prof	Tech	Admin
4.1	Contract Preparation/Printing/Execution		4		8
4.2	Pre-Construction Meeting	2	2		
4.3	Periodic Site Visits & Attend Weekly Meetings	20	40		
4.4	Review Shop Drawings / Submittals	6	12		
4.5	Review Report(s) Pay Estimates		4		
4.6	Attend Final Inspection	2	2		
4.7	Prepare & Issue Record Drawings	1	2	4	4
TOTAL CONSTRUCTION ADMIN. MAN-HOURS		31	66	4	12

Task 6	PROPOSED CONSTRUCTION ADMINISTRATION FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
4A	CONSTRUCTION ADMINISTRATION PHASE (120 Calendar Days)	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	31	\$70.83	\$2,195.73
	Staff 2 Professional	66	\$57.35	\$3,785.10
	Technician	4	\$39.98	\$159.92
	Administrative Assistant	12	\$32.27	\$387.24
TOTAL DIRECT LABOR				\$6,527.99
	Combined Overhead		143.92%	\$9,395.08
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$15,923.07
	Operating Margin		15.0%	\$2,388.46
	FCCM (Direct Labor Only)		0.180%	\$11.75
TOTAL LABOR COSTS				\$18,323.28
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		20	102	\$0.655
TOTAL OUT OF POCKET				\$1,336.20
TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIG				\$19,659.48

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ENGINEERING & INSPECTION (CE&I) ESTIMATE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIG FUNDING - HANGAR					
5A	CE&I SERVICES (120 Calendar Days)	Const. PM	RPR 2	RPR 1	Admin.
5.1	Conduct Pre-Construction Meeting	2	2		2
5.2	Daily Inspection & Reporting	60	200	400	
5.3	Conduct Weekly Status Meetings & Prepare Meeting Minutes	32			32
5.4	Prepare Contractor's Pay Estimates	3		6	6
5.5	Conduct Final Inspection / Punch List	2	2	4	
5.6	Prepare As-Built	1	4		
5.7	Prepare Project Closeout Documentation	1	4	4	8
TOTAL CE&I MAN-HOURS		101	212	414	48

Task No.	PROPOSED CONSTRUCTION ENGINEERING & INSPECTION FEE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
5A	CE&I Services	Man-hour	Rate	Cost
Labor Costs				
	Construction Project Manager	101	\$40.00	\$4,040.00
	Resident Inspector 2	212	\$30.45	\$6,455.40
	Resident Inspector 1	414	\$26.25	\$10,867.50
	Administrative Assistant	48	\$32.27	\$1,548.96
TOTAL DIRECT LABOR				\$22,911.86
	Combined Overhead		143.92%	\$32,974.75
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$55,886.61
	Operating Margin		10.0%	\$5,588.66
	FCCM (Direct Labor Only)		0.180%	\$41.24
TOTAL LABOR COSTS				\$61,516.51
Out of Pocket Costs				
	Travel Expenses (Daphne office to Project Site) (24 Miles 1-way)	Trips	Miles	Rate
		200	48	\$0.655
TOTAL OUT OF POCKET				\$6,288.00
TOTAL CE&I SERVICES - AIG				\$67,804.51

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	GEO-TECH SERVICES SUB-CONSULTANT (Terracon Consultants, Inc.)	
6	GEO-TECH SERVICES - TERRACON	Cost
6.1	Soil Investigations and Recommendations	\$9,500.00
6.2	Construction Material Testing & Reporting	\$17,500.00
SUBTOTAL SUBCONSULTANT COST		\$27,000.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$1,350.00
TOTAL GEO-TECH SERVICES COST		\$28,350.00

NTE

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	TOPOGRAPHIC SURVEY SERVICES SUB-CONSULTANT (Smith, Clark, & Associates, Inc.)	
7	TOPOGRAPHIC SURVEY SERVICES	Cost
7.1	Topographic Survey Services	\$6,500.00
SUBTOTAL SUBCONSULTANT COST		\$6,500.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$325.00
TOTAL TOPOGRAPHIC SURVEY SERVICES COST		\$6,825.00

NTE

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	DEVELOP DBE PLAN & UNIFORM REPORTING SUB-CONSULTANT (Taffy Pippin Consulting, LLC)	
8	DEVELOP DBE PLAN & UNIFORM REPORTING	Cost
8.1	Develop DBE Plan & Uniform Reporting	\$4,000.00
SUBTOTAL SUBCONSULTANT COST		\$4,000.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$200.00
TOTAL DBE PLAN & UNIFORM REPORTING COST		\$4,200.00

