

**SUPPLEMENTAL AGREEMENT NO. 8
TO CONTRACT FOR PROFESSIONAL SERVICES
BETWEEN THE
CITY OF FOLEY AND VOLKERT, INC.**

THIS SUPPLEMENTAL AGREEMENT, made and entered into this _____ day of _____, 2013 by and between the City of Foley (hereinafter called the OWNER), AND Volkert, Inc. (hereinafter called the CONSULTANT).

WITNESSETH, THAT:

WHEREAS, the Owner and the Consultant entered into an Agreement on April 22, 2010 (Original Contract) whereby, the Consultant is to provide all necessary professional services associated with improvements to the Foley Municipal Airport, Foley, Alabama, as is more specifically set forth in said Agreement; and

WHEREAS, the Owner now desires to proceed with the preparation of design documents and construction phase services to accomplish the following airport improvement:

Construct Fuel Farm

See Attachment "A" for detailed scope of work

WHEREAS, the Consultant is agreeable to completing the required work for fees that are acceptable to the Owner and in accordance with the latest requirements of the Federal Aviation Administration for federal funding of projects;

NOW THEREFORE, it is hereby agreed between the parties hereto that the Original Contract be supplemented as follows:

SECTION I. BASIC SERVICES

The engineer shall furnish and perform basic services consisting of design, bidding and construction phase services as described in the General Provisions of the Original Contract and made a part hereof for the following described project:

The project includes the design and construction services of a full-serve fuel system. The full-serve fuel system will include one (1) 10,000-gallon double wall fuel tank for 100 LL, foundation, and required full serve equipment. The full-serve equipment requires the installation of power service.

The scope of services will include a preliminary phase, design phase, bid phase, and construction phase. Special Services will include survey, construction observation, and geotechnical investigation.

SECTION II. SPECIAL SERVICES

The engineer shall furnish and perform special services consisting of:

- A. Survey – Volkert will provide a survey at the rates established in the attached Attachment “A”, and hourly rates for Engineer’s services as specified below in Section III, Method of Payment.
- B. Construction Observation- Volkert will provide periodic observation of the construction work by a Resident Project Representative (RPR) as outlined in the General Provisions.
- C. Geotechnical Investigation – Provide geotechnical investigation services by Subconsultant at the rates established in the attached Attachment “A”, and hourly rates for Engineer’s services as specified below in Section III, Method of Payment.

SECTION III. METHOD OF PAYMENT

The Consultant agrees to provide all services included in Section 1, Basic Services, of this Supplemental Agreement at the lump sum amount of Twenty Five Thousand Nine Hundred Forty Six Dollars and Forty Three Cents (\$25,946.43) as summarized in ATTACHMENT “A” hereto.

For all work associated with Special Services included in Section II, the Engineer will be compensated a fee consisting of direct salary as defined herein, plus Current ALDOT audited rate for overhead, plus out-of-pocket expenses, plus profit at ten percent (10%) as summarized in Attachment “A” attached hereto.

Direct salary is actual salary paid to each employee.

In addition to compensation computed above, reimbursement of actual cost shall be made for travel, subsistence, printing costs and other general out-of-pocket expenses required specifically for the contract.

The Owner will pay the Engineer for special services performed by subconsultants at the actual invoice amount. Consultant’s time for assisting and coordinating the subconsultants services will be billed as special services.

All work encompassed herein shall be accomplished in accordance with the requirements of the aforesaid Original contract, and all requirements of said Agreement except as specifically modified by this Supplemental agreement, shall remain in full force and effect.

CITY OF FOLEY

Attest: _____

John E. Koniar
Mayor

VOLKERT, INC.

Attest: Margaret Hancken
Name: Margaret Hancken
Title: Controller/Secretary

Guy E. O'Connor
Name: Guy E. O'Connor, P.E.
Title: Senior Vice President

ATTACHMENT A
ENGINEERING FEE PROPOSAL
FOR
PROFESSIONAL SERVICES
CONSTRUCT FUEL FARM
AT
FOLEY MUNICIPAL AIRPORT
FOR THE
CITY OF FOLEY
FOLEY, ALABAMA

By
Volkert, Inc.

April , 2013

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**SUMMARY OF ESTIMATED ENGINEERING COST
BASIC SERVICES**

Project	Construct Fuel Farm	\$25,946.43
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SUMMARY OF ESTIMATED CONSTRUCTION COST

Project	Construct Fuel Farm	\$175,000.00
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SUMMARY OF PROJECT COST
PROJECT – CONSTRUCT FUEL FARM

PROJECT DESCRIPTION

SECTION I. BASIC SERVICES

This project includes the design and construction of a full-serve fuel system. The full-serve fuel system will include one (1) 10,000-gallon double wall fuel tank for 100 LL, foundation, and required full-serve equipment. The full-serve equipment requires the installation of power service.

The scope of services will include a preliminary phase, design phase, bid phase, and construction phase. Special services will include survey, construction observation, and geotechnical investigation.

