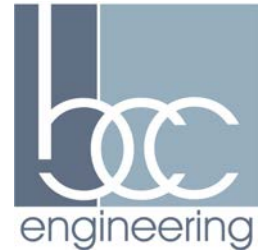


April 13, 2020

Mr. J. Martin Cala, PE
Public Works Director / City Engineer
City of Lauderhill
5581 W. Oakland Park Boulevard,
Lauderhill, Florida 33313



Reference: **Construction Engineering and Inspection (CEI) Services for the construction of NW 38th Avenue Improvements from NW 15th Street to NW 19th Street, Lauderhill, Florida – Revision 2.**

Dear Mr. Cala:

We are pleased to present this revised proposal for Construction Engineering and Inspection (CEI) services for the above referenced project. BCC Engineering, LLC. will act as the Civil Engineering consultant responsible for the CEI services during the construction of the subject project. In order to prepare for this proposal, we have reviewed the proposed contract documents including, but not limited to, design plans prepared by Flynn Engineering dated 3/12/2020 that will be used to produce the final construction documents. Our understanding of the project consists of the reconstruction of NW 38th Avenue from NW 15th Street to NW 19th Street. Based on our understanding of the project we propose the following scope of services:

SCOPE OF SERVICES

Phase V – Administration of Construction Contract

- Roadway Inspector to review Contract Documents.
- Roadway Inspector to document existing pre-construction conditions with photographs and video.
- Roadway Inspector to attend Pre-Construction Meeting, prepare minutes and distribute.
- Roadway Inspector to perform daily inspections during on-going construction operations to ensure substantial conformance with Contract Documents. Inspections are based on a 9-month construction duration. For the first two months, Roadway Inspector services will be limited to 20 hours per week. For the third and fourth month, Roadway Inspector services will be limited to 30 hours per week. For the fifth, sixth, and seventh months, Roadway Inspector services will be limited to 40 hours per week. For the eight and ninth months and until final completion, Roadway Inspector services will be limited to 30 hours per week. Construction work weeks are estimated to be 5-day work weeks with 8-hour workdays.
- Roadway Inspector to attend Bi-Weekly Progress Meetings, prepare minutes and distribute.
- Daily Inspections shall include coordination with and observation of Contractor Quality Control material sampling and testing. Contractor QC material sampling and testing shall be provided by others.
- Daily Inspections shall be documented on Daily Report of Construction forms and shall be submitted digitally to City of Lauderhill.
- Roadway Inspector to perform verification field sampling and testing. Samples will be delivered to verification construction material testing laboratory for testing, as needed.
- Perform Final Inspection in conjunction with City of Lauderhill forces, produce Final "Punch List", and document completion of all outstanding items.
- Roadway Inspector to prepare and deliver to the City of Lauderhill a construction close out package that will include: all Daily Report of Construction reports; pre-construction, progress, and final photographs and videos documenting construction activities; scanned material delivery documentation (i.e. delivery tickets); and verification testing reports.
- Project Manager to attend Pre-Construction Meeting.

- Project Manager oversight of inspection services to ensure substantial conformance with Contract Documents and provide coordination with City of Lauderhill. This oversight and coordination are limited to 2 hours per week until project completion.
- Project Manager oversight of CEI verification sampling and testing services to ensure substantial conformance with Contract Documents and provide coordination with City of Lauderhill. This oversight and coordination is limited to 2 hours per month until project completion.

Assumptions and Exclusions

- Length of Services based on project construction duration of approximately 9 months beginning on April 27, 2020 with completion on January 29, 2021.
- Inspection services limited to a maximum of 8-hour workdays, 5-day work weeks, for a total of 40 hours per week maximum.
- Field Office shall be BCC Engineering's Broward Office located at 4901 NW 17th Way, Suite 506, Fort Lauderdale, Florida 33309.
- Verification construction material laboratory testing services shall be performed by Terracon. See attached Exhibit "B" for summary of construction material laboratory testing unit rates.

Basic Services Fee

We propose to provide the described Basic Services for an Hourly Rate Fee with a Maximum Not To Exceed of **\$148,350.00 Dollars**. (See attached Exhibit "A" for summary of tasks and hours.)

Additional Services

Services beyond those outlined under Scope of Services, including increase in the scope of the Project, revisions to the work, additional site inspections, longer inspection hours, delays in the construction schedule, etc. will be provided for an additional negotiated hourly basis at the rates indicated on the attached Hourly Billing Rate Schedule, Exhibit "A". BCC Engineering, LLC. will provide Additional Services after receipt of written authorization by Client.

