

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date:	April 5, 2022	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
		<input type="checkbox"/>	Workshop	<input type="checkbox"/>	Public Hearing
Department:	Engineering & Public Works Department				
Submitted By:	Engineering & Public Works Department				
Submitted For:	Roadway Production Division				

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Service Authorization (CSA) No. 1 to the Annual Construction Engineering Inspection (CEI) Professional Services Contract (R2021-0883) dated July 13, 2021 (Contract) with BCC Engineering, LLC (BCCE) in the amount of \$127,549.16 for the CR-A1A/ Ocean Drive from Donald Ross Road to Indiantown Road Pedestrian Flashers installation (Project).

SUMMARY: Approval of this CSA will authorize the professional services necessary for CEI services. The Affirmative Procurement Initiatives selected for this Contract on November 6, 2019 by the Goal Setting Committee are a 20% minimum mandatory Small Business Enterprise (SBE) participation and an SBE evaluation preference. BCCE agreed to 30% SBE participation for the Contract and 30.73% SBE participation for this CSA. Their cumulative SBE participation to date for the Contract including this CSA is 30.73%. District 1 (YBH)

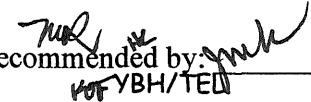
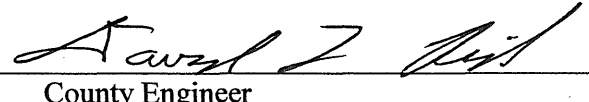
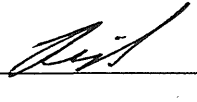
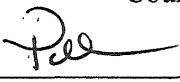
Background and Justification: On July 13, 2021, the Board of County Commissioners (BCC) approved the Contract with BCCE to provide professional CEI services throughout the County. The fee, as detailed in **Exhibit B** of the attached CSA, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$127,549.16	(CEI Services)
Reimbursable Services (Not to Exceed)	\$ 0.00	
Optional Services (Not to Exceed)	\$ 0.00	
Total:	\$127,549.16	

After reviewing the attached CSA and finding it in proper order, the Engineering Department recommends BCC approval.

Attachments:

1. Location Map
2. CSA No. 1 with Exhibits A, B, C, D & Ebix Insurance Compliance (2)

Recommended by:  YBH/TEU	 County Engineer	 Date
Approved By:  Assistant County Administrator		3/10/22 Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	\$165,814	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$165,814	0-	-0-	-0-	-0-
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

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

Budget Account No:
Fund 3500 Dept 361 Unit 2002-001 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

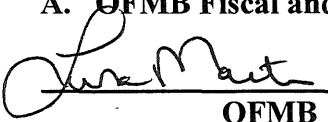
Transportation Improvement Fund
Traffic Signal- Mast Arms - FY 2022
CR-A1A / Ocean Dr from Donald Ross Rd to Indiantown Rd

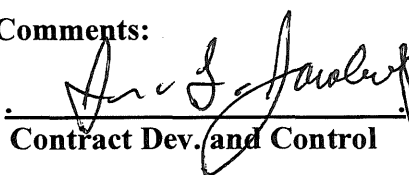
New Task Authorization	
Basic Services	\$ 127,549.16
Reimbursables	\$ 0.00
Optional Services	\$ 0.00
Total Task Authorization	\$ 127,549.16
Staff Charges	
Roadway Production	\$ 25,509.83
Roadway Production: Survey	\$ 0.00
Roadway Production: Right of Way	\$ 0.00
Traffic	\$ 12,754.92
Fiscal Impact	\$ 165,813.91