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR FAA DOCUMENTATION ESTIMATE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
9	FAA DOCUMENTATION	Project Manager	Staff 2 Prof	Tech	Admin
9.A	FY2023 Grant Application				
9.A1	Prepare & Submit Grant Application Packet		2	2	4
9.A2	Review Meeting with Sponsor		4		
9.A3	Attend City Board Meeting		4		
9.B	FY2023 Grant Management				
9.B1	Prepare & Submit Grant Quarterly Reports		3		9
9.B2	Prepare & Submit Monthly F-25 Invoice via ARGOS System		3		12
9.B3	Manage Statement of Distribution		2		8
9.B4	Grant Closeout Documents		2		8
TOTAL FAA DOC MAN-HOURS		0	20	2	41

Task No.	PROPOSED FAA DOCUMENTATION FEE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
9	FAA Documentation	Man-hour	Rate	COST
Labor Costs				
	Project Manager	0	\$70.83	\$0.00
	Staff 2 Professional	20	\$57.35	\$1,147.00
	Technician	2	\$39.98	\$79.96
	Administrative Assistant	41	\$32.27	\$1,323.07
TOTAL DIRECT LABOR				\$2,550.03
	Combined Overhead		143.92%	\$3,670.00
TOTAL LABOR + OVERHEAD				\$6,220.03
	Operating Margin		10%	\$622.00
	FCCM (Direct Labor Only)		0.180%	\$4.59
SUBTOTAL LABOR COSTS				\$6,846.62
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		2	102	\$0.655
TOTAL OUT OF POCKET				\$133.62
TOTAL FAA DOCUMENTATION				\$6,980.24

NTE

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

SUMMARY OF ENGINEERING FEE PROPOSAL CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR		
AIP FUNDING - TAXILANE		
BASIC / PROFESSIONAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 1B	TOTAL PRELIMINARY DESIGN PHASE - AIP	\$4,048.23
Task 2B	TOTAL DESIGN PHASE - AIP	\$27,063.64
Task 4B	TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIP	\$11,572.55
TOTAL BASIC SERVICE COST - LUMP SUM		\$42,684.42
SPECIAL SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
Task 5B	TOTAL CE&I SERVICES - AIP	\$41,161.24
TOTAL SPECIAL SERVICE COST - COST PLUS (NTE)		\$41,161.24
TOTAL AIP ENGINEERING COST		\$83,845.66

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR PRELIMINARY DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIP FUNDING - TAXILANE					
1B	PRELIMINARY DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
1.1	Pre-Design & Owner Coordination Meeting	6	6		1
1.2	Site Evaluation and Visual Inspections	5	5		
TOTAL PRELIMINARY DESIGN MAN-HOURS		11	11	0	1

Task No.	PROPOSED PRELIMINARY DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
1B	PRELIMINARY DESIGN PHASE	Man-hour	Rate	Cost	
Labor Costs					
	Project Manager	11	\$70.83	\$779.13	
	Staff 2 Professional	11	\$57.35	\$630.85	
	Technician	0	\$39.98	\$0.00	
	Administrative Assistant	1	\$32.27	\$32.27	
TOTAL DIRECT LABOR				\$1,442.25	
	Combined Overhead		143.92%	\$2,075.69	
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$3,517.94	
	Operating Margin		15.0%	\$527.69	
	FCCM (Direct Labor Only)		0.180%	\$2.60	
TOTAL LABOR COSTS				\$4,048.23	
Out of Pocket Costs					
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate	Cost
		0	102	\$0.655	\$0.00
TOTAL OUT OF POCKET					\$0.00
TOTAL PRELIMINARY DESIGN PHASE - AIP				\$4,048.23	