Payments

Billing will be monthly based on the actual number of hours expended.

Our proposal and Exhibits "A" and "B" are attached to and made a part of this Agreement. We hope this Proposal meets your expectations and we look forward to working with you on this Project.

Sincerely,

BCC ENGINEERING, LLC.

A handwritten signature in blue ink, appearing to read 'W Garcia', is positioned above the printed name of William Garcia.

William Garcia, P.E.

Director of Construction Services

Exhibit A - Summary of Tasks and Hourly Rates

PROJECT NAME:		CEI Services for the Construction of the NW 38th Avenue Improvements from NW 15th Street to NW 19th Street						
CLIENT:		City of Lauderhill, Florida						
ADDRESS:		5581 W. Oakland Park Boulevard, Lauderill, FL 33313						
DATE:		4/10/2020						
PROJECT LOCATION:		City of Lauderhill, Florida						
TASK	PRINCIPAL	PROJECT MANAGER	ROADWAY INSPECTOR					SUBTOTAL
LOADED HOURLY RATE		\$175.00	\$100.00					
DESIGN								
PHASE I - PRELIMINARY AND SCHEMATIC DESIGN / DATA COLLECTION								
Prep Survey Scope								\$0.00
Review survey for sufficiency								\$0.00
Prep Design Concept								\$0.00
Prep Project Timetable								\$0.00
Meet with County Public Works Department								\$0.00
Meet with City of Miami								\$0.00
Prep Statement of Probable Construction Cost								\$0.00
Utility Request								\$0.00
Phase I Subtotal								\$0.00
PHASE II - DESIGN DEVELOPMENT								
Prep Key Sheet								\$0.00
Prep General notes								\$0.00
Prep Site Aerial								\$0.00
Prep Site plan								\$0.00
Prep Demolition Plan								\$0.00
Prep New Construction Plan								\$0.00
Prep Grading Plan								\$0.00
Prep Erosion and Sedimentation Control Plan								\$0.00
Prep General Details								\$0.00
Prep Structural Calculations								\$0.00
Prep Structural Plan and Notes								\$0.00
Electrical Plans								\$0.00
Update Statement of Probable Construction Cost								\$0.00
Coordinate with MEP								\$0.00
QC Plans								\$0.00
Meet with City of Miami								\$0.00
Phase II Subtotal								\$0.00
PHASE III - FINAL DESIGN / CONSTRUCTION DOCUMENTS								
Make Revisions to Plans								\$0.00
Coordinate w MEP								\$0.00
Meet with City of Miami								\$0.00
Update Statement of Probable Construction Cost								\$0.00
QC Plans								\$0.00
Bid Form								\$0.00
Specifications								\$0.00
PERMITTING								
Miami-Dade PW Dept								\$0.00
DERM								\$0.00
MDWASD								\$0.00
City of Miami								\$0.00
Fire Dept								\$0.00
Health Dept								\$0.00
Phase III Subtotal								\$0.00
TOTAL DESIGN PHASE								\$0.00

POST DESIGN								
PHASE IV - BIDDING AND NEGOTIATION PHASE								
Respond to questions related to design								\$0.00
Addenda to clarify, correct or change bid docs								\$0.00
Qualification Criteria								\$0.00
Phase IV Subtotal	0	0	0	0	0			\$0.00
PHASE V - ADMINISTRATION OF CONSTRUCTION CONTRACT								
Pre-construction Preparation and Meeting	4	40						\$4,700.00
Inspections								\$0.00
Inspection Report								\$0.00
Progress Meetings								\$0.00
Payment Certificate								\$0.00
Shop Drawing Review								\$0.00
Address RFI's								\$0.00
Change Order review								\$0.00
Preliminary Punch List								\$0.00
Final Punch List								\$0.00
Construction Oversight	90	1,232						\$138,950.00
Phase V Subtotal	0	94	1,272	0	0			\$143,650.00
PHASE VI - POST CONSTRUCTION ADMINISTRATION								
Written Manual								\$0.00
Record Drawings								\$0.00
Inspection before warranty expiration								\$0.00
Close-out Documents	4	40						\$4,700.00
Phase VI Subtotal	0	4	40	0	0			\$4,700.00
TOTAL POST DESIGN PHASE	0	98	1,312	0	0	0	0	\$148,350.00
ALLOWANCE								
Reimbursables								
Survey								
Permit Fees								
Allowance Subtotal	0	0	0	0	0			\$0.00
TOTAL	0	98	1,312	0	0	0	0	\$148,350.00