



SULLIVAN ENGINEERING, INC.

*317 MAIN STREET, SUITE 201
FRANKLIN, TN. 37064
(615) 642-5822*

March 21, 2017

Mr. William Banks,
City of Franklin Engineering
109 3rd Avenue South
Franklin, TN 37064

RE: Limited Construction Administration & Design Services
Hillsboro Rd. – Phase 2 Improvements, (SR-106, US 431)
From Independence Square to Mack Hatcher Bypass
City of Franklin project # 2015-0150, Amendment #1
City of Franklin, Tennessee
Williamson County
T.D.O.T.-PIN 108409.00
SEI Project #12-013

Dear William,

Sullivan Engineering, Inc. (SEI) is pleased to submit Amendment #1, for additional Construction Engineering Administration and Supplemental Design Services associated with Phase 2 construction of Hillsboro Road. The proposed services are to incorporate plans revisions requested by the TN Department of Transportation, Local Program Office. These services shall also allow SEI to extend services past the contract award and be available in the early construction phase to provide input on plan interpretation and Supplemental Instructions.

Project History

The original Contract Agreement dated July 15, 2015, provided for additional design services and an allowance for limited Construction Administration Services. As with any project, especially the complexity of Hillsboro Road these services are difficult to estimate. The scope of services to date have been used for a variety of items such as supplemental survey, project meetings and redesign of the roadway north of Claude Yates Drive.

Various utility issues have required development of drainage structure options not typically utilized on a TDOT project. Specialty items researched, of this nature are not typically anticipated, as all items typically originate from the TDOT procurement list. In developing these options additional research time, product evaluation, meetings, details and related design efforts were not been anticipated. However, this effort has provided options to obtain desperately needed clearance for installation of underground utility installation.

Although, extensive efforts to coordinate and design the proposed underground utilities with existing it is not uncommon to encounter unforeseen conflicts during construction. As conflicts arose, the construction

team resolves them but at the same time, a design change in one area sometimes requires another area to be evaluated and modified.

With the undetermined time line for the TDOT Construction of Hillsboro Road, north of Rebel Circle on west and north of Claude Yates Drive east, which is to be constructed as part of the extension of Mack Hatcher Parkway, modifications to the current design, were implemented. These design changes will serve to reduce cost and conflict when Mack Hatcher Parkway is extended at some future point. Additionally this will allow the City to implement more of the Gateway features onto this phase of work.

Scope of Engineering Services/Fee

Following is a description of supplemental services to assist the City during the final stages of construction.

SUMMARY OF ENGINEERING DESIGN SERVICES

HILLSBORO ROAD (TDOT-PIN 106997.00) From: Independence Square To: Mack Hatcher Bypass			
(1)	<u>(Supplemental Engineering Services)</u>		
Notes	Task	Sullivan Engineering, Inc	<u>Budget</u>
	1	Design modification adjustments resulting from construction activities.	\$6,454.40
	2	Attend construction project meetings for the duration of the construction contract and prepare any supplemental instructions requested. Meeting attendance will be per the City's request.	\$8,133.12
	3	Printing of documents for meetings and supplemental instructions.	\$250.00
		Total Estimated Project Budget	\$14,837.52

NOTES:

Services to be provided based on direction by City Staff and invoiced on an hourly basis.

EXCLUSIONS:

Aerial survey
Topographic Survey
Update original 2002 field topographic survey.
Utility Relocation Design
Environmental and Erosion Control mitigation design plans
Historical or Archeological mitigation plan
Construction Testing and observation
Roadway lighting
Electrical design
Storm Water mitigation, retention or detention requirements
Geotechnical and Testing Services
Structural (bridge, retaining walls and foundations)

Environmental Updates

ADDITIONAL SERVICES

Any work, other than the scope of services outlined herein, shall be designated additional services. At such time that it is determined that these additional services are required; our design team reserves the right to amend this proposal or execute a separate agreement that will provide such services. Services desired by the client, but not specifically outlined herein, can be provided on an hourly basis in accordance with the design teams standard hourly rates.

I hope this proposal meets with your approval. Please contact me at your convenience after you have had a chance to review this proposal so we can discuss and answer in questions.

Sincerely,

Sullivan Engineering, Inc.

Paul V. Collins, Jr.

Paul V. Collins, Jr.
Vice President

cc: Mr. Richard Sullivan, PE, Sullivan Engineering, Inc.



SULLIVAN ENGINEERING, INC.
1722B GENERAL GEORGE PATTON DR.
SUITE 400, BRENTWOOD, TN 37027
(615) 642-5822

March 21, 2017

Additional services:

The following is SEI's hourly rates for any additional services, which may be required.

Reimbursable Expenses Schedule

Reimbursable expenses for services performed on the date of the Agreement are:

FAX	\$0.25/page
8"x11" Copies/Impression	\$0.10/page
Blue Print Copies	\$0.50/sq. ft.
Reproducible Copies (24" x 36" Mylar)	\$15.00/page
Reproducible Copies (24" x 36" Vellum)	\$10.00/page
Reproducible Copies (24" x 36" Bond)	\$5.00/page
Mileage (auto)	\$0.49/mile
Long Distance Phone Calls	at cost
Meals and Lodging	at cost

Standard Hourly Rates Schedule

Reimbursable hourly rates for services performed on the date of the Agreement are:

Billing Class	Staff	Rate	Increment
Billing Class 10	Professional Engineer II	\$171.40	Hour
Billing Class 9	Professional Engineer I	\$144.71	Hour
Billing Class 8	Staff Associate/Project Coordinator	\$127.08	Hour
Billing Class 7	Project Manager	\$107.11	Hour
Billing Class 6	Roadway Designer II	\$102.51	Hour
Billing Class 5	Roadway Designer I	\$93.09	Hour
Billing Class 4	CADD Technician	\$96.99	Hour
Billing Class 3	Stormwater Inspection	\$91.80	Hour
Billing Class 2	Secretary	\$70.90	Hour
Billing Class 1	Office Helper	\$34.74	Hour