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIP FUNDING - TAXILANE					
2B	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.A	Design & Analysis				
2.A1	Evaluate Survey Data	0	4	0	
2.A2	Perform Drainage Analysis & Design	0	8	0	
2.A3	Develop Horizontal & Vertical Alignments for Taxilanes	0.5	4	8	
2.A4	Develop Taxilane Pavement Section	0.5	4	8	
2.B	Plan Development				
2.B1	Title Sheet & Index		0	0	
2.B2	Airport Layout Plan		0	0	
2.B3	Construction Safety & Phasing Plan (CSPP)	2	4	8	
2.B4	Project Notes Sheet	0	0	0	
2.B5	Summary of Quantities	0	6	0	
2.B6	Geometric Data Sheets		2	4	
2.B7	Typical Sections	1	4	8	
2.B8	Plan and Profile Sheets - Taxilanes	1	6	8	
2.B9	Drainage Plan & Details	4	8	16	
2.B10	Marking Plan & Details		2	4	
2.B11	Cross Sections - Taxilanes	2	8	16	
2.B12	Hangar Floor Plan & Minimum Requirements	0	0	0	
2.B13	Hangar Electrical Plan	0	0	0	
2.B14	Utility Plan	0	0	0	
2.C	Construction Contract & Specifications				
2.C1	Contract Documents	1	0		3
2.C2	Technical Specifications	1	8		4
2.D	Permitting & Coordination				
2.D1	Notice of Proposed Construction - FAA 7460 (Hangar)	0	0	0	
2.D2	Notice of Proposed Construction - FAA 7460 (CSPP)	0	1	1	
2.D3	Coordination with City of Foley Building Department & Fire Department	0	0		

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIP FUNDING - TAXILANE					
2B	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.E	QA/QC				
2.E1	Engineer's Report	1	0	4	2
2.E2	QA/QC Documents & Reviews		4		
2.E3	Peer and Constructability Reviews	4	0		
2.F	Submittals & Review Meetings				
2.F1	90% Packaging & Submission		0		1
2.F2	90% Review Meeting with Sponsor	1	2		
2.F3	100% Packaging & Submission		0		1
2.F4	100% Review Meeting with Sponsor	1	2		1
TOTAL DESIGN MAN-HOURS		20	77	85	12

Task No.	PROPOSED DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
2B	DESIGN PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	20	\$70.83	\$1,416.60
	Staff 2 Professional	77	\$57.35	\$4,415.95
	Technician	85	\$39.98	\$3,398.30
	Administrative Assistant	12	\$32.27	\$387.24
TOTAL DIRECT LABOR				\$9,618.09
	Combined Overhead		143.92%	\$13,842.36
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$23,460.45
	Operating Margin		15.0%	\$3,519.07
	FCCM (Direct Labor Only)		0.180%	\$17.31
TOTAL LABOR COSTS				\$26,996.83
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		1	102	\$0.655
				\$66.81
TOTAL OUT OF POCKET				\$66.81
TOTAL DESIGN PHASE - AIP				\$27,063.64

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ADMINISTRATION ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIP FUNDING - TAXILANE					
4B	CONSTRUCTION ADMINISTRATION PHASE (60 Calendar Days)	Project Manager	Staff 2 Prof	Tech	Admin
4.1	Contract Preparation/Printing/Execution		0		0
4.2	Pre-Construction Meeting	2	2		
4.3	Periodic Site Visits & Attend Weekly Meetings	14	28		
4.4	Review Shop Drawings / Submittals	2	4		
4.5	Review Report(s) Pay Estimates	0	2		
4.6	Attend Final Inspection	2	2		
4.7	Prepare & Issue Record Drawings	0	0	4	4
TOTAL CONSTRUCTION ADMIN. MAN-HOURS		20	38	4	4

Task 6	PROPOSED CONSTRUCTION ADMINISTRATION FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
4B	CONSTRUCTION ADMINISTRATION PHASE (60 Calendar Days)	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	20	\$70.83	\$1,416.60
	Staff 2 Professional	38	\$57.35	\$2,179.30
	Technician	4	\$39.98	\$159.92
	Administrative Assistant	4	\$32.27	\$129.08
TOTAL DIRECT LABOR				\$3,884.90
	Combined Overhead		143.92%	\$5,591.15
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$9,476.05
	Operating Margin		15.0%	\$1,421.41
	FCCM (Direct Labor Only)		0.180%	\$6.99
TOTAL LABOR COSTS				\$10,904.45
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		10	102	\$0.655
TOTAL OUT OF POCKET				\$668.10
TOTAL CONSTRUCTION ADMINISTRATION PHASE - AIP				\$11,572.55

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ENGINEERING & INSPECTION (CE&I) ESTIMATE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
AIP FUNDING - TAXILANE					
5B	CE&I SERVICES (60 Calendar Days)	Const. PM	RPR 2	RPR 1	Admin.
5.1	Conduct Pre-Construction Meeting	2	2		2
5.2	Daily Inspection & Reporting	36	120	240	
5.3	Conduct Weekly Status Meetings & Prepare Meeting Minutes	16			16
5.4	Prepare Contractor's Pay Estimates	3		6	6
5.5	Conduct Final Inspection / Punch List	2	2	4	
5.6	Prepare As-Built	1	4		
5.7	Prepare Project Closeout Documentation	1	4	4	8
TOTAL CE&I MAN-HOURS		61	132	254	32