C. Departmental Fiscal Review: 

III. REVIEW COMMENTS

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


OFMB 3/7/22
JA 3-7-22
MG 3/7/22


Contract Dev. and Control 3/8/22

B. Approved as to Form
and Legal Sufficiency:


Assistant County Attorney

C. Other Department Review:

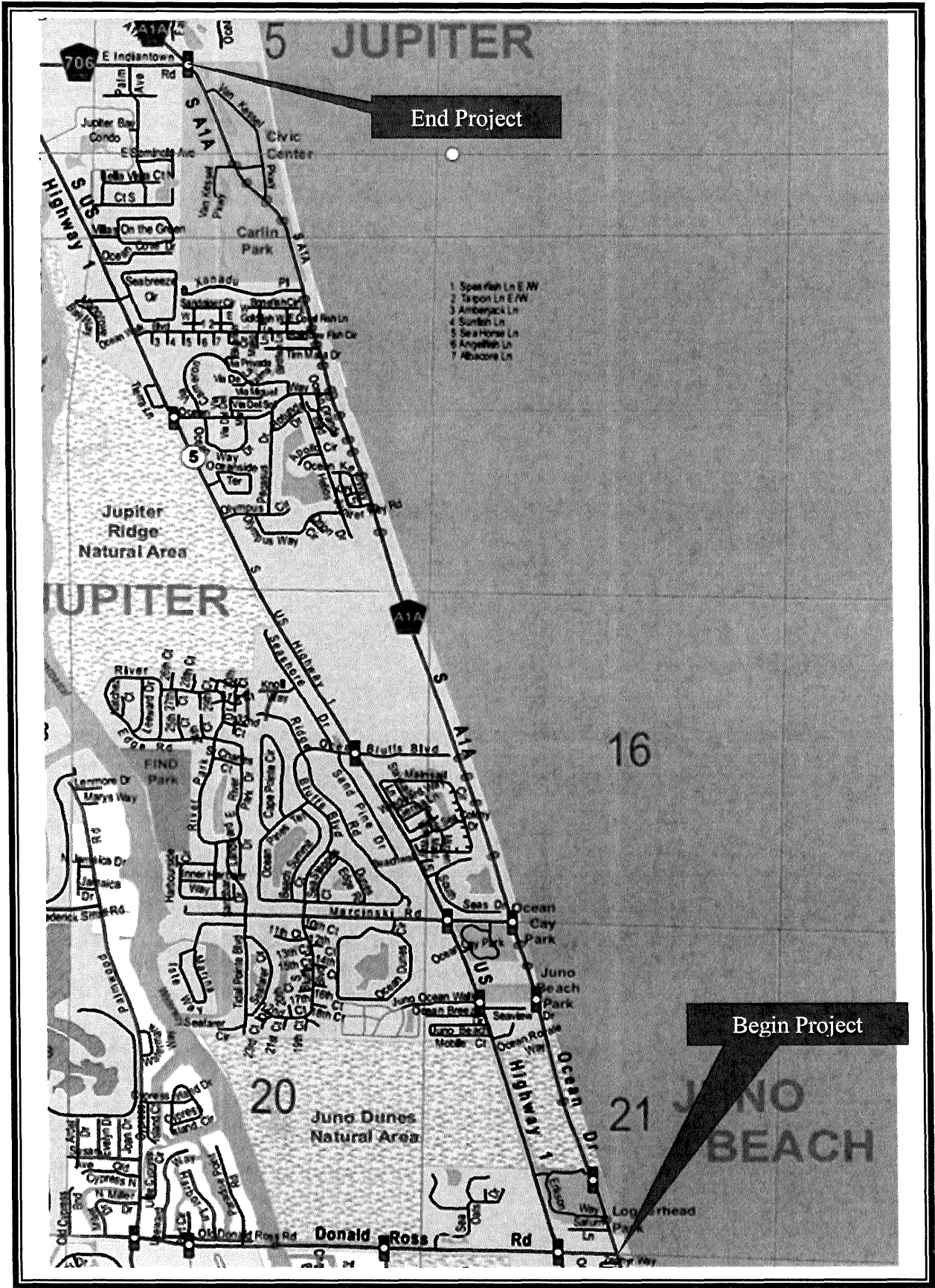
Department Director

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

PROJECT LOCATION

CR-A1A/ Ocean Drive from Donald Ross Road to Indiantown Road Pedestrian Flashers

Palm Beach County Project #2019739



LOCATION MAP

**CONSULTANT SERVICE AUTHORIZATION NO. 1 TO THE
ANNUAL CONSTRUCTION ENGINEERING INSPECTION PROFESSIONAL
SERVICES CONTRACT
BY AND BETWEEN PALM BEACH COUNTY
AND BCC ENGINEERING, LLC FOR
CR-A1A/ OCEAN DRIVE FROM DONALD ROSS ROAD TO INDIANTOWN ROAD
PEDESTRIAN FLASHERS
PROJECT # 2019739**

