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November 28, 2022

Mr. Chad Christian, PE
City Engineer, City of Foley
P.O. Box 1750
Foley, Alabama 36535

RE: Philomene Holmes Blvd Improvements - Proposal

Dear Chad,

Sawgrass Consulting, LLC, (Sawgrass) has been asked to provide a proposal for survey and design services for a for the Philomene Holmes Blvd Improvements for the City of Foley. Our scope provides the professional services for wetland determinations and permitting, field survey, hydraulic study/analysis, structural design, plan development, and Geotechnical Services. The project scope includes improving approximately 3,900 LF of existing all weather roadway, one structure crossing of a drainage way and extensions of existing pipe crossings. Included you will find an Attachment A; Scope of Services and corresponding fees required to accomplish this project. In summary, the following cost for the project is as follows:

Field Survey	\$5,600.00
Roadway Design	\$67,675.00
Structure Design/Hydraulic Study	\$48,000.00
Environmental Permitting	\$11,200.00
Preliminary Investigation and Testing -	\$5,750.00

The above summary of fees is a residual of billing values from the Wolf Bay Extension Resolution (in total). The task provided is a redistribution of the funding left over for Sawgrass internal tracking. CEI proposal will be provided at a later date.

We appreciate the opportunity to partner with the City on this Project and please do not hesitate to call if you have any questions or need to discuss this Proposal in more detail.

Sincerely,

A blue ink signature of Stephen Delahunty, P.E., Vice President of Sawgrass Consulting, LLC.

Stephen Delahunty, P.E.
Vice President

Approval
Date

Enclosures

Cc: Mr. Chad Christian, PE, City of Foley Engineer
Mr. Taylor Davis, PE, City of Foley Assistant Engineer

Scope of Services

Topographic Survey

A topographic survey of the of the corridor will be performed to accomplish the design and plan development of the new roadway. We will also gather topographic information for cross sections, drainage crossings, and all features to the connected ROW locations for intersections, and other utilities for features to help aid in the design. The survey will develop a topographic map of the site at 1-foot contour intervals.

Structure Design/Hydraulic Study

Sawgrass anticipates design of a drainage culvert/bridge structure at the main channel crossing located at the eastern end of the new roadway. The type, size, and elevation of the structure will be determined upon the final hydraulic study of the drainage basin and the topographic profile of the crossing.

Plan Development

Sawgrass will provide a roadway plan set to include typical section(s) for an 28-30 foot Pavement Width (12' Travel Lanes and one (1) Bike Lane), Stationing plan and profile, drainage sections and profiles, structural plans, striping plan, summary of quantities and erosion control plan for the project. We will also provide an intersection improvement plans at the commencement of the roadway and Wolf Bay Drive Extension. This will likely include drainage collection/conveyance and utility relocation and design for the new road transition. The plans will also incorporate the recommendations from the Geotechnical Consultant to assure the final build-up meets the Design and Construction Standards for the City of Foley, Alabama.

Bid Document Preparation and Bidding Assistance

Sawgrass will provide bid/contract documents for the procurement phase of the project. These documents will include additive alternates if the City of Foley chooses to separate contractual obligations for budgetary reasons. We will coordinate the advertisement for bidders, hold a pre-bid conference, perform the bid letting and issue a certified bid tab for recommendation to award. Multiple sets of plans and bid documents will be prepared and distributed to all interested vendors.

Environmental Permitting

Environmental Permitting – Wetland Sciences (Environmental Consultant) will provide field delineation and determinations of wetland areas throughout the described corridor, prepare permitting documents for Corp of Engineer Nation Wide Permits of roadway impacts and/or individual permits for Structures (if Required), and conduct Historical/Archaeological Investigation and Concurrence (if Required) to allow for the construction of the new roadway. Because the proposed roadway is located within an unnamed tributary that leads to the Protected Watershed of Wolf Bay, it is anticipated that a Construction Best Management Practices Plan (CBMPP) will be required for the application of the Notice of Intent (NOI) General Permit.

Geotechnical Services

Preliminary Soils Report and Construction Testing – GeoCon Engineering (Geotechnical Consultant) will provide field borings at 300 Lf intervals for recommendations for the buildup on the new roadway and aid in the foundation design of any bridge structure. In addition, they will recommend any minimum slope requirements for the approach roadway and recognition of any unsuitable soils that will require mitigation.

Attachment A

Compensation

Sawgrass will perform the scope of services described herein for the following fees:

Topographic Survey	\$5,600.00 Lump Sum
Structure Design/Hydraulic Study	\$48,000.00 Lump Sum
Roadway Design/Route Planning	\$63,175.00 Lump Sum
Bidding Assistance/Specifications	\$4,500.00 Lump Sum
Environmental Services	
Wetland Delineation	\$2,500.00 Lump Sum
Corp of Engineer Permit(s)	\$2,250.00 Hourly-NTE
Historical Concurrence	\$2,250.00 Lump Sum
CBMPP/NOI	\$4,200.00 Lump Sum
Geotechnical Services	
Preliminary Soils Report	\$5,750.00 Lump Sum