Task No.	PROPOSED CONSTRUCTION ENGINEERING & INSPECTION FEE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
5B	CE&I Services	Man-hour	Rate	Cost
Labor Costs				
	Construction Project Manager	61	\$40.00	\$2,440.00
	Resident Inspector 2	132	\$30.45	\$4,019.40
	Resident Inspector 1	254	\$26.25	\$6,667.50
	Administrative Assistant	32	\$32.27	\$1,032.64
TOTAL DIRECT LABOR				\$14,159.54
	Combined Overhead		143.92%	\$20,378.41
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$34,537.95
	Operating Margin		10.0%	\$3,453.80
	FCCM (Direct Labor Only)		0.180%	\$25.49
TOTAL LABOR COSTS				\$38,017.24
Out of Pocket Costs				
	Travel Expenses (Daphne office to Project Site) (24 Miles 1-way)	Trips	Miles	Rate
		100	48	\$0.655
TOTAL OUT OF POCKET				\$3,144.00
TOTAL CE&I SERVICES - AIP				\$41,161.24

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AMENDMENT NO. 1

ATTACHMENT C

**ALDOT REVIEW COMMENTS &
AUDIT REPORT**

FOR

**CONSTRUCT ACCESS TAXILANE & 8-UNIT
T-HANGAR**

FOR



THE CITY OF FOLEY

AT

FOLEY MUNICIPAL AIRPORT, FOLEY, AL

Volkert Project No: 1059406

Submission Date: April 26, 2023

Jordan Stringfellow

From: Janney, Taylor <janneyt@dot.state.al.us>
Sent: Thursday, March 2, 2023 9:37 AM
To: Jordan Stringfellow
Cc: Rachel Keith; Owens, Lloyd D (FAA)
Subject: RE: FY23 - Foley Municipal Airport - Engineering Agreement
Attachments: R-6 Signed Audit Report.pdf; O-5 Recalculation of Costs - ALDOT review.xlsx

EXTERNAL EMAIL. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Jordan,

We have finished our fee and audit review and have the following comments:

- The labor rates were found to be incorrect. Please use the correct labor rates listed in the attached audit report.
- Please update the mileage rate to \$0.655 / per mile.
- Please make fee changes as highlighted under the design phase tab of the attached excel file.
- Please make fee changes as highlighted under the Construction Admin phase tab of the attached excel file.
- I appreciate you discussing the estimated construction period with me. I do think 180 days is excessive and 120 days would be more accurate. Since the construction inspection is a special service and cost plus 10%, I don't see a huge need to change the current budget. I did take 120 day construction period into account with the fee changes on task #4.3 in the construction admin phase. Please keep in mind that an RPR is needed daily for the taxi-lane grading and paving, but would not be needed full time for the Hangar construction.

Thank you for working with me on this agreement and let me know if you have any questions.
Please forward me a copy of the executed agreement.

Sincerely,
Taylor Janney



Taylor Janney, P.E.
Aeronautics Engineering Manager
Alabama Department of Transportation
Cell: (334) 300-0743
Direct: (334) 242-6834
FAX: (334) 353-6540

From: Jordan Stringfellow <jordan.stringfellow@volkert.com>
Sent: Thursday, December 15, 2022 2:22 PM
To: Janney, Taylor <janneyt@dot.state.al.us>
Cc: Rachel Keith <rkeith@cityoffoley.org>
Subject: FY23 - Foley Municipal Airport - Engineering Agreement

Taylor,

Please find our engineering agreement for the upcoming FY2023 project at the Foley Municipal Airport to construct an 8-Unit T-Hangar and access taxiway attached for your review.

Please let us know if you have any questions.

Thanks,

Jordan Stringfellow, P.E.

Project Manager | Volkert, Inc.