This Consultant Service Authorization No. 1 (CSA) to the Annual Construction Engineering Inspection (CEI) Professional Services Contract (R2021-0883), dated July 13, 2021 (ANNUAL CONTRACT), is made and entered into on _____, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and BCC Engineering, LLC, a Florida limited liability company (CONSULTANT) whose Federal ID is 65-0540100 (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and New Millennium Engineering, Inc. entered into the ANNUAL CONTRACT on July 13, 2021 (R2021-0883); and

WHEREAS, the COUNTY and CONSULTANT and New Millennium Engineering, Inc. entered into an Assignment Assumption and Consent Agreement (ASSIGNMENT) on February 1, 2022 (R2022-0049); and

WHEREAS, the ASSIGNMENT transferred the ANNUAL CONTRACT from New Millennium Engineering, Inc. to the CONSULTANT; and

WHEREAS, the COUNTY intends to construct CR-A1A/ Ocean Drive from Donald Ross Road to Indiantown Road Pedestrian Flashers, Project No. 2019739 (PROJECT); and

WHEREAS, the COUNTY desires the CONSULTANT to perform professional CEI services for the PROJECT; and

WHEREAS, the CONSULTANT agrees to provide CEI services as required for the PROJECT; and

WHEREAS, the following fee has been negotiated and found to be reasonable compensation for these professional services to be performed by the CONSULTANT:

Basic Services in a lump sum fee of \$127,549.16
Reimbursable Expenses capped at \$0.00
Optional Services capped at \$0.00
Totaling **\$127,549.16**

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits to flow from each to the other, the Parties hereto agree as follows:

The above recitals are true and correct and are incorporated herein.

The following Exhibits are attached to and made a part of this CSA.

Exhibit A - Scope of Work including Work Schedule

Exhibit B - Fee Schedule

Exhibit C – OEBO Schedules 1 and 2

Exhibit D – Consultant Service Authorization History


The COUNTY agrees to pay the CONSULTANT a fee of One Hundred Twenty-Seven Thousand Five Hundred Forty-Nine Dollars and Sixteen Cents (\$127,549.16) for this CSA.

Except as hereby amended, changed or modified, all other provisions of the ANNUAL CONTRACT, shall remain in full force and effect.

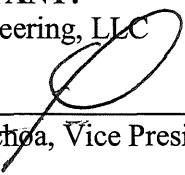
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IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this CSA for the PROJECT, pursuant to the ANNUAL CONTRACT, on behalf of the COUNTY, and CONSULTANT has hereunto set its hand the day and year above written.

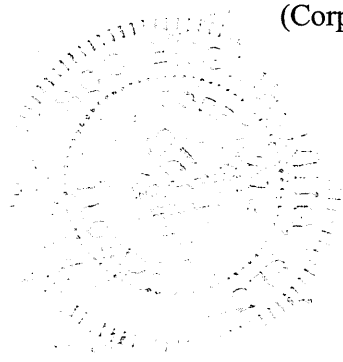
OWNER:
APPROVED AS TO TERMS
AND CONDITIONS

By: 
Morton L. Rose, P.E.
Director of Roadway Production

CONSULTANT:
BCC Engineering, LLC


Eugenio Ochoa, Vice President

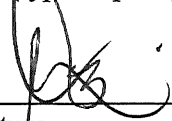
(Corp. Seal)



ATTEST WITNESS:


Signature

Vanessa Aymerich.
Name (type or print)


Signature

Raiza Dubio
Name (type or print)

{SIGNATURE PAGES CONTINUED}

ATTEST:
Joseph Abruzzo
Clerk of the Circuit Court & Comptroller

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

By: _____
Deputy Clerk

By: _____
Robert S. Weinroth, Mayor

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

(Seal)

