

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2023	2024	2025	2026	2027
Capital Expenditures	\$ 362,517	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	(\$362,517)	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	-0-	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget? Yes No
 Does this item include the use of federal funds? Yes No

Budget Account No:
 Fund 3900 Dept 361 Unit 1979 Object 8101/6943

Recommended Sources of Funds/Summary of Fiscal Impact:
 Capital Outlay Fund
 Seminole Blvd., Oswego Ave. to Okeechobee Blvd.

New Consultant Service Authorization (CSA) # 4

Basic Services	\$ 252,516.75
Total CSA # 4	\$ 252,516.75
Estimated Staff Costs	
Roadway Production	\$ 24,499.96
Const. Coordination	\$ 25,000.00
Total Staff Costs	\$ 49,499.96
Contingency	\$ 60,500.00
Total Consultants Service Authorization (CSA) # 4	\$ 362,516.71
Funding Westgate Belvedere CRA	(\$ 362,516.71)
Fiscal Impact	\$ -0-

Funded by Westgate Belvedere Homes CRA : \$ 362,516.71
 Check # 2583 dated 03/21/2023



C. Departmental Fiscal Review: _____

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

Sum Math 7/25/23
 OFMB 9A 7/24
 MD 7/24/23

Dr. D. J. Jankins 7/26/23
 Contract Dev. and Control
 7/26/23

B. Approved as to Form and Legal Sufficiency:

[Signature] 7/27/23
 Assistant County Attorney

C. Other Department Review:

 Department Director

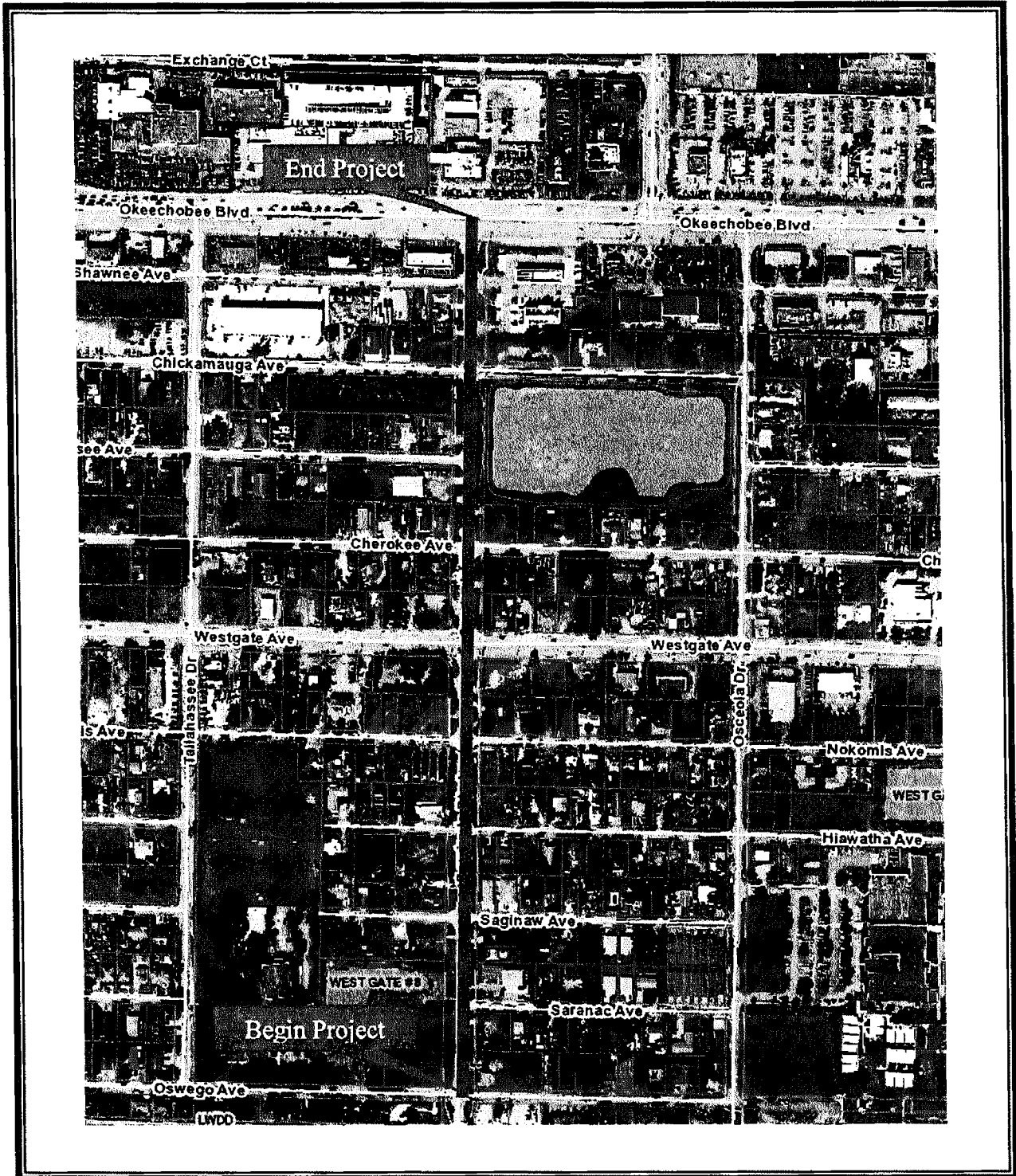
This summary is not to be used as a basis for payment.

PROJECT LOCATION

SEMINOLE BOULEVARD FROM OSWEGO AVENUE TO

OKEECHOBEE BOULEVARD

Palm Beach County Project # 2021023



LOCATION MAP

ATTACHMENT 1

CONSULTANT SERVICE AUTHORIZATION NO. 4
UNDER CONSTRUCTION ENGINEERING INSPECTION (CEI)
ANNUAL SERVICES CONTRACT

Project Name: **Seminole Blvd., from Oswego Ave. to Okeechobee Blvd**

Project No: **2021023**

Commission District No.: **2 & 7**

SBE Participation for this authorization is **32.66%**

SBE Participation to date for this Contract is **30.92%**

SBE Commitment is **30%**

This authorization is under the EBO Ordinance.

