

RESOLUTION 19-28

A RESOLUTION TO AMEND AGREEMENT WITH DEMPSEY DILLING AND ASSOCIATES P.C. FOR CONSTRUCTION ENGINEERING AND INSPECTION SERVICES FOR CROSSINGS CIRCLE BRIDGE AT MCCORMICK CREEK

WHEREAS, the City of Spring Hill Board of Mayor and Aldermen desires to construct the Crossings Circle Bridge and McCormick Creek project; and

WHEREAS, the Board of Mayor and Aldermen approved the award of a contract for the construction of the Crossings Circle Bridge and McCormick Creek project as provided in Resolution 19-27; and

WHEREAS, the Board of Mayor and Aldermen approved an agreement with Dempsey Dilling and Associates P.C. to provide professional services for design and bid of the Crossings Circle Bridge and McCormick Creek project at a cost of \$210,000 as provided in Resolution 17-104; and

WHEREAS, the Board of Mayor and Aldermen approved an amendment to the contract on August 20, 2018 to provide design services for the installation of a water main extension and related attachment to the bridge structure at a cost of \$14,500 as provided in Resolution 18-137; and

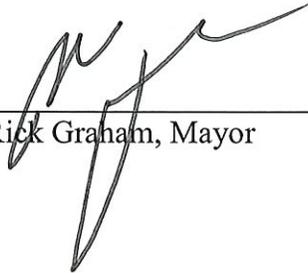
WHEREAS, the customary practice of the City of Spring Hill for major public infrastructure projects is to retain the services of a professional engineer to perform construction engineering and inspection services to ensure quality control and proper completion of the project; and

WHEREAS, Dempsey Dilling and Associates P.C. has provided the City with a proposal to perform construction engineering and inspection services for the Crossings Circle Bridge and McCormick Creek project as outlined more specifically in Exhibit "C" attached hereto to be billed hourly not to exceed \$131,300.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Mayor and Aldermen of the City of Spring Hill:

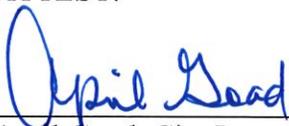
1. Approve the attached Exhibit "C" agreement to engage Dempsey Dilling and Associates P.C. to perform construction engineering and inspection services for the Crossings Circle Bridge and McCormick Creek Project to be billed hourly not to exceed \$131,300.
2. Authorize the Mayor to execute Exhibit "C" agreement with Dempsey Dilling and Associates P.C.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill,
Tennessee on this 19th day of February, 2019.



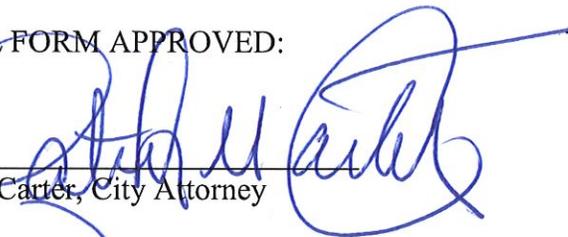
Rick Graham, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney

EXHIBIT C

CROSSING CIRCLE NORTH AT McCORMICK CREEK BRIDGE

Exhibit C shall be an amendment to the existing agreement for Design Services dated October 17th, 2017 as approved by the Board of Mayor and Alderman (BOMA) as Resolution 17-104 on October 16th, 2017. The proposed amendment shall be for Construction Engineering Inspection Services (CEI Services) for the construction of the bridge over McCormick Creek and corresponding roadway work. The amendment shall include inspection services for the 12" waterline across the bridge (included as Additive Alternates in the construction bid documents) if approved by BOMA to be awarded to the contractor as part of the bridge project.

Project Description:

The project's CEI Services shall consist of the bridge construction and roadway connection, to the existing Crossing's Circle North roadway located on the south side of McCormick Creek. The construction project is estimated to take nine-months and CEI Services are proposed for the nine-month period of time. Should the project exceed this time frame of nine months then Dempsey, Dilling & Associates, P.C. (DDA) will request an amendment to the contract for the extended services prior to performing any additional services, and only if necessary.

The project's CEI Services being proposed by Dempsey, Dilling & Associates will include acting as the City's designated representative, in conjunction with Chip Moore, during construction activities. The proposed CEI Services tasks are listed as follows:

- Conduct a pre-construction meeting with a developed agenda
- Onsite representation shall be based on contractor's weekly schedule of work. It is not intended to be on-site full time during the course of the project. The onsite representative will coordinate with the contractor as needed to schedule weekly on-site time. However, there will be certain scopes of work requiring full-time inspection service (i.e. installation of waterline if selected to be installed, and key components of bridge construction).
- Structural inspections of bridge components.
- Office administration services (correspondence with Spring Hill, Contractor and other agencies)
- Construction shop drawing reviews
- Monthly pay request reviews
- Change order request reviews (if applicable)
- Monthly progress meetings
- Final inspection with development of deficiencies list
- Follow-up inspection to verify deficiencies
- Development of as-built drawings to include required field changes.
- Project closeout documents review

DDA proposes to perform these services in accordance with our contract with the City of Spring Hill for at our hourly rates not to exceed \$131,300.00.

Outside Consulting Services not included within DDA's Scope of Services are listed as follows:

- Easement development and negotiations
- Easement and right-of-way staking and surveying
- Construction surveying and layout
- Materials testing such as concrete, soils compaction, rock geotechnical testing, asphalt, reinforcement steel, etc.
- Any outside services by other required specialty consultants

Should any of these services be required, DDA shall contact Chip Moore and discuss cost associated with the services to seek approval.

PROJECT TASKS SUMMARY

1. Construction Inspector = 270 days = (38.5 weeks) x 20 hours per week x 50.00/hr. = \$38,500.00

2. Engineer attendance of meeting (precon, progress meetings, punch list walkthrough, final walkthrough, etc.) = 40 hours @ \$100.00/hr. = \$4,000.00

3. Weekly work tasks (shop drawing reviews, pay request reviews, project administration, etc) Engineer – Estimated 10 hours/week over 38.5 weeks = 385 hours @ \$100.00/hr. = \$38,500.00

4. Principal Engineer - 4 hours/week over 38.5 weeks = 154 hours @ \$125.00/hr. = \$19,250.00

5. Reimbursable expenses (mileage and printing) = \$13,800.00

6. Structural Engineer Inspections: \$17,250.00

Total Estimated CEI cost = **\$131,300.00**

The CEI services does not include any, easement work, surveying, geotechnical or material testing. All testing is the responsibility of the contractor. Shop drawing reviews includes all asphalt mix formulas, concrete mix formulas, and all other materials to be used onsite.