BASIC SERVICES

(1) Preliminary Phase	\$1,925.32
(2) Design Phase.....	\$12,591.78
(3) Bid Phase	\$3,000.44
(4) Construction Phase.....	\$8,428.89

Sub-Total \$25,946.43

SPECIAL SERVICES

(1) Survey	
(a) Volkert, Inc.....	\$2,057.07
(2) Construction Observation	
(a) Volkert, Inc.....	\$22,809.29
(3) Geotechnical Investigation	
(a) Geotechnical Engineering	\$4,209.00
(b) Volkert, Inc.....	\$210.45

Sub-Total \$29,285.81

Total Project \$55,232.24

**Manhour Estimate for Basic Services
Project- Construct Fuel Farm**

	Proj Manager	Sr. Prof.	Staff 2 Eng	Staff 1 Eng	Technician
A. Preliminary Phase					
1. Pre-Design Meeting/ Site Visit	6			6	
2. Scope Development	2			2	
Total	8	0	0	8	0

B. Design Phase					
1. Plan Assembly - General (5 Sheets)	1			4	8
2. Plan Assembly - Civil (2 Sheets)	2			8	16
3. Plan Assembly - Electrical (1 Sheets)		1	4		8
4. Specifications - General	4				
5. Specifications - Technical	16	2			
6. Specifications - Contract	2				
7. QA/QC Documents	2		2	4	
8. Engineer's Report	1		1	4	
9. Review Check	1	1			
10. Review Submittals (50% 90%)				12	10
Total	29	4	7	32	42

C. Bid Phase					
1. Pre-Bid Meeting	4	4		4	
2. Addendums and Questions	1	2		2	
3. Bid Opening	2				
4. Bid Evaluation and Recommendation	1				
5. Contract Preparation / Printing / Execution	1			2	2
Total	9	6	0	8	2

D. Construction Phase - 3 Months					
1. Pre-Construction Meeting	4			4	
2. Periodic Site Visit - (4 Visits)	4	8		16	
3. Shop Drawings	1	2	4	8	
4. Admin./Meetings	2				
5. Report(s) Pay Estimates, F-25 Forms	3				
6. Final Inspection	4	4		4	
7. Record Drawings				2	4
Total	18	14	4	34	4

**Cost Estimate for Basic Services
Project- Construct Fuel Farm**

A. Preliminary Phase	Rate	Manhour	Cost
Project Manager	\$50.48	8	\$403.84
Sr. Professional	\$48.07	0	\$0.00
Staff 2 Eng	\$45.67	0	\$0.00
Staff 1 Eng	\$27.31	8	\$218.48
Technician	\$31.16	0	\$0.00
Total Direct Labor			\$622.32
Combined Overhead		160.37%	\$998.01
Out of Pocket			
Mileage-1 trip @ 90 mi @ \$0.565/mi		\$50.85	
Total Out of Pocket			\$50.85
Sub-Total			\$1,671.18
Operating Margin		15%	\$250.68
FCCM		0.56%	\$3.46
Total Preliminary Phase Estimate			\$1,925.32

B. Design Phase	Rate	Manhour	Cost
Project Manager	\$50.48	29	\$1,463.92
Sr. Professional	\$48.07	4	\$192.28
Staff 2 Eng	\$45.67	7	\$319.69
Staff 1 Eng	\$27.31	32	\$873.92
Technician	\$31.16	42	\$1,308.72
Total Direct Labor			\$4,158.53
Combined Overhead		160.37%	\$6,669.03
Out of Pocket			
Mileage-2 trip @ 90 mi @ \$0.565/mi		\$101.70	
Total Out of Pocket			\$101.70
Sub-Total			\$10,929.26
Operating Margin		15%	\$1,639.39
FCCM		0.56%	\$23.12
Total Design Phase Estimate			\$12,591.78

Cost Estimate for Basic Services
Project -Construct Fuel Farm

C. Bid Phase	Rate	Manhour	Cost
Project Manager	\$50.48	9	\$454.32
Sr. Professional	\$48.07	6	\$288.42
Staff 2 Eng	\$45.67	0	\$0.00
Staff 1 Eng	\$27.31	8	\$218.48
Technician	\$31.16	2	\$62.32
Total Direct Labor			\$961.22
Combined Overhead		160.37%	\$1,541.51
Out of Pocket			
Mileage-2 trip @ 90 mi @ \$0.565/mi		\$101.70	
Total Out of Pocket			\$101.70
Sub-Total			\$2,604.43
Operating Margin		15%	\$390.66
FCCM		0.56%	\$5.34
Total Bid Phase Estimate			\$3,000.44