PALM BEACH COUNTY

BOARD OF COUNTY COMMISSIONERS

Account No.: 3900-361-1979-8101/6943

Consultant Service Authorization No. 4 (CSA) to the Construction Engineering Inspection Annual Services Contract dated July 13, 2021 (R2021-0883), (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the services described in **EXHIBIT A** and **EXHIBIT B** for this CSA.

1. CONSULTANT: **BCC Engineering, LLC**

2. Address: **6401 SW 87th Avenue, Suite 200 Miami, FL 33173**

3. CONSULTANT shall begin work promptly on the requested Additional Services, per the schedule attached as part of **EXHIBIT A**.

4. Scope of Services to be provided by CONSULTANT: Provide professional engineering services to Palm Beach County for the Seminole Blvd., from Oswego Ave. to Okeechobee Blvd project. Design and review multi-use trail and pedestrian lighting in accordance with the attached **EXHIBIT A** dated April 18, 2023.

5. The compensation to be paid CONSULTANT for providing the requested services as detailed in **EXHIBIT B** shall be:

<input checked="" type="checkbox"/> Basic Services in a lump sum fee of	<u>\$252,516.75</u>
Totaling	\$252,516.75

OEBO Schedules 1 & 2 **EXHIBIT C**

Project History **EXHIBIT D**

6. All terms of the CONTRACT, shall apply to this CSA

ATTACHMENT 2

CONSULTANT SERVICE AUTHORIZATION NO. 4
UNDER CONSTRUCTION ENGINEERING INSPECTION (CEI)
ANNUAL SERVICES CONTRACT

IN WITNESS WHEREOF, this CSA is accepted as of the date signed by the COUNTY below, subject to the terms and conditions of the aforementioned CONTRACT.

CONSULTANT: **BCC Engineering, LLC**
Federal ID: 65-05400100

Approved as to Terms and Conditions

Signed: _____

By: *[Signature]*

Typed Name: Eugenio Ochoa

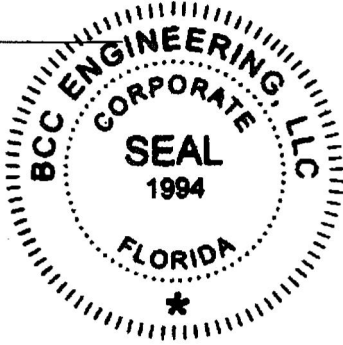
Typed Name: Morton L. Rose, P.E.

Title: Vice President

Title: Division Director

Date: 7/11/23

(Corporate Seal)



ATTEST WITNESS:

Signed: *[Signature]*

Typed Name: VANESSA ARANGO

Title: EXECUTIVE ASSISTANT

Date: 7/11/23

CONSULTANT SERVICE AUTHORIZATION NO. 4
UNDER CONSTRUCTION ENGINEERING INSPECTION (CEI)
ANNUAL SERVICES CONTRACT

{SIGNATURE PAGES CONTINUED}

COUNTY: **Palm Beach County**, a Political
Subdivision of the State of Florida, by and
through its Board of County Commissioners

Signed: _____

Typed Name: Gregg K. Weiss

Title: Mayor

Date: _____

ATTEST:

Joseph Abruzzo
Clerk of the Circuit Court & Comptroller

By: _____
Deputy Clerk

Approved as to Form and Legal Sufficiency

By: /s/Yelizaveta B. Herman

Typed Name: Yelizaveta B. Herman

Title: Assistant County Attorney

N:\ROADWAY\CONTRACTS\CEI\BCC Engineering 2021\2021023 Seminole Blvd CEI\CS4 and Supplement Template.docx



OK!
Sandra Milem Aspin
4/19/23.
Change to CCMA okay
[Signature]
4/19/23

April 18, 2023

Kristine Frazell-Smith, P.E.
Local Roads Section Manager
Roadway Production Division
Palm Beach County
2300 N Jog Road
3rd Floor, West Wing
West Palm Beach, FL 33411

Project Name: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Subject: Proposal for Construction Engineering and Inspection (CEI) Services PBC CEI Annual Services

BCC Engineering, LLC is pleased to submit this proposal to provide Construction Engineering and Inspection (CEI) Services for the PBC CEI Annual Services - Seminole Boulevard from Oswego Ave to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

We understand services will be performed for:

CEI Contract No: 2021052 PBC CEI Annual Services

Project Name: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Project ID No: 2021023

We will perform the CEI Services as requested by providing the necessary personnel for completion. Please see Exhibit B page 1 and 2 for details of manhours and rates. The total cost for our CEI Services is \$160,492.53.

We appreciate the opportunity to submit this unit price proposal and look forward to working with you on this project. If you have any questions regarding this cost estimate, please contact us at (305) 670.2350.

