

**TASK AGREEMENT NO. 17
THE CITY OF FOLEY, ALABAMA
PECAN STREET REPAIRS**

This Task is to be performed in accordance with the provisions of the agreement between **The City of Foley, Alabama** (OWNER) and **Volkert, Inc.** (ENGINEER) dated September 9, 2011.

SCOPE OF WORK

Generally the scope of services includes engineering, survey, environmental documentation and permitting, and construction observation for the repairs to Pecan Street south of U.S. Highway 98 in Foley, Alabama. More specifically the work includes:

FEMA MITIGATION ANALYSIS

Perform a mitigation analysis as directed by FEMA. Mitigation analysis will include the following:

- Utilize existing mapping and GIS information to analyze existing drainage way and cross drain under Pecan Street
- Develop minimum required cross drain and roadway repairs and cost estimates.
- Developed proposed mitigating improvements that will meet 50 year flood requirements for the cross drain under Pecan Street including estimated costs.

FEMA Mitigation Analysis Lump Sum Fee: \$2,000.00

FIELD SURVEYS

Develop field survey of Pecan Street (approximately 80' wide R.O.W.) from U.S. Highway 98 to Ashland Drive. Field survey will include the following:

- Cross Sections, Topographic, Utility, and As-Built survey from right-of-way to right-of-way along the existing 80' wide Pecan Street R.O.W. from U.S. Highway 98 to Ashland Drive.
- Cross Sections 300' upstream and downstream from Pecan Street of the Wolf Creek tributary.

Field Surveys Lump Sum Fee: \$10,185.00

ENGINEERING – ROADWAY PLANS

ROADWAY AND ROADWAY DRAINAGE DESIGN

The engineer hereby agrees to provide professional engineering design services for the project as follows:

- Perform a site visit with the survey noting restrictions, site distance, and general characteristics of the site
- Perform bridge hydraulic study

- Develop preliminary set of construction plans with preliminary cost estimates of the roadway improvements
- Coordinate with the City to review the preliminary design plans
- Identify any issues needed to address for final design and coordination
- Further develop preliminary plans into final construction plans including Title Sheet, quantity sheet, typical section, general notes, intersection details at 1"=20', entrance drive plan and profile, pavement marking plan, cross sections, signalization plans (by others), traffic control details, and any other as needed.
- Meet with the City for review
- Develop quantities and cost estimates
- Submit plans to City for review and letting by City
- Develop contract documents and specifications
- Attend all pre-bid and pre-construction conferences

Engineering – Roadway Plans Lump Sum Fee: \$34,315.00

ENVIRONMENTAL

DEPARTMENT OF THE ARMY (DOA), U.S. ARMY CORPS OF ENGINEERS (COE) SECTION 404 PERMIT APPLICATION

This permit is required for wetland fill. The COE will be the lead federal agency.

- Prepare and submit the Section 404 permit application and develop the necessary attachments for the proposed project.
- Conduct and attend two on-site reviews with the regulatory agencies.
- Perform a Wetland Determination of the project limits.

Note: There is no guarantee assumed or implied that the regulatory agencies involved will approve the requested fill. Wetland permit fees and mitigation costs are not included in the fee estimate and will be the responsibility of the Owner when these items are determined through future coordination with the regulatory agency.

Additional Services

Should additional services and/or studies not specifically described above be required, additional services will be performed based on the attached fee schedule.

Environmental Lump Sum Fee: \$3,000.00

Construction Observation and Inspection:

The engineer hereby agrees to provide professional services during construction of the project as follows:

1. Review contractor submittals.
2. Attend/conduct a pre-construction meeting.
3. Review laboratory, mill and shop test to assist in monitoring the quality of construction.
4. Consult, answer questions, and assist in resolving construction issues during construction.
5. Provide services of Resident Project Representative (RPR) for onsite inspection and engineering during construction.
6. Review monthly and final estimates for payment to contractors.
7. Make final inspection of the construction upon completion.

