

**ADDITIONAL SERVICES
SPECIFIC AUTHORIZATION No. 9
REFERENCE RFQ No. 2013-005
(5/25/16)**

Pursuant to the provisions contained in the "Agreement for Professional Engineering Services" between The City of Ft. Pierce (hereinafter referred to as "CITY") and Culpepper & Terpening, Inc. (hereinafter referred to as "ENGINEER") and this Specific Authorization dated the __ day of ____ 2016, authorizes the ENGINEER to provide service as under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The CITY desires engineering services related to the design of improvements to the existing Melody Lane Parking Lot located on the south side of the St. Andrews Church/School facility, hereinafter referred to as the "Project".

Section 1 – Scope of Work

ENGINEER will provide the following services in accordance with this AUTHORIZATION:

Engineering Design and Permitting Services as described in the attached Exhibit A.

Section 2 – Deliverables

ENGINEER will provide the following Deliverables to CITY:

Please refer to the attached Exhibit A.

Section 3 – Schedule of Services

Please refer to the attached Exhibit A.

Section 4 – Method and Amount of Compensation

- 4.1 CITY will compensate ENGINEER for services under this AUTHORIZATION in accordance with the payment methods as set forth in Section 6 of the AGREEMENT.
- 4.2 Please refer to Exhibit B for detailed information

Section 5 – CITY's Responsibilities

CITY hereby designates City Engineer or designee as CITY's representative pursuant to Section 5 of the AGREEMENT.

Section 6 – Other Provisions

All applicable portions of the AGREEMENT not specifically modified herein shall remain in full force and effect and are incorporated by reference herein.

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IN WITNESS WHEREOF, this AGREEMENT, consisting of 2 pages had been fully executed on behalf of ENGINEER by its duly authorized officer, and the CITY has the same to be duly executed in its name and in its behalf, effective as of the date herein above written.

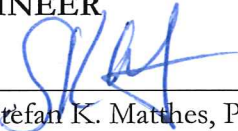
THE CITY OF FORT PIERCE

By: _____
Linda Hudson

Title: Mayor

Date: _____

ENGINEER

By:  _____
Stefan K. Matthes, P.E.

Title: Senior Vice President

Date: 5/25/16

APPROVED AS TO FORM & CORRECTNESS:

_____ Date: _____
James M. Messer, Esquire
City Attorney

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**EXHIBIT "A"
SCOPE OF SERVICES**

Project Description:

The City of Ft. Pierce desires design and permitting services for the resurfacing and reconfiguration of the existing Melody Lane Parking Lot located along the south side of the St. Andrews Church/School facility located in downtown Ft. Pierce. The project shall include survey, resurfacing & limited drainage design, limited landscaping, and pavement markings for resurfacing and reconfiguration of the existing parking lot. The limits of the design and construction plan preparation shall be the back of existing sidewalk both east and west, and existing parking lot, both north and south. The work shall include the implementation of a raised curb within the Melody Lane south bound travel lane to prohibit vehicles from traveling further south on the roadway.

Consultant shall assist the City with the development of Construction plans to facilitate the project. The Construction Plans shall be based upon the conceptual sketch provided by the City and prepared in accordance with the City of Ft. Pierce and St. Lucie County requirements. The work effort shall include the following design elements:

- Limited Design Survey
- Reconfiguration of the Parking Facility
- Limited drainage improvements
- Landscape Plans
- Construction Plan Preparation

Specific tasks to be performed by Consultant are as follows:

Phase 3: FINAL DESIGN SERVICES

Task 3.1 Design Survey

Consultant shall provide survey data collection of the existing parking lot. The survey shall include topographic data collection, both horizontal and vertical for the project. The data collection shall be performed from a minimum of 15' outside of the limits of the parking facility. The vertical datum shall be consistent with City of Ft. Pierce 1929 NGVD control network datum.