Sincerely,

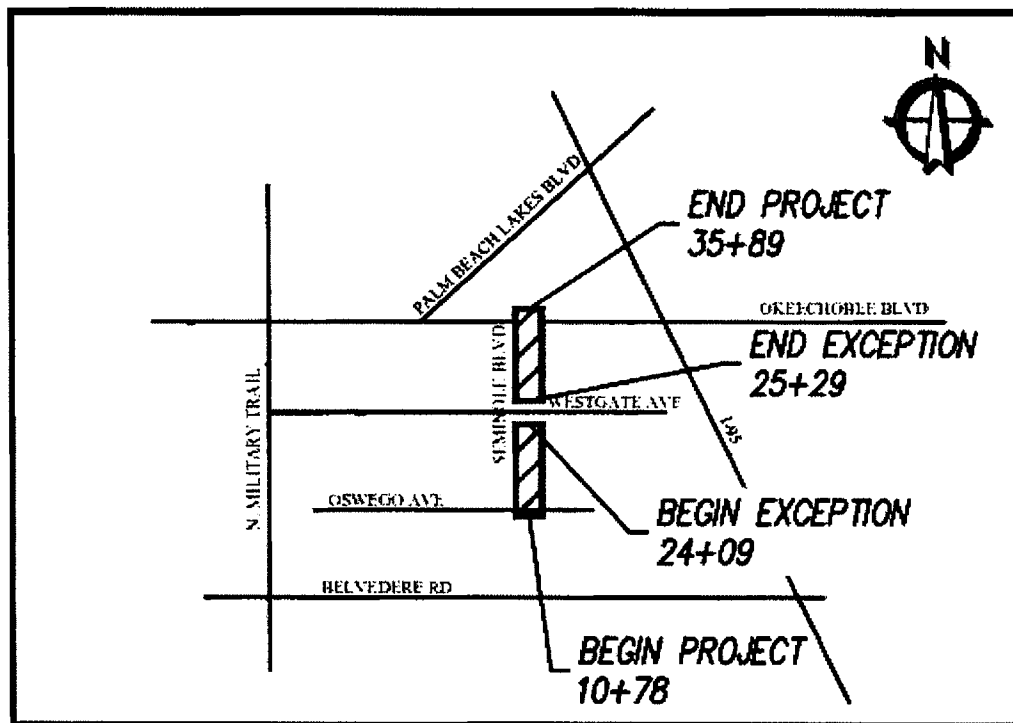
Eugenio Ochoa, P.E.
Vice President



**FEE PROPOSAL AND SCOPE OF SERVICES FOR CONSTRUCTION
ENGINEERING (CEI) ANNUAL SERVICES CONTRACT
PROJECT: SEMINOLE BLVD., OSWEGO AVE. TO OKEECHOBEE BLVD –
MULTI-USE TRAIL AND PEDESTRIAN LIGHTING
P.B.C. PROJECT #2021023/ FDOT FM No. 446077-1-58-01**

Client: Palm Beach County

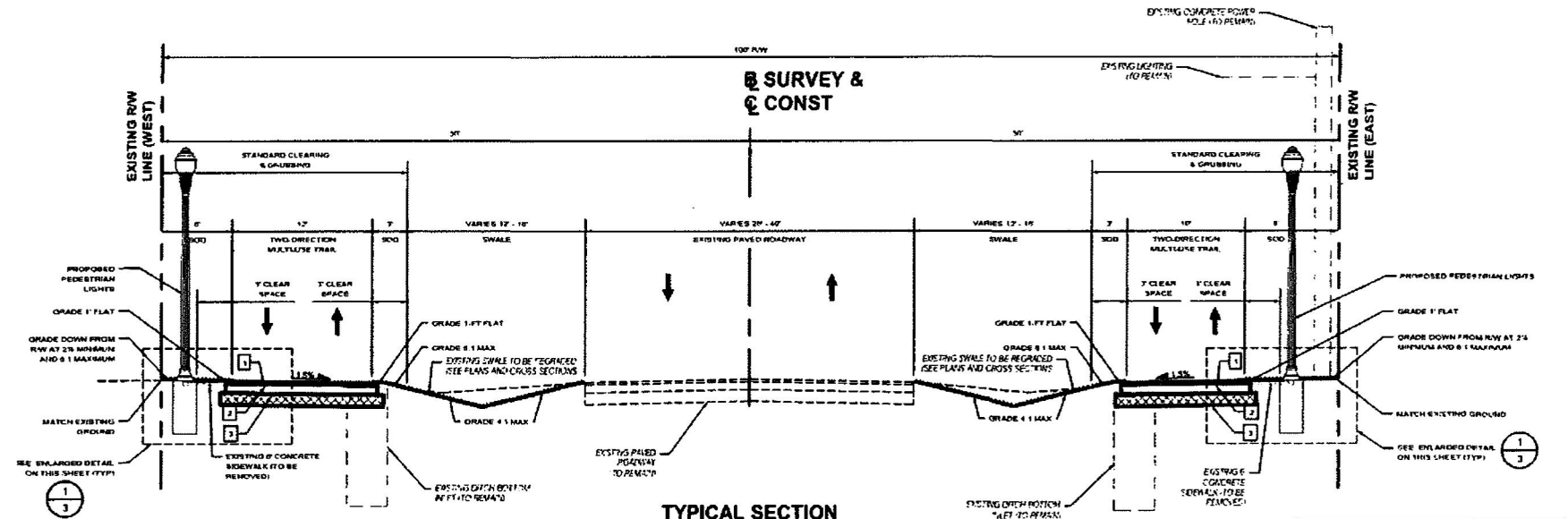
Location: Seminole Boulevard from Oswego Avenue to Okeechobee Boulevard



LOCATION MAP

N. T. S.

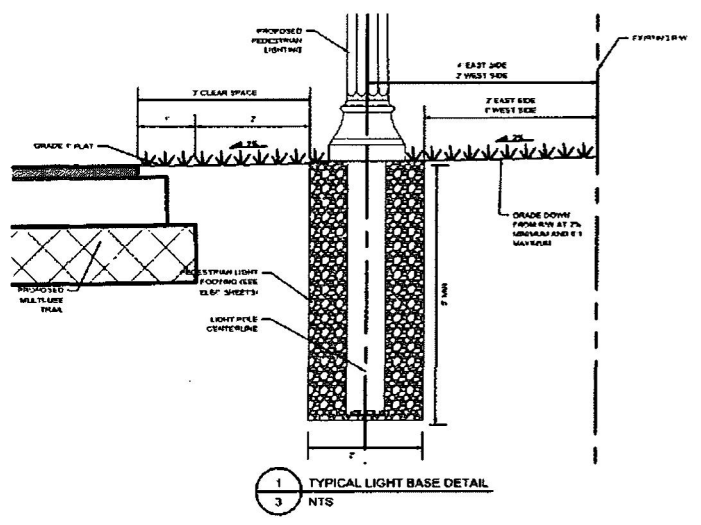
Understanding of Scope: BCC Engineering LLC (BCC Engineering) understands the scope that Palm Beach County seeks to install a two-direction multi-use pathway on both sides of Seminole Boulevard from Oswego Avenue (Sta 10+78) to Shawnee Avenue (Sta 35+89). There is a 120-foot exception from Sta 24+09 to Sta 25+29 where there will be no features constructed. The multi-use pathway on the east of Seminole Blvd will be consistently 10 feet wide except where tying into existing sidewalks. The multi-use pathway on the west side of Seminole Blvd will typically be 12 feet wide, except from Sta. 11+80 to Sta. 12+49 where the pathway will be 10 feet wide. The project will also install new drainage structures and French Drain, regrade swales, install 46 decorative light poles and associated electrical service, install new traffic signage and pavement markings and harmonize existing sidewalks and concrete and asphalt driveways.