1110 Montlimar Dr., Suite 1050, Mobile, AL 36609

251.342.1070 x1321 | cell: 251.605.6020 | jordan.stringfellow@volkert.com

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Recalculation of Cost - Foley

Prepared by: Alex Hetzel, ALDOT External Auditor 1/13/23

rev'd 01/25/2023

SUMMARY OF ENGINEERING FEE PROPOSAL CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
BASIC / PROFESSIONAL SERVICES				
TASK	SERVICE DESCRIPTION	Analyzed	Proposed	Variance
Task 1	TOTAL PRELIMINARY DESIGN PHASE	\$6,071.35	\$ 6,001.30	\$ 70.05
Task 2	TOTAL DESIGN PHASE	\$58,394.28	\$ 61,405.90	\$ (3,011.62)
Task 3	TOTAL BID PHASE	\$8,569.39	\$ 8,444.23	\$ 125.16
Task 4	TOTAL CONSTRUCTION ADMINISTRATION PHASE	\$31,232.03	\$ 38,105.79	\$ (6,873.76)
TOTAL BASIC SERVICE COST - LUMP SUM		\$104,267.05	\$ 113,957.22	\$ (9,690.17)
SPECIAL SERVICES				
TASK	SERVICE DESCRIPTION	Analyzed	Proposed	Variance
Task 5	TOTAL CE&I SERVICES	\$108,965.75	\$ 95,781.18	\$ 13,184.57
Task 6	TOTAL GEO-TECH SERVICES COST	\$28,350.00	\$ 28,350.00	\$ -
Task 7	TOTAL TOPOGRAPHIC SURVEY SERVICES COST	\$6,825.00	\$ 6,825.00	\$ -
Task 8	TOTAL DBE PLAN & UNIFORM REPORTING COST	\$4,200.00	\$ 4,200.00	\$ -
Task 9	TOTAL FAA DOCUMENTATION	\$6,980.24	\$ 6,687.09	\$ 293.15
TOTAL SPECIAL SERVICE COST - COST PLUS (NTE)		\$155,320.99	\$ 141,843.27	\$ 13,477.72
TOTAL ENGINEERING COST		\$259,588.04	\$255,800.49	\$3,787.55

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR PRELIMINARY DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
1	PRELIMINARY DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
1.1	Pre-Design & Owner Coordination Meeting	8	8		2
1.2	Site Evaluation and Visual Inspections	8	8		
TOTAL PRELIMINARY DESIGN MAN-HOURS		16	16	0	2

Task No.	PROPOSED PRELIMINARY DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
1	PRELIMINARY DESIGN PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	16	\$70.83	\$1,133.28
	Staff 2 Professional	16	\$57.35	\$917.60
	Technician	0	\$39.98	\$0.00
	Administrative Assistant	2	\$32.27	\$64.54
TOTAL DIRECT LABOR				\$2,115.42
	Combined Overhead		143.92%	\$3,044.51
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$5,159.93
	Operating Margin		15.0%	\$773.99
	FCCM (Direct Labor Only)		0.180%	\$3.81
TOTAL LABOR COSTS				\$5,937.73
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		2	102	\$0.655
TOTAL OUT OF POCKET				\$133.62
TOTAL PRELIMINARY DESIGN PHASE				\$6,071.35

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
2	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.A	Design & Analysis				
2.A1	Evaluate Survey Data	1	8	8	
2.A2	Perform Drainage Analysis & Design	2	16	8	
2.A3	Develop Horizontal & Vertical Alignments for Taxilanes	0.5	4	8	
2.A4	Develop Taxilane Pavement Section	0.5	4	8	
2.B	Plan Development				
2.B1	Title Sheet & Index		0.5	1	
2.B2	Airport Layout Plan		0.5	1	
2.B3	Construction Safety & Phasing Plan (CSPP)	2	4	8	
2.B4	Project Notes Sheet	1	2	2	
2.B5	Summary of Quantities	2	8	8	
2.B6	Geometric Data Sheets		2	4	
2.B7	Typical Sections	1	4	8	
2.B8	Plan and Profile Sheets - Taxilanes	1	6	8	
2.B9	Drainage Plan & Details	4	8	16	
2.B10	Marking Plan & Details		2	4	
2.B11	Cross Sections - Taxilanes	2	8	16	
2.B12	Hangar Floor Plan & Minimum Requirements	2	4	8	
2.B13	Hangar Electrical Plan	4	16	24	
2.B14	Utility Plan	4	8	16	
2.C	Construction Contract & Specifications				
2.C1	Contract Documents	2	8		8
2.C2	Technical Specifications	2	16		8
2.D	Permitting & Coordination				
2.D1	Notice of Proposed Construction - FAA 7460 (Hangar)	0	1	1	
2.D2	Notice of Proposed Construction - FAA 7460 (CSPP)	0	1	1	
2.D3	Coordination with City of Foley Building Department & Fire Department	8	8		

PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR DESIGN ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
2	DESIGN PHASE	Project Manager	Staff 2 Prof	Tech	Admin
2.E	QA/QC				
2.E1	Engineer's Report	2	4	8	4
2.E2	QA/QC Documents & Reviews		8		
2.E3	Peer and Constructability Reviews	6	6		
2.F	Submittals & Review Meetings				
2.F1	90% Packaging & Submission		2		2
2.F2	90% Review Meeting with Sponsor	2	4		
2.F3	100% Packaging & Submission		2		2
2.F4	100% Review Meeting with Sponsor	2	4		2
TOTAL DESIGN MAN-HOURS		51	169	166	26

Task No.	PROPOSED DESIGN FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
2	DESIGN PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	51	\$70.83	\$3,612.33
	Staff 2 Professional	169	\$57.35	\$9,692.15
	Technician	166	\$39.98	\$6,636.68
	Administrative Assistant	26	\$32.27	\$839.02
TOTAL DIRECT LABOR				\$20,780.18
	Combined Overhead		143.92%	\$29,906.84
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$50,687.02
	Operating Margin		15.0%	\$7,603.05
	FCCM (Direct Labor Only)		0.180%	\$37.40
TOTAL LABOR COSTS				\$58,327.47
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		1	102	\$0.655
TOTAL OUT OF POCKET				\$66.81
TOTAL DESIGN PHASE				\$58,394.28

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR BID PHASE ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
3	BID PHASE	Project Manager	Staff 2 Prof	Tech	Admin
3.1	Coordinate Project Advertisement		2		4
3.2	Prepare Bid Packets & Upload to Quest		2		2
3.3	Conduct Pre-Bid Meeting	4	4		
3.4	Prepare Resume of Pre-Bid Meeting	2	8		2
3.5	Address Questions & Issue Addendums	2	8		2
3.6	Conduct Bid Opening	2	2		
3.7	Evaluate & Reconcile Bids	2	4	2	1
TOTAL BID MAN-HOURS		12	30	2	11

Task No.	PROPOSED BID PHASE FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
3	BID PHASE	Man-hour	Rate	Cost	
Labor Costs					
	Project Manager	12	\$70.83	\$849.96	
	Staff 2 Professional	30	\$57.35	\$1,720.50	
	Technician	2	\$39.98	\$79.96	
	Administrative Assistant	11	\$32.27	\$354.97	
TOTAL DIRECT LABOR				\$3,005.39	
	Combined Overhead			143.92%	\$4,325.36
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$7,330.75	
	Operating Margin			15.0%	\$1,099.61
	FCCM (Direct Labor Only)			0.180%	\$5.41
TOTAL LABOR COSTS				\$8,435.77	
Out of Pocket Costs					
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate	Cost
		2	102	\$0.655	\$133.62
TOTAL OUT OF POCKET				\$133.62	
TOTAL BID PHASE				\$8,569.39	

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ADMINISTRATION ESTIMATE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
4	CONSTRUCTION ADMINISTRATION PHASE (180 Calendar Days)	Project Manager	Staff 2 Prof	Tech	Admin
4.1	Contract Preparation/Printing/Execution		4		8
4.2	Pre-Construction Meeting	4	4		
4.3	Periodic Site Visits & Attend Weekly Meetings	34	68		
4.4	Review Shop Drawings / Submittals	8	16		
4.5	Review Report(s) Pay Estimates		6		
4.6	Attend Final Inspection	4	4		
4.7	Prepare & Issue Record Drawings	1	2	8	8
TOTAL CONSTRUCTION ADMIN. MAN-HOURS		51	104	8	16

Task No.	PROPOSED CONSTRUCTION ADMINISTRATION FEE - VOLKERT CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
4	CONSTRUCTION ADMINISTRATION PHASE	Man-hour	Rate	Cost
Labor Costs				
	Project Manager	51	\$70.83	\$3,612.33
	Staff 2 Professional	104	\$57.35	\$5,964.40
	Technician	8	\$39.98	\$319.84
	Administrative Assistant	16	\$32.27	\$516.32
TOTAL DIRECT LABOR				\$10,412.89
	Combined Overhead		143.92%	\$14,986.23
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$25,399.12
	Operating Margin		15.0%	\$3,809.87
	FCCM (Direct Labor Only)		0.180%	\$18.74
TOTAL LABOR COSTS				\$29,227.73
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		30	102	\$0.655
				\$2,004.30
TOTAL OUT OF POCKET				\$2,004.30
TOTAL CONSTRUCTION ADMINISTRATION PHASE				\$31,232.03