Task 3.2 Preliminary Plan Submittal

Consultant shall provide the City with the preliminary plan submittal documents. The Plans shall be prepared on 24" x 36" size format and comply with the City criteria and Florida Green Book Criteria. The Preliminary Plan submittal shall include the following components:

- Key Sheet (Preliminary)
- General Notes (Preliminary)
- Typical Pavement Sections (Preliminary)
- Plan Sheets @ 40 Scale (Preliminary)
- Landscape Plans (Preliminary)

Consultant shall also provide the following items commensurate with the development of the Preliminary Plan information:

- Unit Price Estimate commensurate with the development of the preliminary plan information.

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Task 3.3

Final Plans Submittal

Consultant shall provide the City with the 100% plan submittal documents in accordance with the FDOT PPM and Florida Green Book. The Plans shall be prepared on 11" x 17" size format and comply with the City criteria, PPM, and FDOT Design Standards. The 100% Plan submittal requirements shall be in accordance with the PPM, Volume II, Chapter 2.3.2, and include the following components:

- Key Sheet (Final)
- General Notes (Final)
- Typical Pavement Sections & Details (Final)
- Plan Sheets @ 40 Scale (Final)
- Landscape Plans (Final)
- Signing & Pavement Markings Plans (Final)

The City submittal shall include the following additional items as part of the submittal

- Update to the Unit Price Estimate commensurate with the development of the 100% plan information.
- City Review Response
Consultant shall prepare a written response to the City's review of the preliminary plan submittal.
- Specifications and Technical Special Provisions
Consultant shall prepare the standard technical specifications and special provisions required for inclusion in the Bid Documents. The technical specification and special provision shall be prepared in the standard County Bid format included in the Technical Specification section of the Bid Documents.

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EXHIBIT "B"
FEE SCHEDULE

Work effort and project expenses associated with Phases 3 will be invoiced on a not-to-exceed basis as follows:

<u>Phase/Task</u>	<u>Description</u>	<u>Task Fee</u>	
Phase 3	Final Design Services		
Task 3.1	Design Survey	\$ 1,900.00	L.S.
Task 3.2	Preliminary Plan Submittal	\$ 6,410.00	L.S.
Task 3.3	Final Plan Submittal	\$ 4,230.00	L.S.
	Reimbursable Expenses	\$ 500.00	L.S.
	Total Fees	\$13,040.00	

Additional services associated with providing expert witness testimony regarding the findings of this contract will be provided on an hourly basis in accordance with the rates provided in Exhibit "D"

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**EXHIBIT "C"
SCHEDULE**

Phases 3 shall commence upon notice to proceed from the City of Ft. Pierce and shall be completed by June 30, 2016. Time includes 7 days for City Engineering review of each milestone submittal. The project shall be completed in accordance with the following task schedule:

<u>Task</u>	<u>Submittal Date</u>
Task 3.1: Survey	6/17/16
Task 3.2: Preliminary Plans	6/24/16
Task 3.3: Final Plans	7/15/16

The project deliverables associated with each of Phases 3 provided in Exhibit "A" will be delivered to the City in accordance with the schedule provided above. Three (3) hard copies and PDF and AutoCadd electronic files of each of the deliverables will be as follows:

- 24" x 36" Preliminary Plans
- 24" x 36" Final Plans
- Bid Sheet & Technical Specifications

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EXHIBIT "D"
HOURLY RATE SCHEDULE

Professional Services	Rate
Principal Engineer, P.E.	\$195.00
Principal Planner	\$195.00
Senior Project Manager, PE	\$175.00
Senior Project Engineer, P.E.	\$135.00
Senior Project Surveyor, P.S.M..	\$160.00
Senior Land Surveyor, P.S.M.	\$125.00
Senior Project Manager	\$125.00
Project Engineer, P.E.	\$125.00
Project Manager	\$90.00
Project Engineer, E.I.T.	\$90.00
Senior Construction Manager	\$125.00
Construction Manager	\$90.00
Construction Inspector	\$75.00
GIS Project Manager	\$90.00
Sr. Engineering Technician	\$75.00
Engineering Technician	\$60.00
Sr. Surveying Technician	\$75.00
Surveying Technician	\$60.00
Administrative Services	\$40.00
3-D Laser Scan Crew	\$175.00
GPS Survey Crew	\$145.00
Survey Crew	\$125.00

Rates are valid until December 31, 2016