**TYPICAL SECTION
TWO-DIRECTION MULTI-USE TRAILS
SEMINOLE BLVD (DESIGN SPEED 40 MPH)
OSWEGO AVENUE TO OKEECHOBEE BLVD
STATION 10+78 (BEGIN PROJECT)
STATION 24+09 (BEGIN EXCEPTION)
TO 25+29 (END EXCEPTION)
TO STATION 35+89 (END PROJECT)**

PAVEMENT SECTION

1. CONSTRUCT 1.5" SUPERPAVE STRUCTURAL COURSE
2. CONSTRUCT BASE COURSE PER OFFICIAL BASE GROUPS OF 2011 DOT SPECIFICATIONS SECTION 200
3. CONSTRUCT 12" COMPACTED SUBGRADE (MIN 4ER AN) COMPACTED TO A MINIMUM OF 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-100



In fulfillment of its Contract with Palm Beach County, BCC Engineering fully intends to perform the following functions which are essential to the successful outcome of this project:

LAP Coordination

From similar LAP-funded projects, BCC is already familiar with the FDOT LAP process, in addition to having an established relationship with the District 4 FDOT LAP Administrator (*Ramon Alvarez*) and the FDOT Palm Beach Operations Field Administrators (*James Lewis and Alexis Burrie*). Still, it is our goal to set up a meeting with the LAP coordinators geared specifically for this project, to discuss expectations. We will be utilizing the Construction Administration Procedures as outlined in the Local Agency Program Manual, as the framework of our intent to fulfill all FDOT LAP requirements. This includes requesting and obtaining access to FDOT LAP reporting documentation systems: Local Area Program Information Tool (LAPIT) and Equal Opportunity Compliance (EOC). We will conduct and submit labor interviews for conformance with wage rates and DBE monitoring reports. We will prepare and submit monthly LAP progress reports, upload contract documents, payment applications, change orders, time extensions and all related documents, and we will coordinate and assist the County with reimbursement package submittal.

Contractor Monitoring

We will monitor all work pursued by the Contractor and assure that the Contractor is monitoring all Stormwater pollution prevention measures associated with the project in addition to preparing all necessary reports. We will review and monitor compliance with drawings, contract documents, and all applicable specifications.

Verification Laboratory Material Testing and Sampling Services

Typical sampling and testing for soils, concrete and asphalt by our subconsultant's testing laboratory (Radise International) will be performed at a frequency either indicated in the Contract, or otherwise directed by Palm Beach County Engineering. The Schedule of Testing Services and Fee are attached to Exhibit B of this Scope.

Problem Resolution

We strive to eliminate problems and issues before affecting the progress of the project. We achieve this by thoroughly understanding the plans, the intent of the plans, and the restraints of the governing documents. Upon discovery of any potential issues, we will analyze the impacts and risk exposure to Palm Beach County, along with any proposals submitted by the Contractor for the resolution of the issue, where applicable. We will prepare and submit recommendations to the County's Project Manager and expedite the necessary paperwork.

Payment Review

We will produce the necessary reports; verify quantity calculations, and field measure for payment purposes as required. We will ensure that all payment applications are certified prior to forwarding to the County for review.

Vehicular and Pedestrian Maintenance of Traffic

The plans for this project contain specific details and instruction on how to contend with vehicular and pedestrian traffic, as well as school zone restrictions, while pursuing the work under this Contract. These details must be utilized with Standard Index Drawings for successful execution. We will review the work zone traffic control plan implementation and inspection of maintenance of traffic schemes and devices in work zones to assure they are in accordance with the County's requirements. We will also ensure that the Contractor provides a qualified Worksite Traffic Supervisor as required.

Project Daily Reports

We will maintain a detailed electronic record and hard copy diary, which accurately depicts the Contractor's operations; quantities, testing data, and significant events that affect the work. We will submit daily construction reports to the County's Project Manager on a weekly basis.

Project Meetings

We will initiate our administration of the Contract with a pre-construction meeting to be held within 30 days from the issuance of the NTP. We will also administer bi-weekly project meetings with appropriate team members (the Project Administrator, County PM, Contractor PM, and Field Inspector, at a minimum) in attendance, prepare and distribute meeting minutes to attendees, note changes and /or corrections and ensure all responsible parties approve minutes at subsequent meetings.

Record Drawing Review

As-builts drawings are maintained for the purposes of reflecting any differences between what was intended to be constructed, and what was actually constructed. Throughout the course of the project, we will review as-recorded drawings (if maintained by the Contractor) to verify the Contract Drawings are noted to reflect actual construction and ensure our complete agreement with the as-builts; review monthly status of as-recorded drawings and verify for monthly pay applications; notify the Contractor in a timely fashion of deficiencies noted; provide follow up to verify Contractor maintains as-recorded drawing status up-to-date.

Maintain a Centralized Punch List of Items Requiring Correction

We will develop, maintain, and provide to the County and the Contractor, an on-going list of items requiring correction to encourage the timely correction of noted construction deficiencies, monitor construction

throughout the project duration and identify deficient work and materials. This will be a centralized list, to avoid any confusion and missed items. We will provide the Contractor with an updated list at construction meetings and ensure all items on this list are corrected and/or signed off on, prior to project acceptance. The PBC Traffic Division will also inspect and provide a punch list which must also be addressed and signed off on, prior to final acceptance.

Notification of Accident Damage/Injury

We will document any accidents resulting in personal injury and/or property damage that may be attributed to construction activities. A report will be made completed and sent to the County's Project Manager, including any associated documentation such as a police report and photographs where appropriate.

Contract Interpretations and Modifications

We will receive, log, and coordinate reviews and responses to Contractor's Requests for Information (RFI's) following Palm Beach County approval and concurrence; responses to RFI's will be provided to the Contractor within seven (7) days; after PBC concurrence, prepare and issue response letters, field orders, or Change Proposal Requests as required.

Administration of Changed Work

We will receive from the Contractor all proposed changes to the work, and after analysis, inform the County's Project Manager with the appropriate recommendations, based on the reasoning behind the changes. We will track changes from initiation through completion; estimate cost and time impacts, and assist with negotiation of changes in contract time and cost; we will prepare change orders to incorporate changes within Contract Documents; evaluate the Project on a continual basis to determine when changes are required; include justification documents with each Change Order; maintain current status logs of all Change Proposal Requests and Change Orders; review as-recorded (as-built) drawings to verify changes in work are reflected as applicable; review pay requests to verify Change Order items are broken down into component form and ensure that payment is not made until work is complete.