By: /s/Yelizaveta B. Herman
Yelizaveta B. Herman
Assistant County Attorney

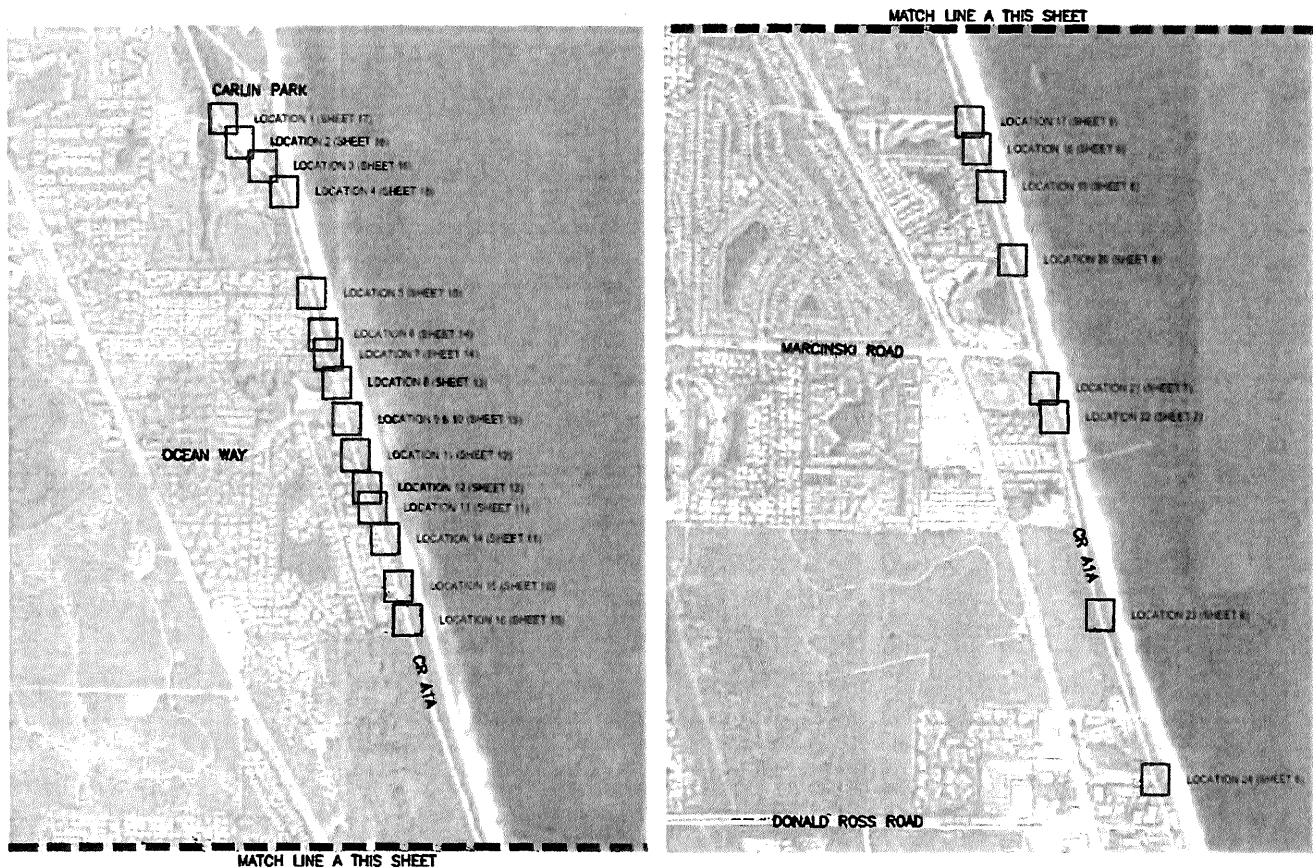
Approved
FJ
12-22-2021

Exhibit A
Page 1 of 9

**PROJECT: CR-A1A OCEAN/DRIVE FROM DONALD ROSS ROAD TO
INDIANTOWN ROAD PEDESTRIAN FLASHERS**
P.B.C. PROJECT #2019739
L.A.P. PROJECT #444366-1-58
Revised 12/13/2021

