RESOLUTION NO. 2023-155

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF COCONUT CREEK, FLORIDA, AUTHORIZING THE CITY MANAGER, OR DESIGNEE, TO EXECUTE A CONSULTING SERVICES WORK AUTHORIZATION WITH CARNAHAN, PROCTOR AND CROSS, INC. TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR THE HILLSBORO BOULEVARD REDEVELOPMENT SHARED-USE PATHWAY AS PART OF THE HILLSBORO CORRIDOR REDEVELOPMENT AREA PHASE 1 PUBLIC IMPROVEMENTS, IN ACCORDANCE WITH RFQ NO. 03-25-20-02, IN THE AMOUNT OF $93,475.00; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, there is a need for the City of Coconut Creek (City) to identify multimodal connectivity opportunities and reduce the City's infrastructure gaps and develop Florida Department of Transportation (FDOT) compliant design plans; and

WHEREAS, there is a desire to address such gaps and improve multimodal connectivity along Hillsboro Boulevard; and

WHEREAS, the City Commission approved Resolution No. 2020-020 on April 23, 2020, in support of the public improvements associated with the Hillsboro Corridor Redevelopment Area; and

WHEREAS, FDOT and Broward County have submitted conceptual support for the local agency to pursue the planning and design of the shared-use pathway along Hillsboro Boulevard from the intersection of Lyons Road to a distance of approximately 3,300-feet to the west (Crescent Circle); and

WHEREAS, the City is seeking to finalize design plans for the Hillsboro Boulevard Redevelopment Shared-Use Pathway as part of the Hillsboro Corridor Redevelopment Area Phase 1 Public Improvements; and

WHEREAS, Carnahan, Proctor and Cross, Inc. (hereinafter "Consultant") is a

qualified firm on the City's General Professional Engineering Services list pursuant to RFQ No. 03-25-20-02, as approved by Resolution No. 2020-196; and

WHEREAS, the Consultant has submitted a proposal (Exhibit A) to provide the requested services in the amount of $93,475.00; and

WHEREAS, staff recommends approval of a consulting services work authorization with the Consultant to provide the aforementioned services associated with the completion of the Hillsboro Boulevard Redevelopment Shared-Use Pathway in the amount of $93,475.00; and

WHEREAS, the City Commission of the City of Coconut Creek finds and determines it to be in the best interest of the City and its residents to approve a consulting services work authorization with Carnahan, Proctor and Cross, Inc. for professional engineering services related to the Hillsboro Boulevard Redevelopment Shared-Use Pathway.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF COCONUT CREEK, FLORIDA:

Section 1: That the foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this resolution. All exhibits attached hereto are incorporated herein and made a specific part of this resolution.

Section 2: That the City Commission has reviewed and hereby approves the attached consulting services work authorization between the City of Coconut Creek and Carnahan, Proctor and Cross, Inc. to provide the necessary professional services to complete the Hillsboro Boulevard Redevelopment Shared-Use Pathway in the amount of $93,475.00.

Section 3: That the City Manager, or designee, is hereby authorized to execute the consulting services work authorization between the City of Coconut Creek and Carnahan, Proctor and Cross, Inc. in the amount of $93,475.00.

Section 4: That if any clause, section, or other part or application of this resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or in application, it shall not affect the validity of the remaining portion or

applications of this resolution.

Section 5: That this resolution shall be in full force and effect immediately upon its adoption.

Adopted this 12th **day of** October**, 2023.**

Joshua Rydell, Mayor

Attest:

Joseph J. Kavanagh, City Clerk

Rydell	Aye
Welch	Aye
Railey	Aye
Brodie	Aye
Wasserman	Aye

CONSULTING SERVICES WORK AUTHORIZATION

DATE: October 12, 2023

CONSULTANT: CARNAHAN, PROCTOR AND CROSS, INC.

WORK AUTHORIZATION NO. 5 FOR CONSULTING SERVICES

This Work Authorization, when executed, shall be incorporated in and become an integral part of the "Agreement between City of Coconut Creek and Carnahan, Proctor and Cross, Inc. for General Professional Engineering Services" dated September 30, 2020.

I. PROJECT DESCRIPTION

The CITY desires to have Carnahan, Proctor and Cross, Inc. ("CONSULTANT"), design in accordance with Florida Department of Transportation (FDOT) standards, the shared use pathway segment along the northside of W. Hillsboro Boulevard between Lyons Road and Cresent Circle.

II. SCOPE OF SERVICES AND COSTS

See Proposal from Carnahan, Proctor and Cross, Inc. attached hereto as Exhibit "A".

III. COMPLETION DATE

This Work Authorization is approved contingent upon the CITY'S acceptance of and satisfaction with the completion of the services rendered with a projected completion date of May 31, 2024 from the date of receipt of authorization from CITY. If the CITY in its sole discretion is unsatisfied with the services provided in the Work Authorization, the CITY may terminate the Agreement without incurring any further liability. The CONSULTANT shall commence work after issuance of the notice to proceed.