Construction Disputes and Claims

We will review and provide initial recommendations on disputes or claims in response to written notification of claims made by the Contractor, in accordance with the provisions of the Contract Documents, asserting the right to an adjustment in either Contract Price or Contract Time.

Contractor's Payment Applications to Palm Beach County

We will receive and review draft applications for payment prepared by the Contractor and note and attempt to reconcile discrepancies between Engineer's estimate of progress and Contractor's application;

we will review draft application for payment in comparison to measured or estimated quantities and make notations of deficient work not recommended for payment until corrected. We will assess appropriate including deletion of payment for stored materials and/or equipment which do not have approved shop drawings and/or proper invoices in addition to a reduction of value for partially completed items claimed as complete; we will return a copy of the reviewed draft to the Contractor, meet with Contractor to reconcile discrepancies, review revised application for payment and, if acceptable, recommend payment and forward to the County Project Manager for processing. For any projects involving LAP funding, we will ensure that the Department LAP Coordinator is corresponded with in a timely manner, as to properly inform them (and seek their agreement) of the quantities the Contractor is seeking payment for.

Project Closeout – Substantial Completion and Inspection

Our inspections are ongoing; however, we will receive and review the Contractor's required substantial completion submittal and determine if the Project is ready for substantial completion inspection. We will develop substantial completion submittal checklist and perform the following activities: verify submittal of all required documents, review the Contractor's Record Drawings, perform drafting of Record Drawing revisions on reproducible set and transmit to the County's Project Manager for concurrence, review other substantial completion submittal documents for completeness and compliance with Contract provisions, and schedule substantial completion inspection after PBC concurrence. We will compile a centralized punch list and distribute to the parties conducting the walk-thru inspection, as required. We will review the progress of corrective action on punch list items, and when appropriate issue the Certificate of Substantial Completion with a list of stated qualifications (punch list). We will notify all project team members of the date of the Substantial Completion Inspection; review progress of corrective actions on punch list items, periodic updates and re-issuance of the punch list; identify tentative substantial completion and prepare and issue the Certificate of Substantial Completion with a list of stated qualifications (punch list).

Project Closeout - Final Completion, Inspection and Payment

We will receive and review the Contractor's required final completion submittal, develop final completion submittal checklist and verify the submittal of all required documents and review for completeness and compliance with Contract provisions. We will notify the County Project Manager, Contractor, and other affected parties of date of final inspection and coordinate, attend and conduct the final inspection meeting and physical walk-through of the Project. We will compile, secure and transmit to the County warranties and similar submittals required by the Contract Documents for delivery to the County and deliver all spare parts, keys, manuals and record drawings to the County. We will provide Project Certification to permitting agencies based on Contractor provided Record Drawings, Tests, Product Certifications, Documents, as necessary to close out the Project. We will support the County with preparation and submittal of FDOT LAP close-out package ('Blue Folder'), ensuring that any LAP Final Inspection and Acceptance Procedures per the LAP Manual are closely followed in a timely manner. Collect all payment documents required, including all certifications from any suppliers or subcontractors of payment by the Prime

Contractor, and forward to the Construction Project Manager for processing along with the Contractor's Final Application and Certificate for Payment; finalize all project costs and determine the final adjusted amounts for construction; obtain Contractor's signature on any required Contractor's Certification or Affidavits; process and sign Final Application for Payment; prepare transmittal letter.

Proposed Staffing Discussion: Based on the Plans provided, the scope as previously mentioned involves the installation of a 10' wide multi-use pathway on the east side of Seminole Blvd and a predominantly 12' wide multi-use pathway on the west side of Seminole Blvd, from Oswego Avenue to Shawnee Avenue. We anticipate that as pedestrian egress will have to be maintained, that the Contractor will only be allowed to pursue one side of Seminole Blvd at any given time. Only after the pathway has been completed and opened for use on one side, can the other side be pursued, which makes the critical path of this project somewhat linear. As the project is only approximately a half-mile in length, inspection of the installation of multi-use pathway as well as other critical items such as the light poles, drainage and signing and pavement markings, will be overseen by a single full-time senior roadway inspector (1392 hours).

The parttime Senior Project Engineer (81 hours), will be ultimately responsible for the quality of the inspection outcomes on the project, and along with the parttime Project Administrator (585 hours), will be the persons in direct communication with Palm Beach County Engineering, Utilities, Traffic Management, and the Florida Department of Transportation. They will also serve as a first line of response to any public complaints or inquiries.

As a LAP-funded project, there will be additional criteria that must be recognized and adhered to, in order to ensure compliance and eliminate funding issues. Our Resident Compliance Specialist/Contract Support Specialist (RCS/CSS) (600 hours) will ensure fulfillment of LAP standards per Chapter 23 of the Local Agency Program Manual.

Duration: The scope of work for construction should be completed in approximately 8 months (240 days). With regards to our field inspectors, the Contractor will work the industry standard of 8 hours a day on a 5 day-a-week calendar. Should the Contractor be approved to work a 6-day calendar, then it should be recognized by the Client that the estimated hours in this scope will be adjusted to reflect the number of eligible workdays in a week. The hourly estimates for office personnel will be predicated on an 8-hour workday.

Proposed CEI Staffing

CEI Senior Project Engineer (BCC Engineering): Coordinate with PBC project manager any contract related concerns throughout the duration of the TWO. Review the contractor schedule to ensure conformance with contract documents, provide a written review of the schedule identifying significant omissions, improbable or unreasonable activity durations and errors in logic. Coordinate the staffing need to ensure construction activities are covered. Assist the project administrator with any technical issues that may arise during the construction duration.

CEI Project Administrator (HBC Engineering Company (HBC)): Coordinate the Construction Contract administration activities of all parties other than the Contractor involved in completing the construction project. Services shall include maintaining the required level of surveillance of Contractor activities, interpreting plans, specifications, and special provisions for the Construction Contract. Maintain complete, accurate records of all activities and events relating to the project and properly document all project changes. Verify the schedule conforms with the construction phasing and MOT sequences, including all contract modifications. Analyze problems that arise on a project and proposals submitted by the Contractor; work to resolve such issues and process the necessary paperwork. Verify that the Contractor is conducting inspections, preparing reports, and monitoring all storm water pollution prevention measures associated with the project. Produce reports, verify quantity calculations, and field measure for payment purposes as needed to prevent delays in Contractor operations and to facilitate prompt processing of such information in order for the County to make timely payment to the Contractor. Conduct weekly/bi-weekly progress meeting and distribute minutes to all parties involved.