Client: Palm Beach County

Location: CR A1A from North of Donald Ross Road to South of Indiantown Road (24 Locations)



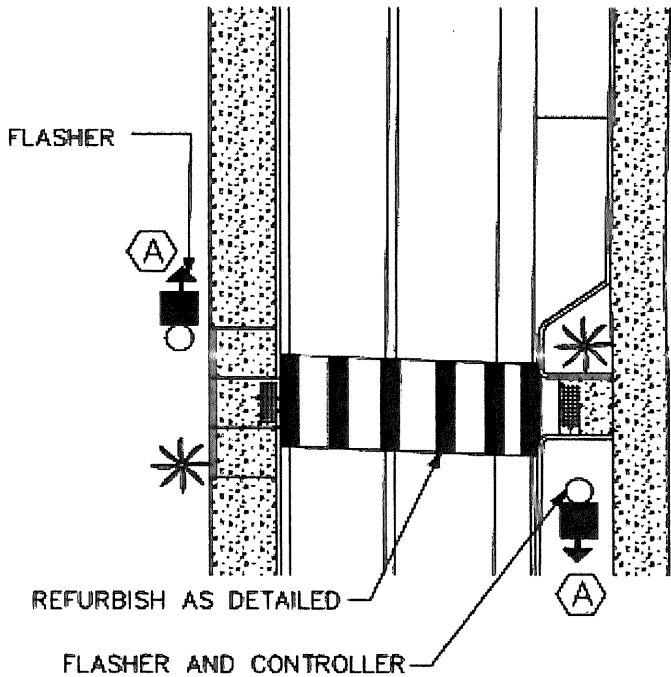
Understanding of Scope: BCC Engineering LLC (BCC Engineering) understands the scope to involve the installation of forty-eight (48) flashing beacon pole structures and associated assemblies; thirty-nine (39) "Crosswalk Ahead" sign pole structures; and twenty-three (23) pedestrian detection pole structures. Additionally, there will be associated electrical items, installation of said electrical items via trenching, thermoplastic striping and sign removal/relocations, 4" concrete sidewalk harmonization, and clearing and grubbing. The typical installation detail is as follows:

NOTES:

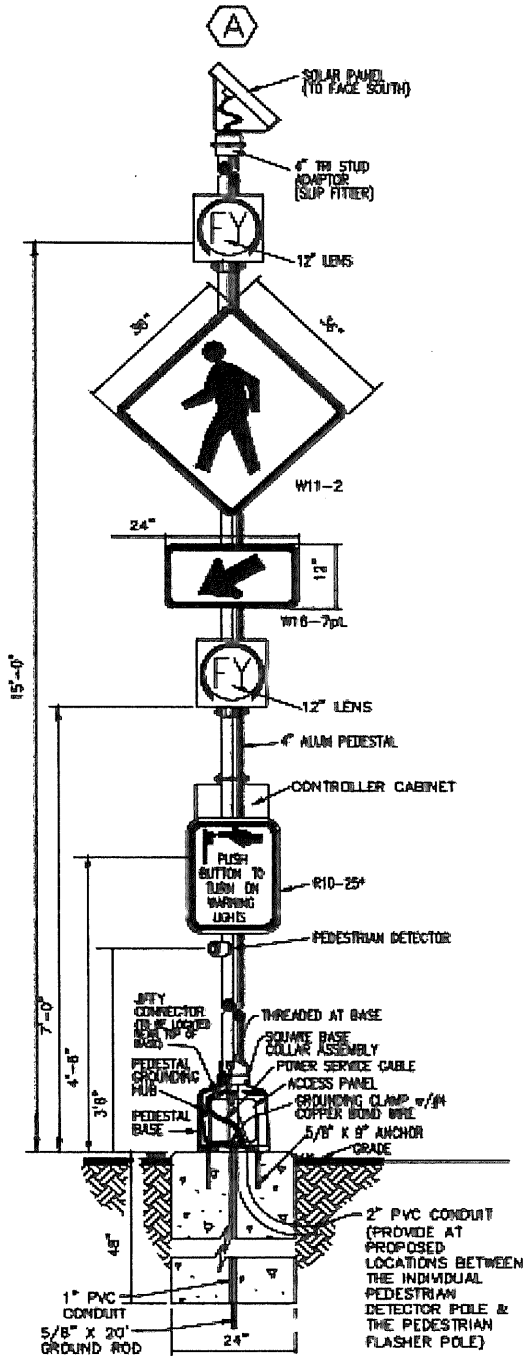
- 1. FLASHING OPERATION:
SIGNAL TO FLASH FOR
A PERIOD OF 30 SECONDS
- 2. SPEED LIMITS:
OCEAN BLVD/ A1A - 30 MPH