Construction Observation Hourly Fee Estimate: \$33,000.00

Geotechnical Services by GeoCon Engineering & Materials Testing, Inc.:

The geotechnical services for design phase and testing will be provided by GeoCon Engineering & Materials Testing, Inc. as a sub-consultant to Volkert. Generally the work includes design phase services that may include coring the roadway and non-roadway areas to determine asphalt thickness and base conditions and will be used to develop bridge, pavement, and base design for the project. Services to be billed in accordance with the unit rates provided in Attachment "A".

Geotechnical Estimated Hourly Budget: \$3,308.00

Summary of Fees

Please see attached man power and fee proposal for a detailed breakdown of the proposed man days and fee rates. Below is a summary of the fees for the scope of work defined above.

Lump Sum

FEMA Mitigation Analysis	\$2,000.00	Lump Sum
Field Surveys	\$10,185.00	Lump Sum
Engineering Roadway & Roadway Drainage Design	\$34,315.00	Lump Sum
Environmental	\$3,000.00	Lump Sum
Total Lump Sum Fees	<u>\$49,500.00</u>	

Hourly and Rate fees

Construction Observation & Inspection	\$33,000.00	Hourly Rate
Design and Construction Phase Geotechnical	\$3,308.00	Unit Rate
Total hourly and rate fees	<u>\$36,308.00</u>	

Grand Total Fees:

\$85,808.00

SCHEDULE- Work will be scheduled upon receipt of authorization and will continue until complete.

FEE- Fees will be billed monthly as work progresses on either a percent complete or on an hourly/rate basis as noted above.

It is expressly agreed upon and stipulated between the parties that this contract shall be deemed to have been made in the State of Alabama where the principal office of Volkert, Inc. is located. This contract shall be governed by the laws of the State of Alabama. The Circuit or District Court of Mobile, Alabama shall have jurisdiction over any dispute which arises under this contract, and each of the parties shall submit and hereby consents to the jurisdiction of either such court.

Submitted by: _____

Volkert, Inc.

Brett Gaar

Date

6/27/14

Approved by: _____

The City of Foley

Date



City of Foley, AL

407 E. Laurel Avenue
Foley, AL 36535

Signature Copy

Resolution: 14-0190-RES

File Number: 14-0345

Enactment Number: 14-0190-RES

Culvert Repairs on Pecan Street

WHEREAS, due to the record rain event of April 29, 2014, FEMA Event #4176-DR-AL, there is a need for repairs to the culvert located on Pecan Street, and

WHEREAS, the Engineering Department solicited a proposal from Volkert, Inc. to provide engineering services related to these repairs.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

SECTION 1: Approves Volkert, Inc.'s proposal in the amount of \$412,500.00 to provide engineering services related to the culvert repairs located on Pecan Street, amending Account No. 01-660-8300 accordingly.

SECTION 2: This Resolution shall become effective immediately upon its adoption as required by law.

PASSED, APPROVED AND ADOPTED this 16th day of May, 2014.

Aye: 3 Council Member Quaites, Council Member Hellmich and Council Member Blackwell

Abstain: 1 President Trawick

President's Signature

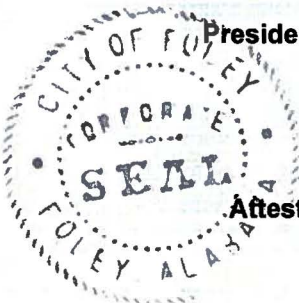
Date

5-19-14

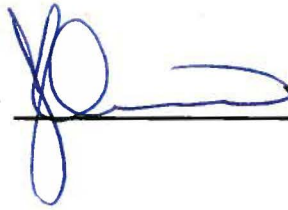
Attest by City Clerk

Date

5-19-2014



Mayor's Signature

A handwritten signature in blue ink, consisting of a large loop followed by a horizontal stroke and a vertical stroke.

Date

5/22/14