



SULLIVAN ENGINEERING, INC.
 317 Main Street, Suite 201
 Franklin, TN 37064

February 6, 2020

Mr. Paul Holzen, P.E.
 Director of Engineering
 109 3rd Avenue South
 P.O. Box 305
 Franklin, TN 37064

RE: East McEwen Drive Phase 4 Improvements
 From: 800' +/- east of Cool Springs Blvd.
 To: Wilson Pike (SR-252)
 Total Project Length: 1.5 +/- L.M. (Does not include 0.8 L.M. of Side Roads)
 City of Franklin, Tennessee
 Williamson County
 COF Contract No. 2015-0052
 SEI # 15-003

Dear Paul,

Additional Services For TDOT

As you are aware the original plans and contract was for McEwen Drive Phase IV as not prepared for TDOT or Federal participation. Below are the items, as agreed that have been completed or still needing to be completed to prepare this project for next submission to TDOT.

ADDITIONAL OF ENGINEERING SERVICES

Task	Professional Engineer II	Staff Assoc/Proj Coordinator	Roadway Designer II	CADD Technician
<u>Rate/Hour</u>	<u>\$179.97</u>	<u>\$133.42</u>	<u>\$114.11</u>	<u>\$101.84</u>
Revisions for TDOT	27	37	65	73
Revision to Cross-section for Utilities	48	4	0	12
Redesign for Bike Path	14	8	0	8
Redesign for 2:1 Slopes	80	12	0	12
Extra Work to Produce Drainage Report	58	0	4	8
Revise Property Acquisition Description & Exhibits (Related to Utility Changes)	0	8	30	10

ADDITIONAL OF ENGINEERING SERVICES

Task	Professional Engineer II	Staff Assoc/Proj Coordinator	Roadway Designer II	CADD Technician
Revise Electrical Plans, Notes, Details and Quantities	10	0	0	8
Revisions for Sidewalk and Parapet	20	8	0	14
<u>Total Hours</u>	257	77	99	145
<u>Total Fee/Class</u>	\$46,252.29	\$10,273.34	\$11,296.89	\$14,766.80
<u>Total Fee</u>	\$82,589.32			

<u>EXCLUSIONS to TDOT Comments</u>			
1	Generate City response letter to TDOT	10	Additional Geotechnical Field or Office services not requested prior to January 1, 2020
2	Re-profile and design of the bike path section that departs from the road and ties into the existing. A Multimodal Design deviation form was submitted to TDOT on 12/2/19 by City Staff.	11	Additional structural design services not requested prior to January 1, 2020
3	Preparation and submittal of a TDOT Transportation Management Plan.	12	Additional utility coordination, inclusive of CSX Transportation and Roadway Lighting
4	Additional updates to traffic data and diagrams	13	Signalization design or coordination services
5	Additional updates to TDOT General/Special/Traffic/Erosion notes, standard drawings and item numbers.	14	Additional hydraulic studies and reports not requested prior to January 1, 2020
6	All design modifications related to the TDOT's new RD11 series drawings.	15	Environmental studies inclusive or permits preparation, fees and submittals
7	Any work associated with acceptance of proprietary items desired for use by the City of Franklin.	16	Construction cost analysis preparation and analysis

8	Modification of design documents to reflect the current TDOT standard of 1.5% cross slope on sidewalks or graded areas directly behind the curb. City Response: Labeling will be noted as 0.020%, max (1.5% min) will be added to the Typical Sections. Reference elevations and cross-sections will not be changed.	17	Property acquisition revisions
9	Additional TDOT or City review comments not received prior to January 1, 2020	18	Questions, clarifications and modifications of design documents not received prior to January 1, 2020

COMPENSATION

SEI's fee is developed on an hourly basis of time required by various personal to research and implement modifications requested by City Staff and TDOT. This project as with all projects requires SEI's staff to coordinate with subcontractors and City Staff, and as such, that time allocation is included within hourly estimate of man-hours.

Printing for submittals, meetings and field reviews where the responsibility of the City of Franklin. All documents where computer generated in an AutoCAD format and reproduced in a Portable Document Format (PDF) suitable for printing.

Engineering Design Services (Lump Sum) - \$82,589.32

(Revisions for TDOT will be tracked and billed hourly not to exceed amount stated. Completed documents to be submitted no later than four weeks after SEI receives a signed agreement.)

The signature below is indication of acceptance by the City of Franklin, for additional financial compensation related to **“ADDITIONAL ENGINEERING SERVICES” inclusive of “TDOT review comments”** as provided by Sullivan Engineering, Inc, as a supplement to contract #2015-0052.

Accepted, City of Franklin: _____,

Date: _____

I hope this proposal meets with your approval. Please contact Dickie Sullivan or myself after you have had a chance to review this proposal for clarification of any questions.

Sincerely,
Sullivan Engineering, Inc.

Paul Collins

Paul V. Collins, Jr.
 Vice President