DETAIL OF SIGNAL HEAD

TYPICAL MID BLOCK
PEDESTRIAN CROSSING



*R10-25 SIGN AND PEDESTRIAN DETECTOR TO BE PLACED ON A SEPARATE ALUMINUM POLE WHEN REQUIRED TO MEET ADA REQUIREMENTS



TRAFFIC DIVISION
Signal Design Guidelines

DRAWING TITLE:
TYPICAL MID BLOCK PEDESTRIAN FLASHER DETAIL
ENGINEER: DATE: DWG - N.T.S.

Typical Installation Detail for Palm Beach County Project #2019739

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

LAP Coordination

We have already initiated contact with the District 4 FDOT LAP Administrator (*Ramon Alvarez*) and the FDOT Palm Beach Operations Field Administrator (*James Lewis*) regarding our upcoming coordination on this project. 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

At this time, the only materials with the potential to be sampled and tested, are the pole bases and sidewalk, which are typically Class I concrete and exempt from being sampled and laboratory tested (field testing still applies).

Issue 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 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 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

We will develop, maintain, and provide to the County and the Contractor, an on-going list of items requiring correction. 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).

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 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 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 Contractors 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 corridor is long enough to provide two or more concurrent crews/MOT not exceeding ¼ mile of closures. Few locations are near intersections (OCEAN WAY and VAN KESSEL PKWY) that will require modified FDOT Standards.

The work will also need to be worked on one side at a time to avoid conflicting sidewalk closures. Phase 2/3 MOT will include lane closures that will reduce parking as well.

Work near Jupiter Key and Ocean Club of Jupiter will require some coordination with property managers.

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 Project Administrator will ensure fulfillment of LAP standards per Chapter 23 of the Local Agency Program Manual.

Estimated Duration: 3-4 working days per location (72 days to 96 days if a single crew, 26 days to 48 days if tandem crews, etc)

Proposed CEI Staffing

CEI Senior Project Engineer (BCC – 5%): 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 (Pinnacle – 20%): 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 Senior Inspector (BCC – 60%): 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.

CEI Senior Inspector (HBC Engineering Company (HBC) – 40%): HBC's scope includes - 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. All activities will be inspected, witnessed, and documented per the FY21/22 Statewide Assurance/Quality Control Guidelists and Critical Requirements. The following activities will be inspected, witnessed, and documented per the FY21/22 Statewide Assurance/Quality Control Guidelists 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.
- 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)

Signalization

- 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.