D. Construction Phase - 5 Months	Rate	Manhour	Cost
Project Manager	\$50.48	18	\$908.64
Sr. Professional	\$48.07	14	\$672.98
Staff 2 Eng	\$45.67	4	\$182.68
Staff 1 Eng	\$27.31	34	\$928.54
Technician	\$31.16	4	\$124.64
Total Direct Labor			\$2,692.84
Combined Overhead		160.37%	\$4,318.51
Out of Pocket			
Mileage-6 trip @ 90 mi @ \$0.565/mi		\$305.10	
Total Out of Pocket			\$305.10
Sub-Total			\$7,316.45
Operating Margin		15%	\$1,097.47
FCCM		0.56%	\$14.97
Total Construction Phase Estimate			\$8,428.89

Cost Estimate for Special Services
Project -Construct Fuel Farm

1. Survey	Manhour	Rate	Cost
3 Man Survey Crew	8	\$63.57	\$508.56
PLS	2	\$41.82	\$83.64
Technician	4	\$31.16	\$124.64
Total Direct Labor			\$716.84
Combined Overhead		160.37%	\$1,149.60
Out of Pocket			
Mileage- 1 trips @ 90 mi @ \$0.565/mi		\$50.85	
Total Out of Pocket			\$50.85
Sub-Total			\$1,866.44
Operating Margin		10%	\$186.64
FCCM		0.56%	\$3.99
Total Survey Estimate			\$2,057.07

2. Construction Observation - 5 Months	Manhour	Rate	Cost
Construction Project Manager	65	\$40.00	\$2,600.00
Resident Project Manager			
2	185	\$25.75	\$4,763.75
Total Direct Labor			\$7,363.75
Combined Overhead		160.37%	\$11,809.25
Out of Pocket			
Mileage - 30 trips @ 90 mi @ 0.565/mi		\$1,525.50	
Total Out of Pocket			\$1,525.50
Sub-Total			\$20,698.50
Operating Margin		10%	\$2,069.85
FCCM		0.56%	\$40.94
Total Construction Observation			\$22,809.29

3. Geotechnical Investigation and Material Testing			
Geotechnical Engineering-Testing, Inc.			\$4,209.00
Volkert, Inc.		5%	\$210.45
Total Geotechnical Investigation			\$4,419.45

**TABULATION OF ESTIMATED UNITS OF SERVICE AND FEES TO
EXPLORE SOILS AND PROVIDE A GEOTECHNICAL ENGINEERING REPORT,
CMT SERVICES AND STRUCTURAL ENGINEERING SERVICES FOR THE
PROPOSED FUEL TANK FARM AT THE FOLEY MUNICIPAL AIRPORT IN FOLEY, AL
APRIL 9, 2013**

<u>ITEM OF SERVICE</u>		<u>EST. UNITS</u>	<u>UNIT FEE</u>	<u>EST. TOTAL FEE</u>
A. <u>FIELD EXPLORATIONS:</u>				
1. Mobilization of Coring Equipment, and Travel to Project	1	Each	\$ 350.00 /Ea	\$ 350.00
2. Soil Test Borings w/Standard 5 Ft Sampling Intervals (2 @ 15')	30	LF	\$ 13.00 /LF	\$ 390.00
3. Extra Standard Penetration Test	4	Each	\$ 30.00 /Ea	\$ 120.00
Estimated Subtotal				\$ 860.00
B. <u>LABORATORY SOIL MECHANICS TESTS:</u>				
1. Moisture Content Test	10	Each	\$ 10.00 /Ea	\$ 100.00
2. Grain Size Analysis Test (-#200)	4	Each	\$ 35.00 /Ea	\$ 140.00
3. Atterberg Limits Test	2	Each	\$ 65.00 /Ea	\$ 130.00
Estimated Subtotal				\$ 370.00
C. <u>ENGINEERING SUPERVISION, STUDY AND REPORT:</u>				
1. Technician Level IV	1	Hours	\$ 65.00 /Hr	\$ 65.00
2. Project Geotechnical Engineer, P.E.	8	Hours	\$ 100.00 /Hr	\$ 800.00
3. Principal Geotechnical Engineer, P.E.	0.5	Hours	\$ 160.00 /Hr	\$ 80.00
4. Clerical	0.5	Hours	\$ 40.00 /Hr	\$ 20.00
Estimated Subtotal				\$ 965.00
D. <u>CONSTRUCTION MATERIALS TESTING SERVICES</u>				
1. Technician Level II	8	Hours	\$ 47.00 /Hr	\$ 376.00
2. 4 Trips @ 90 Miles per Trip	360	Miles	\$ 0.55 /Mi	\$ 198.00
3. Standard Proctor Density Tests	1	Ea	\$ 100.00 /Ea	\$ 100.00
4. 1 Set of Concrete Cylinders	1	Ea	\$ 50.00 /Ea	\$ 50.00
5. Clerical	2	Hour	\$ 40.00 /Ea	\$ 80.00
Estimated Subtotal				\$ 804.00
E. <u>STRUCTURAL ENGINEERING SERVICES</u>				
1. Professional Engineer			Cost + 10%	\$ 1,210.00
Estimated Subtotal				\$ 1,210.00
ESTIMATED TOTAL:				\$ 4,209.00