CEI Contract Support Specialist (CSS) (BCC Engineering): Responsible for the daily compilation of quantities as-installed for the processing of monthly Contractor application for payment for Contract work completed. Responsible for gathering of the documents necessary for the processing of Change Orders. Conduct and submit labor interviews for conformance with wage rates and DBE monitoring reports. Prepare and submit monthly LAP progress report, upload contract documents, payment applications, change orders, and related documents. Coordinate and assist the County with reimbursement package submittal. Assist the County with preparation and submittal of FDOT LAP close-out package ('Blue Folder'). Coordinate with FDOT to ensure LAP requirement compliance.

CEI Senior Roadway Inspector (BCC Engineering): Monitor Contractor activities, interpreting plans, specifications, and special provisions for the Construction Contract. Maintain complete, accurate field records of all activities and events relating to the project and properly document all project changes. Prepare daily work report (DWR) that include all activities and crews working on the project. Take photographic documentation of pre-construction state and of noteworthy incidents or events during construction. These photographs will be filed and maintained on the Consultant's computer using a digital photo management system. Photographs will be taken the day prior to the start of construction and continue as needed throughout the project. Coordinate along with the Project Administrator and the contractor any work affecting adjacent property owners in advance of work starting. The following activities will be inspected, witnessed, and documented per the FY21/22 Statewide Assurance/Quality Control Guidelines and Critical Requirements:

MOT

- The CEI staff is aware of and enforcing the requirements for MOT utilizing the 2021/2022 FDOT Standard Plans (102-600 series) and MUTCD.

- The CEI is aware that the Contractor will be required to submit a written plan which details each activity involved in the lane closure. The plan shall include Back-up Plans for activities critical to re-opening the lane to traffic. MOT plans and any modification of the Maintenance of Traffic, requires approval of the Palm Beach County Traffic Division.
- The CEI staff is aware of and enforcing the requirement for the Worksite Traffic Supervisor (WTS) is to perform an inspection during the opening of the work zone and for each subsequent MOT Phase.
- The CEI staff is aware of and enforcing the requirement to have the Contractor to provide residential and business properties safe, stable, and reasonable access for vehicles and pedestrians (including sidewalks).
- The CEI staff is aware of and enforcing the requirement to have the Contractor stay within the limits of the Right of Way and will restore to its original condition or better upon project completion.

Clearing and Grubbing

- The CEI staff is aware of and enforcing the requirement that the Contractor completely removes any stumps/roots within 12 inches of the surface in any areas where excavation is to be performed.
- The CEI staff will ensure trimming for sign sight distance and tree removal is enforced per the Contract Documents.

Environmental Controls

- CEI staff is aware of and enforcing the requirements that no construction activities may begin until the Erosion and Sediment Control Plan has been approved and implemented.

Earthwork

- CEI will enforce the requirement that all required density test results are documented.
- CEI will ensure that all sampling and testing requirements are met.
- CEI will ensure that all locates are performed prior to excavation and assist the Contractor with any components that may conflict with a utility.
- CEI will ensure that all conduits are installed at 36" below grade and have warning tape buried 24" below grade per the Contract Documents.

Concrete Pavement

- CEI will ensure that all forms are set to line and grade per FDOT Standard Specification 350-5 and meet ADA requirements.
- CEI will ensure forms are not removed for at least 12 hours after placement and after removing the forms, immediately apply curing compound to the sides of the slab per Spec 350-12.3.
- CEI will document concrete delivery ticket information ensure approved mix design is being used.

- CEI will ensure water is not added at the jobsite prior to slump testing. Water may be added after slump testing if the test is within the tolerance slump range. (Spec. 346-7)
- CEI will confirm W/C ratio is computed according to FM 5-501. (Spec 346-5)

Traffic/ITS Items

- CEI will ensure that the Contractor notifies Palm Beach County Traffic Operations prior to starting the work and to provide proper notice for final inspections.
- CEI will ensure all conduits are sealed with a duct sealant.
- CEI is aware that the Contractor is required to perform local field operational testing as per the Contract Documents.
- CEI is aware of and enforcing the requirements for Conduit and Interconnect Cable as per Spec Sections 630 and 632.
- CEI will ensure Section 635 requirements are met for the installation of the Pullboxes.
- CEI will ensure Section 653 and 665 requirements are met for installation of the Pedestrian Signals.

Pavement Markings

- The CEI staff is aware of and enforcing the requirements for the refurbished and proposed striping to be installed per Specification Section 711.

Project Schedule

- As discussed on Sheet 8 of 11 in this scope, the duration of this project is to be 8 (eight) months long. To comply with the LAP funding, the project must be completed by 12/05/2024 with an anticipated 'Notice to Proceed' to the Contractor by 07/07/2023. Once we receive the construction schedule, we will mobilize our staff to ensure all construction activities are inspected and conform to plans and specifications. This project schedule will parallel the construction schedule.