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR CONSTRUCTION ENGINEERING & INSPECTION (CE&I) ESTIMATE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
5	CE&I SERVICES (180 Calendar Days)	Const. PM	RPR 2	RPR 1	Admin.
5.1	Conduct Pre-Construction Meeting	4	4		4
5.2	Daily Inspection & Reporting	96	320	640	
5.3	Conduct Weekly Status Meetings & Prepare Meeting Minutes	48			48
5.4	Prepare Contractor's Pay Estimates	6		12	12
5.5	Conduct Final Inspection / Punch List	4	4	8	
5.6	Prepare As-Builts	2	8		
5.7	Prepare Project Closeout Documentation	2	8	8	16
TOTAL CE&I MAN-HOURS		162	344	668	80

Task No.	PROPOSED CONSTRUCTION ENGINEERING & INSPECTION FEE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
5	CE&I Services	Man-hour	Rate	Cost
Labor Costs				
	Construction Project Manager	162	\$40.00	\$6,480.00
	Resident Inspector 2	344	\$30.45	\$10,474.80
	Resident Inspector 1	668	\$26.25	\$17,535.00
	Administrative Assistant	80	\$32.27	\$2,581.60
TOTAL DIRECT LABOR				\$37,071.40
	Combined Overhead		143.92%	\$53,353.16
TOTAL DIRECT LABOR PLUS COMBINED OVERHEAD				\$90,424.56
	Operating Margin		10.0%	\$9,042.46
	FCCM (Direct Labor Only)		0.180%	\$66.73
TOTAL LABOR COSTS				\$99,533.75
Out of Pocket Costs				
	Travel Expenses (Daphne office to Project Site) (24 Miles 1-way)	Trips	Miles	Rate
		300	48	\$0.655
TOTAL OUT OF POCKET				\$9,432.00
TOTAL CE&I SERVICES				\$108,965.75

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	GEO-TECH SERVICES SUB-CONSULTANT (Terracon Consultants, Inc.)	
6	GEO-TECH SERVICES - TERRACON	Cost
6.1	Soil Investigations and Recommendations	\$9,500.00
6.2	Construction Material Testing & Reporting	\$17,500.00
SUBTOTAL SUBCONSULTANT COST		\$27,000.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$1,350.00
TOTAL GEO-TECH SERVICES COST		\$28,350.00

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	TOPOGRAPHIC SURVEY SERVICES SUB-CONSULTANT (Smith, Clark, & Associates, Inc.)	
7	TOPOGRAPHIC SURVEY SERVICES	Cost
7.1	Topographic Survey Services	\$6,500.00
SUBTOTAL SUBCONSULTANT COST		\$6,500.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$325.00
TOTAL TOPOGRAPHIC SURVEY SERVICES COST		\$6,825.00

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	DEVELOP DBE PLAN & UNIFORM REPORTING SUB-CONSULTANT (Taffy Pippin Consulting, LLC)	
8	DEVELOP DBE PLAN & UNIFORM REPORTING	Cost
8.1	Develop DBE Plan & Uniform Reporting	\$4,000.00
SUBTOTAL SUBCONSULTANT COST		\$4,000.00
Volkert, Inc. (Management Fee, 5% of Total Subconsultant Fee)		\$200.00
TOTAL DBE PLAN & UNIFORM REPORTING COST		\$4,200.00

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PROJECT DESCRIPTION: Construct Access Taxilane and 8-Unit T-Hangar

Task No.	MAN-HOUR FAA DOCUMENTATION ESTIMATE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR				
9	FAA DOCUMENTATION	Project Manager	Staff 2 Prof	Tech	Admin
9.A	FY2023 Grant Application				
9.A1	Prepare & Submit Grant Application Packet		2	2	4
9.A2	Review Meeting with Sponsor		4		
9.A3	Attend City Board Meeting		4		
9.B	FY2023 Grant Management				
9.B1	Prepare & Submit Grant Quarterly Reports		3		9
9.B2	Prepare & Submit Monthly F-25 Invoice via ARGOS System		3		12
9.B3	Manage Statement of Distribution		2		8
9.B4	Grant Closeout Documents		2		8
TOTAL FAA DOC MAN-HOURS		0	20	2	41

