

3 September 2019

Mr. Danyl Noel
Engineering Assistant
City of Lauderhill
5581 W. Oakland Park Boulevard
Lauderhill, Florida 33313

**Re: Proposal for Civil Engineering Consulting Services
NW 47th Avenue Construction Phase Services
NW 47th Avenue, Lauderhill, Florida
Langan Project No.: 300202702**

Dear Mr. Noel:

Langan Engineering & Environmental Services, Inc. (Langan) is pleased to submit this proposal to provide Civil engineering consulting services during the construction of the proposed street improvements of NW 47th Avenue between the existing bridge crossing the City of Lauderhill Canal north of Sunrise Boulevard and South of NW 11th Street to NW 26th Street.

PROJECT DESCRIPTION

47th Avenue is a two-lane two-way primarily residential (collector) roadway. The road has sidewalk on the east and west side of the centerline along with grass swales for drainage. The total length of the project work area is approximately 1.5 miles. The improvements generally include milling and resurfacing, some pavement reconstruction, limited drainage improvements, bridge replacement, traffic calming improvements and intersection improvements at major intersections. The drainage improvements include re-grading of swales. In addition to the proposed roadway improvements, the project will include a few miscellaneous utility improvements on NW 47th Avenue and NW 21st Street.

This scope of services for construction is based on the pre-construction meeting held at the City's offices and the schedule provided by Enco.

The following is our proposed scope of services and fees.

SCOPE OF SERVICES

Task 1 – Shop Drawing Review and RFI/Contractor Coordination

Langan will review the shop drawing submittals completed by the contractor. The review will be based on current City of Lauderhill Engineering Standards and the final NW 47th Avenue construction documents. The shop drawing review will generally consist of culvert and drainage shop drawings, MOT, pavement section materials, utility materials, SWPPP materials.

Langan will also provide formal written responses to RFI's generated by the contractor for the project.

Task 2 – Site Observations

Our scope for construction phase services is based on a 270-day schedule for the civil components of the project. During this phase, we will complete three site observations a week to oversee the contractor's progress and installation of the improvements. We will document each site visit with a site observation report and photographs. These reports will be provided to the City every two weeks during the bi-weekly progress meetings.

Task 3 – Bi-Weekly Progress Meetings

Langan will attend a bi-weekly progress meeting with the City and contractor based on the 270-day construction schedule. We will prepare a basic meeting agenda and meeting minutes for each meeting. The meeting minutes will be circulated to all parties involved within 3 days of the meeting date. The meets are to be held at the job site or the City's offices.

SCHEDULE OF FEES

Task 1 – Shop Drawing Review and RFI/Contractor Coordination	\$7,000	LUMP SUM
Task 2 – Site Observations	\$43,350	LUMP SUM
Task 3 – Bi-Weekly Progress Meetings	\$16,050	LUMP SUM
Reimbursable	\$1,500	ALLOWANCE
TOTAL	\$67,900	

Please see attached table depicting man-hours.

Langan is available to start the scope of work immediately after authorization.

Cost of services for tasks specified as lump sum amounts are based on our understanding of the project requirements

The cost of reimbursable expenses such as express mailings, plans and report reproduction, plans for submission and bidding purposes are not included in the individual tasks and would be itemized separately as reimbursable expenses. All permitting fees are to be paid directly by the Client.

The above work will be performed in accordance with the terms, conditions and negotiated fees in our 28 March 2011 Agreement between the City of Lauderhill and Langan Engineering and Environmental Services, Inc. for Miscellaneous Professional Services for the Department of Environmental & Engineering Services.

CONDITIONS AND EXCLUSIONS

This proposal assumes that access to the site is not restricted for our field work or review of the site conditions. Any deviation from the scope of work outlined in this proposal, due to issues that arise during the execution of the work will be brought to your attention. A separate proposal will

be submitted for any deviation from the scope of work identified in the scope of services section of this proposal. Design of utility relocations on-site or off-site, utility extensions, lighting-power pole relocations, drainage pump stations, construction administration and preparation of record drawings is not included in this proposal. It is assumed that any permitting through Broward County will be addressed by the Client. The terms of Langan's contract with the City of Lauderhill shall apply to this work order.

AUTHORIZATION

We thank you for the opportunity to submit this proposal and look forward to working with you on this project. If we are to proceed, please return a signed copy of this proposal for our files. If you have any questions, please give us a call.

Sincerely,
Langan Engineering and Environmental Services, Inc.



Leonardo Rodriguez, P.E.
Senior Associate/Vice-President



Michael Carr P.E., LEED AP
Senior Project Manager

Enclosure(s): Man Hour Table

AUTHORIZATION

Receipt of this Proposal is hereby acknowledged and all of the terms and conditions contained therein are accepted.

Mr. Danyl Noel
Engineering Assistant
City of Lauderhill
5581 W. Oakland Park Boulevard
Lauderhill, Florida 33313

**Re: Langan Engineering and Environmental Services, Inc.
3 September 2019 Proposal for Civil Engineering Consulting Services
NW 47th Avenue Construction Phase Services ("The Project")
NW 47th Avenue, Lauderhill, Florida
Langan Project No.: 300202702**

Company: _____ ("Client")

By/Title: _____
(Authorized representative)

Signature: _____

Date: _____

STAFF CATEGORY

	PRINCIPAL	ENGINEER P.E.	PROJECT MANAGER	ENGINEER E.I.	Construction Inspector	DRAFTING TECHNICIAN	CLERICAL	TOTAL HOURS	TOTAL FEES
ACTIVITY	\$225	\$175	\$155	\$120	\$90	\$77	\$70		
Task 1 – Shop Drawing Review and RFI/Contractor Coordination	2	10		40				52	\$7,000.00
Task 2 – Site Observations	2	60			360			422	\$43,350.00
Task 3 – Bi-Weekly Progress Meetings	2	20	60				40	122	\$16,050.00
TOTALS	6	90	60	40	360	0	40	596	\$66,400