Schedule of Fees – Project #2021023

Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Estimate of Work Effort and Cost

Name of Project: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting		Consultant Name: BCC Engineering, LLC					
PBC Project Number: 2021023		Consultant Number:					
		Date: 3/24/2023					
Task Description	Total Staff Hours	Staff Categories			Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
		CEI Senior Project Engineer \$60.10	CEI Contract Support Specialist \$28.50	CEI Senior Roadway Inspector \$34.03			
BASIC SERVICES							
1 1st Month of Construction	197.0	9.0	36.0	152.0	197.0	\$6,739.46	\$ 34.21
2 2nd Month of Construction	227.0	9.0	42.0	176.0	227.0	\$7,727.18	\$ 34.04
3 3rd Month of Construction	227.0	9.0	42.0	176.0	227.0	\$7,727.18	\$ 34.04
4 4th Month of Construction	227.0	9.0	42.0	176.0	227.0	\$7,727.18	\$ 34.04
5 5th Month of Construction	227.0	9.0	42.0	176.0	227.0	\$7,727.18	\$ 34.04
6 6th Month of Construction	227.0	9.0	42.0	176.0	227.0	\$7,727.18	\$ 34.04
7 7th Month of Construction	187.0	9.0	42.0	136.0	187.0	\$6,365.98	\$ 34.04
8 8th Month of Construction	131.0	9.0	42.0	80.0	131.0	\$4,460.30	\$ 34.05
9 9th Month of Construction	51.0	9.0	42.0	0.0	51.0	\$1,737.90	\$ 34.08
Total Staff Hours (Basic Services)	1701.0	81.0	372.0	1248.0	1701.0		
Total Staff Cost (Basic Services)		\$4,868.10	\$10,602.00	\$42,469.44		\$57,939.54	\$ 34.06

EBO SBE Calculation for this Fee Summary		
	SBE \$	Non-SBE \$
Prime		\$160,492.53
HBC Engineering Company	\$82,477.98	
Radise International, L.C.		\$9,546.24
Totals	\$ 82,477.98	\$ 170,038.77

SBE % Achieved	32.66%
SBE % Committed	30.00%

Basic Services:	
Salary Related Costs:	\$57,939.54
Contract Multiplier	2.77
Subtotal Basic Services (Prime Firm): \$160,492.53	
Basic Services (HBC Engineering Company)	
Providing a CEI Project Administrator	\$82,477.98
Basic Services (Radise International, L.C.)	\$9,546.24
Materials VT Testing Services	
Subtotal Basic Services (Subconsultants) \$92,024.22	
Basic Services Total: \$252,516.75	

Grand Total Estimated Fees: \$252,516.75

240 Days - 1392 hours (8 Hour Days)

Hours:

Positions	Project Hours	Intended % Utilization	Total Hours
CEI Senior Project Engineer	1368	5.9%	81 Hrs
CEI Contract Support Specialist	1368	27.2%	372 Hrs
CEI Senior Roadway Inspector	1368	91.2%	1248 Hrs

Rates:

Positions	Rate (Approved)	Hours	Costs
CEI Senior Project Engineer	\$60.10	81	\$4,868.10
CEI Contract Support Specialist	\$28.50	372	\$10,602.00
CEI Senior Roadway Inspector	\$34.03	1248	\$42,469.44
Total Costs			\$57,939.54
Multiplier			2.77
Subtotal:			<u>\$160,492.53</u>

Total Prime Costs: \$160,492.53 ✓



November 16, 2022 (Revised 2/17/2023)

Geoffrey Parker, Project Manager
BCC Engineering, LLC.
700 N. Olive Ave., Suite 1
West Palm Beach, FL 33401
(561) 655-0655/gparker@bcceng.com

**SUBJECT: Proposal for Construction Engineering and Inspection (CEI) Services
PBC Annual Services with BCC Engineering - Seminole Blvd Multi-Use Trail
and Pedestrian Lighting Project
PBC Project ID No. 2021023**

Dear Mr. Parker,

HBC Engineering Company (HBC) is pleased to submit this proposal to provide Construction Engineering and Inspection (CEI) Services for the PBC CEI Annual Services – Seminole Blvd Multi-Use Trail and Pedestrian Lighting Project from Oswego Ave to Okeechobee Blvd.

We understand services will be performed for:

**CEI Contract - PBC Annual Services with BCC Engineering
Project: Seminole Blvd Multi-Use Trail and Pedestrian Lighting Project
PBC Project ID No: 2021023**

We will perform the CEI Services as requested by providing a CEI Project Administrator with an estimate of 558 man-hours at $\$49.27 \times 3 = \$147.81/\text{hr.}$ for a total of \$82,477.98.

We appreciate the opportunity to submit this unit price proposal and look forward to working with you on this project. If you have any questions regarding this cost estimate, please contact us at (305) 232-7932.

Sincerely,

HBC Engineering Company

A handwritten signature in black ink, appearing to read "Adebayo Coker", is written over a horizontal line.

Adebayo Coker, P.E.

President

Attachment: Schedule of Fees - Project #2021023

Schedule of Fees – Project #2021023

Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Name of Project: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting PBC Project Number: 2021023			Consultant Name: HBC Engineering Company Consultant Number: Date: 2/17/2023		
Task Description	Total Staff Hours	Staff Categories CEI Project Administrator \$49.27 ✓	Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
BASIC SERVICES					
1 1st Month of Construction	54.0	54.0	54.0	\$2,660.58	49.27
2 2nd Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
3 3rd Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
4 4th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
5 5th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
6 6th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
7 7th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
8 8th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
9 9th Month of Construction	63.0	63.0	63.0	\$3,104.01	49.27
Total Staff Hours (Basic Services)	558.0	558.0	558.0	\$27,492.66	49.27
Total Staff Cost (Basic Services)		\$27,492.66			
Salary Related Costs:					\$27,492.66
					3.00
Subtotal Basic Services (HBC Engineering Company):					\$82,477.98
Basic Services Total:					\$82,477.98 ✓

LAB CERTIFICATIONS



January 13, 2023

BCC Engineering
Attn.: Mr. Geoff Parker, P.E. - SR Project Engineer
6401 SW 87th Avenue, Suite 200
Miami, FL 33173

Phone: 305-670-2350 / 954-325-6880 (Cell)
Email: gparker@bcceng.com

**CTQP CERTIFIED
TEAM**

USACE Certified QA Managers

**Subject: Proposal for Construction Materials Testing and Inspection Services
CEI and VT Proposal for Seminole Blvd., Oswego Ave. to Okeechobee Blvd
Multi-Use Trail and Pedestrian Lighting
PBC Project ID No: 2021023, Palm Beach County, Florida**

Dear Mr. Parker,

RADISE International, L.C. (RADISE) is pleased to submit this proposal to provide Construction Materials Testing and Inspection Services in connection with the PBC Annual CEI Services – Seminole Boulevard from Oswego Avenue to Okeechobee Boulevard Multi-Use Trail and Pedestrian Lighting Project, PBC Project ID No: 2021023, Palm Beach County, Florida.