Task No.	PROPOSED FAA DOCUMENTATION FEE CONSTRUCT ACCESS TAXILANE & 8-UNIT T-HANGAR			
9	FAA Documentation	Man-hour	Rate	COST
Labor Costs				
	Project Manager	0	\$70.83	\$0.00
	Staff 2 Professional	20	\$57.35	\$1,147.00
	Technician	2	\$39.98	\$79.96
	Administrative Assistant	41	\$32.27	\$1,323.07
TOTAL DIRECT LABOR				\$2,550.03
	Combined Overhead		143.92%	\$3,670.00
TOTAL LABOR + OVERHEAD				\$6,220.03
	Operating Margin		10%	\$622.00
	FCCM (Direct Labor Only)		0.180%	\$4.59
SUBTOTAL LABOR COSTS				\$6,846.62
Out of Pocket Costs				
	Travel Expenses (Mobile office to Project Site) (51 Miles 1-way)	Trips	Miles	Rate
		2	102	\$0.655
TOTAL OUT OF POCKET				\$133.62
TOTAL FAA DOCUMENTATION				\$6,980.24

NTE



ALABAMA DEPARTMENT OF TRANSPORTATION

1409 Coliseum Boulevard
Montgomery, Alabama 36110

Telephone: 334.242.6311



Kay Ivey
Governor

John R. Cooper
Transportation Director

January 13, 2023

To: Frank Farmer
Aeronautics Bureau Chief

Attn: Taylor Janney


From: Bureau of Finance and Audit, External Audit Section


Subject: Volkert, Inc. and the City of Foley
Foley Municipal Airport
Baldwin County
Project: Construct Access Taxilane and 8-Unit Hangar
Report #A23-ADR-21


The above noted report is attached for your records. If applicable, please forward copies to the consultant and appropriate regions/bureaus.

The attached information represents an analysis of Volkert, Inc. and City of Foley proposal. Also included is the required Agreement Approval Form.

Respectfully,


Prepared by: Alex Hetzel
External Audit Supervisor


Submitted & Reviewed by: Rosie Fagg
External Audit Manager


Approved by: John Whiteside
Assistant Director of Finance and Audit



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Kay Ivey
Governor

John R. Cooper
Transportation Director

Bureau of Finance and Audit Agreement Approval Form

The proposal from Volkert, Inc. and the City of Foley at Foley Municipal Airport, described as Construct Access Taxilane and 8-Unit T-Hangar has been analyzed by the External Audit section of the Bureau of Finance and Audit. The results of the analysis are in report #A23-ADR-21.

Approved by: 
John Whiteside
Assistant Director of Finance & Audit

1-25-2023
Date



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Kay Ivey
Governor


John R. Cooper
Transportation Director

January 13, 2023

TO: Frank Farmer
Aeronautics Bureau Chief

ATTN: Taylor Janney

FROM: Alex Hetzel 
External Audit Supervisor

APPROVED: Rosie Fagg 
External Audit Manager

SUBJECT: Volkert, Inc. and the City of Foley
Foley Municipal Airport
Project: Construct Access Taxilane and 8-Unit T-Hangar
Baldwin County
Report No. A23-ADR-21

As per your request, an office analysis has been made of the consultant's proposed costs on the above referenced project.

The direct labor rates were compared to the consultant's labor certification. The labor rates were found to be incorrect. The labor rates that should be used in this agreement are listed below:

<u>Classifications</u>	<u>Hourly Rate</u>
Project Manager	\$ 70.83
Staff 2 Professional	\$ 57.35
Staff 1 Professional	\$ 38.40
Technician	\$ 39.98
Construction Project Manager	\$ 40.00
Resident Inspector 2	\$ 30.45
Resident Inspector 1	\$ 26.25
Administrative Assistant	\$ 32.27

The indirect cost rate of 143.92 % was compared to the approved indirect cost rate and found to be correct. This rate is for the fiscal year ended December 31, 2021.

The facilities capital cost of money rate of 0.18% was compared to the approved facilities capital cost of money rate and found to be correct. This rate is for the fiscal year ended December 31, 2021.

The item of direct non-payroll costs was analyzed and found to be correct, except for mileage. The correct mileage rate is \$0.655.

The sub-consultants' costs were traced to the sub-consultants' quotes. The proposed amount agrees with the amounts listed in the quotes.

The items of operating margins were analyzed and found to be correct.

Based upon the above, approval of the agreement is recommended.

Cc: Jeff Hornsby, Director of Finance and Audit
File