Schedule of Fees – Project #2019739

Name of Project: CR-A1A Ocean/Drive From Donald Ross Road To Indiantown Road Pedestrian Flashers					Consultant Name: BCC Engineering LLC		
PBC Project Number: 2019739					Consultant Number:		
Date: 12/13/2021							
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 Project Administrator \$49.00 ✓	CEI Senior Inspector (Prime) \$34.03 ✓			
BASIC SERVICES							
1 Coordinate with PBC, Review schedule, staffing needs	48.0 ✓	48.0			48.0 ✓	\$2,884.80 ✓	60.10 ✓
2 Coordinate construction Admin activities/documentation	192.0 ✓		192.0		192.0 ✓	\$9,408.00 ✓	49.00 ✓
3 Monitor daily contractor activities/coordinate with CEI PA	576.0 ✓			576.0	576.0 ✓	\$19,601.28 ✓	34.03 ✓
Total Staff Hours (Basic Services)	816.0 ✓	48.0 ✓	192.0 ✓	576.0 ✓	816.0 ✓	\$31,894.08 ✓	39.09 ✓
Total Staff Cost (Basic Services)		\$2,884.80 ✓	\$9,408.00 ✓	\$19,601.28 ✓			
					<div>Basic Services:</div> <div>Salary Related Costs: \$31,894.08</div> <div>Contract Multiplier 2.77 ✓</div> <div>Subtotal Basic Services (Prime Firm): \$88,346.60 ✓</div>		
					<div>Basic Services (HBC Engineering Company): \$13,067.52</div> <div>Contract Multiplier 3.00 ✓</div> <div>Subtotal Basic Services (Subconsultants) \$39,202.56 ✓</div> <div>Total Basic Services: \$127,549.16 ✓</div> <div>Grand Total Estimated Fees: \$127,549.16 ✓</div>		

12-22-2021

96 Day – 960 hours (10 Hour Days) – assuming a single Contractor crew

Hours:

Positions	Project Hours	Intended % Utilization	Total Hours
CEI Project Engineer	960	5.0%	48 Hrs
CEI Project Adimistrator	960	20.0%	192 Hrs
CEI Senior Roadway Inspector	960	60.0%	576 Hrs

Rates:

Positions	Rate (Approved)	Hours	Costs
CEI Project Engineer	\$60.10	48	\$2,884.80 ✓
CEI Project Adimistrator	\$49.00	192	\$9,408.00 ✓
CEI Senior Roadway Inspector	\$34.03	576	\$19,601.28 ✓
Total Costs			\$31,894.08 ✓
Multiplier			2.77 ✓
Subtotal:			\$88,346.60 ✓

Total Prime Costs: \$88,346.60 ✓



HBC is pleased to offer CEI Inspection Services for Palm Beach County Pedestrian Flasher Installation Project. The following describe the proposed scope of work and fee estimate for these services:

SCOPE

CEI Senior Inspector (HBC – 40%): HBC acknowledges our scope on this TWO to include - 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. All activities will be inspected, witnessed, and documented per the FY21/22 Statewide Assurance/Quality Control Guidelists and Critical Requirements.

FEES

HBC acknowledges that unless amended by the Prime Consultant (BCC) our hours to be provided for this position are not to exceed **384 hours**. Our proposed fee is as follows:

Position	Raw Hourly Rate	Hours	Fee Sub-Total	Multiplier	Total Fees
Senior Inspector	\$34.03	384	\$13,067.52 ✓	3.00 ✓	\$39,202.56 ✓

Name of Project: CR-A1A Ocean/Drive From Donald Ross Road To Indiantown Road Pedestrian Flashers			Consultant Name: HBC Engineering Company		
PBC Project Number: 2019739			Consultant Number:		
			Date: 12/13/2021		
Task Description	Total Staff Hours	Staff Categories	Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
		CEI Senior Inspector (Prime)			
		\$34.03 ✓			
BASIC SERVICES					
1 Monitor daily contractor activities/coordinate with CEI PA	384.0 ✓	384.0	384.0 ✓	\$13,067.52 ✓	34.03 ✓
Total Staff Hours (Basic Services)	384.0 ✓	384.0 ✓	384.0 ✓	\$13,067.52 ✓	34.03 ✓
Total Staff Cost (Basic Services)		\$13,067.52 ✓			
			Basic Services (HBC Engineering Company) \$13,067.52		
			Contract Multiplier 3.00 ✓		
			Subtotal Basic Services \$39,202.56 ✓		
			Total Basic Services: \$39,202.56 ✓		

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME:

CR-A1A/ Ocean Drive from Donald Ross Road to Indiantown Road Pedestrian Flashers

NAME OF PRIME RESPONDENT/BIDDER:

BCC Engineering, LLC

CONTACT PERSON:

Eugenio Ochoa

SOLICITATION OPENING/SUBMITTAL DATE:

September 1, 2020

SOLICITATION/PROJECT/BID No.:

2019739

ADDRESS:

6401 SW 87th Avenue, Suite 200, Miami, Florida 33173

PHONE NO.:

305.670.2350

E-MAIL:

eochoa@bcceng.com

DEPARTMENT:

Engineering and Public Works

PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

		(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
		Non-SBE	M/WBE	SBE	Black	Hispanic	Women	Caucasian	Other
Name, Address and Phone Number			Minority/Women Business	Small Business					(Please Specify)
1.	BCC Engineering, LLC 6401 SW 87th Avenue, Suite 200 Miami, Florida 33173 305-670-2350	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					\$88,346.60
2.	HBC Engineering Company 123 NW 13th Street, Suite 308 Boca Raton, FL 33432 305-232-7932	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$39,202.56				
3.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
4.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
5.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
(Please use additional sheets if necessary)					Total	\$39,202.56			\$88,346.60
Total Bid Price \$		\$127,549.16			Total SBE - M/WBE Participation				
					\$39,202.56/ 30.73%				

I hereby certify that the above information is accurate to the best of my knowledge:

Eugenio Ochoa

Digitally signed by Eugenio Ochoa
Date: 2021.12.13 15:39:14 -05'00'

Signature

Eugenio Ochoa, Vice President

Title

- Note:
1.

The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
2.

Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
3.

Modification of this form is not permitted and will be rejected upon submittal.

EXHIBIT C PAGE 1 OF 2

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: 2019739

SOLICITATION/PROJECT NAME: CR-A1A OCEAN/DRIVE FROM DONALD ROSS ROAD TO INDIANTOWN ROAD PEDESTRIAN FLASHERS

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): 5/15/2019-5/14/2022

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"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native 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	\$34.03	384	x3.00 (multiplier)	\$39,202.56

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: \$39,202.56

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 2 nd /3 rd tier Subcontractor/subconsultant	Price or Percentage:
---	----------------------

BCC Engineering, LLC

Print Name of Prime

By: Eugenio L Ochoa Digitally signed by Eugenio L Ochoa
Date: 2022.01.21 16:54:15 -05'00'

Authorized Signature

Eugenio Ochoa

Print Name

Vice President

Title

Date: 01/21/2022

HBC Engineering Company

Print Name of Subcontractor/subconsultant

ADEBAYO T COKER

By: 2022.01.20 17:51:30 -05'00'

Authorized Signature

Adebayo Coker

Print Name

President

Title

Date: 1/20/2022

CONSULTANT SERVICE AUTHORIZATION NO. 1 HISTORY

CR-A1A/ Ocean Drive from Donald Ross Road to Indiantown Road Pedestrian Flashers					
Project# 2019739					
Authorization	Supplement	Date Approved	Total Amount	SBE Amount	SBE %
BCC	Original CSA	Pending	\$ 127,549.16	\$ 39,202.56	30.73%
Project Totals			\$ 127,549.16	\$ 39,202.56	30.73%

Q

Search

Insured Name

BCC Engineering, LLC (DX00001602)

BCC Engineering, LLC (DX00001602)

Active Records Only

Advance Search

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Notes

History

Deficiencies

Coverages

Requirements

Queue a Call

Add

Help

Video Tutorials

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View

Insured

Insured

Name:

BCC Engineering, LLC

Account Number:

DX00001602

Address:

6401 SW 87th Avenue, Suite200, Miami, FL, 33173

Status:

Currently in Compliance.

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 AddressPhysical Address

Insured:

BCC Engineering, LLC

Address 1:

6401 SW 87th Avenue, Suite200

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:

R2021-0683 Construction Engineering Inspection (CEI)
Annual Services

Safety Form II:

No

Contact Information

Contact Name:

Geoffrey Parker

Misc:

Phone Number:

9543256880

Alt Phone Number:

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 e61 on 09/14/2021.

https://www.ebixcerts.com/EBIXCOI/InsuredManager/ViewInsured.aspx

11/23/2021