We understand that the project will include:

CEI Contract: PBC Annual Services with BCC Engineering
Project: Seminole Boulevard y Intersection Improvement Project
PBC Project ID No: 2021023
RADISE Position: CEI Inspections and Materials VT Testing Services
RADISE Scope Fee Rate Estimate: Estimate \$9,546.20 (breakdown attached) of VT Field and Laboratory Support Services.

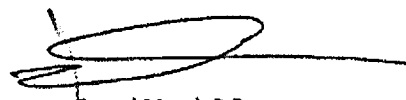
We will perform the CEI QA/QC and VT Materials Testing Services as requested on a unit price basis. Please see the above and attached cost estimate, based on our approved Palm Beach County Contract Rates.

We appreciate the opportunity to submit this unit price proposal and look forward to working with you on this project. If you have any questions regarding the unit prices or would like us to quote the project based on known quantities, please contact us at 561-841-0103.

Sincerely,

RADISE International, L.C.
Infrastructure Engineers • Software Developers


Newton M. Brooks
Construction Services Manager


Fouad Masri, P.E.
Vice President

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

SOLICITATION/PROJECT/BID NO.: 2021023

SOLICITATION OPENING/SUBMITTAL DATE: September 1, 2020

COUNTY DEPARTMENT: Engineering and Public Works

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: BCC Engineering, LLC ADDRESS: 6401 SW 87Th Avenue, Suite 200, Miami, FL 33173

CONTACT PERSON: Eugenio Ochoa PHONE NO.: (605) 670-2350 E-MAIL: eochoa@bcceng.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$160,492.53

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE MBE WBE SBE

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
	1. HBC Engineering Company	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$82,477.98				
2. Radise International, L.C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$9,546.24
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

(Please use additional sheets if necessary)

Total \$82,477.98 \$9,546.24

Total Bid/Offer Price \$ 252,516.75

Total Certified S/M/WBE Participation \$ 82,477.98 / 32.66%

I hereby certify that the above information is accurate to the best of my knowledge: Eugenio Ochoa Vice President
 Name & Authorized Signature Title

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
 - Modification of this form is not permitted and will be rejected upon submittal.

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2021023

SOLICITATION/PROJECT NAME: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Prime Contractor: BCC Engineering, LLC Subcontractor: HBC Engineering Company

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 5/24/22-5/23/25

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
10.1	Roadway Construction Engineering Inspection	\$49.27	558.0	x3.00 (Multiplier)	\$82,477.98

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$82,477.98

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

BCC Engineering, LLC
 Print Name of Prime
 By: [Signature]
 Authorized Signature
 Eugenio Ochoa
 Print Name
 Vice President
 Title
 Date: 5/11/23

HBC Engineering Company
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
 Adebayo Coker
 Print Name
 President
 Title
 Date: 5/11/23

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2021023

SOLICITATION/PROJECT NAME: Seminole Blvd., Oswego Ave. to Okeechobee Blvd Multi-Use Trail and Pedestrian Lighting

Prime Contractor: BCC Engineering, LLC Subcontractor: RADISE International, L.C.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): _____

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
10.2	Verification Laboratory Material Testing and Sampling Services	\$9,546.24	1		\$9,546.24

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$9,546.24

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

BCC Engineering, LLC

Print Name of Prime

By: 
Authorized Signature

Eugenio Ochoa

Print Name

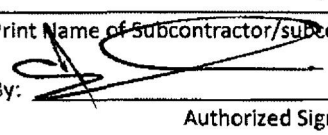
Vice President

Title

Date: 5/11/23

RADISE International, L.C.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Fouad Masri

Print Name

Vice President

Title

Date: 5/11/23

Search

Insured Name

BCC Engineering, LLC (DX0001602)

Active Records Only

Advance Search

Insured

Name: BCC Engineering, LLC

Account Number: DX00001602

Address: 6401 SW 87th Avenue, Suite 200, Miami, FL, 33173

Status: Currently in Compliance.

Insured Tasks Admin Tools

View

Insured

Notes

History

Deficiencies

Coverages

Requirements

Contract Screen

Add

Edit

Help

Video Tutorials

Insured	
Business Unit(s) DBA Number Print Insured Info Print Compliance Report	
Account Information	
Account Number:	DX00001602
Risk Type:	Standard - Professional Services
Do Not Call:	Address Updated:
Address Information	
Mailing Address	Physical Address
Insured:	BCC Engineering, LLC
Address 1:	6401 SW 87th Avenue, Suite 200
Address 2:	
City:	Miami
State:	FL
Zip:	33173
Country:	
Contract Information	
Contract Number:	
Contract Start Date:	Contract End Date:
Contract Effective Date:	Contract Expiration Date:
Description of Services:	Safety Form II: No
Contact Information	
Contact Name:	Geoffrey Parker
Phone Number:	9543256880
Fax Number:	
E-Mail Address:	gparker@bcceng.com
Approval Date:	
Rush:	No
Contract on File:	No
Certificate Received:	Yes
Indemnification Agreement:	No
Tax Id:	

This Account created by e59 on 09/14/2021.

BUDGET AMENDMENT

2023- _____

Page 1 of 1

**BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY
BUDGET Amendment**

FUND Capital Outlay

BGRV 042423*500
BGEX 042423*1239

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 04/25/2023	REMAINING BALANCE
<u>REVENUES</u>								
<u>SEMINOLE BLVD., OSWEGO AVE TO OKEECHOBEE BLVD</u>								
3900-361-1979-6943	Reimbursed Expenses-Other	0	0	362,517	0	362,517		
TOTAL RECEIPTS & BALANCES		39,999,648	38,621,900	362,517	0	38,984,417		
<u>EXPENDITURES</u>								
<u>SEMINOLE BLVD., OSWEGO AVE TO OKEECHOBEE BLVD</u>								
3900-361-1979-8101	Contributions Other Governmental Agencies	56,802	994,246	362,517	0	1,356,763	49,527	1,307,236
TOTAL APPROPRIATIONS & EXPENDITURES		39,999,648	38,621,900	362,517	0	38,984,417		

	SIGNATURE	DATE	
Engineering & Public Works	<u><i>Danny Rantabingh</i></u>	<u>06/27/23</u>	By Board of County Commissioners At Meeting of _____
Administration / Budget Approval	_____	_____	_____
OFMB Department – Posted	_____	_____	Deputy Clerk to the Board of County Commissioners