IV. NOT A DESIGN-BUILD AGREEMENT

CONSULTANT shall not bid for any construction components associated with this Project.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

CITY OF COCONUT CREEK, FLORIDA

By: _____
Karen M. Brooks, City Manager

ATTEST:

By: _____
Joseph Kavanagh, City Clerk

Approved as to Legal Sufficiency
and Form:

By: _____
Terrill C. Pyburn, City Attorney

CONSULTANT:

Carnahan Proctor Goss Inc

By: _____
Signature of President/Owner

Greg Proctor
Type/Print Name of President/Owner

ATTEST:

_____
(Corporate Secretary)

Greg Proctor
Type/Print Name of Corporate Secretary

(CORPORATE SEAL)

EXHIBIT "A"

Date: 9/20/2023

Michael Righetti.
Senior Project Manager.
City of Coconut Creek.
4800 W. Copans Road.
Coconut Creek, FL 33063.

Ref: Hillsboro Blvd. Re-development – Amendment 3 – Engineering & CEI Services.

Dear Mr.Righetti:

Carnahan Proctor and Cross, Inc. (CPC), is pleased to have this opportunity to submit this proposed scope of services in connection with the Hillsboro Blvd. Re-development Shared Use Pathway (SUP) project to provide:

1. **Engineering Services – Pre-construction, Construction & Post-Construction Phases**
2. **Construction Engineering and Inspection (CEI) Oversight Services**

1. **Engineering Services – Pre-construction, Construction & Post-Construction Phases**

a. CPC to also provide Letter of Recommendation to City Council, that this is a standard SUP construction project, with no high level of complexity. Involved Task: Pre-construction.

b. Provide permit approved construction plans (sign-seal), original design files and engineering specifications, in electronic format to City. Involved Task: Pre-construction.

c. Bidding assistance/documents/packages to bid project. Involved Task: Pre-construction.

d. Attendance at Pre-bid, pre-construction and field meetings, with meeting minutes/action items. Involved Tasks: Pre-construction, Construction.

e. Construction consultation to responding to contractor requests for information (RFI's). Involved Task: Construction.

f. Shop drawing reviews/approval, review of quantities and contractor pay requests. Involved Task: Construction.

g. As-built plans (modify original design files based on ongoing construction) to be included as part of project close out. Involved Tasks: Construction, Post-Construction.

CARNAHAN PROCTOR & CROSS 40 years

Staff Hours/Fee Estimate (See Exhibit A)

Engineering Services – Pre-construction, Construction & Post-Construction Phases

Task 1: Preconstruction Phase Services
This task shall include all services described in the scope of work above, which are necessary prior to construction. This task will begin approximately 30 days before construction commences.
Hourly (NTE).....$8,195.00

Task 2: Construction Phase Services
This task shall include all services described in the scope of work above, which are necessary during construction. This task will begin upon commencement of construction by the contractor and will be for approximately 11 to 15 months.
Hourly (NTE).....$3,300.00

Task 3: Post Construction Phase Services
This task shall include all services described in the scope of work above, which are necessary after substantial completion of construction by the contractor and will be for approximately 30 days.
Hourly (NTE).....$5,140.00

The total length of time is to be approximately 11-15 months and the total hourly (see attached staff hours/fee estimate spreadsheet) fee is not to exceed (NTE) **$45,410.00**

2. **Construction Engineering and Inspection (CEI) Oversight Services - Pre-construction, Construction & Post-Construction Phases**

   a. Prior to letting of the project, provide a pre-bid plan and constructability review of the plans in hand and include any recommendations. Involved Task: Pre-construction.

   b. Construction observation- materials used, certification that contractor's work is in conformance with approved plans, specifications and contract provisions. Involved Task: Construction.

   c. On the basis of on-site observations, guard the City against defects and deficiencies in the work. The Consultant shall not have control over or charge of and should not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work since these are solely the Contractor's responsibility under the contract for construction. The Consultant shall not have control over or in-charge of acts or omissions of the Contractor, subcontractors, or their agents or employees, or of any other persons performing portions of the construction. Involved Tasks: Pre-construction & Construction.

   d. Field testing of new installations – light pole shaft foundations. Involved Task: Construction.

e. Document and advise the City of any omissions, substitutions, defects and deficiencies noted in the work of the Contractor or contract documents and any corrective action taken. Involved Tasks: Pre-construction & Construction.

f. The Consultant shall provide quantity tracking and documentation for the purpose of verifying the Contractor's monthly certified request for payment. Copies of documentation shall be provided to the City with each pay request that is to be recommended for payment. Supporting documentation shall be maintained by the Consultant and turned over to the City at project closeout for necessary record retention. Involved Tasks: Pre-construction, Construction & Post-Construction.

g. The Consultant shall assist the City with surveillance of Contractor's compliance with construction contract requirements. The Consultant will assist in reviewing, monitoring, evaluating, and acting upon documentation required for construction contract compliance and maintaining the appropriate files thereof. Typical areas of compliance responsibility include Davis- Bacon Wage Determinations and related Acts, EEO Affirmative Actions for the prime Contractor and subcontractor, contractor formal training, payroll, and subcontracts. The Consultant shall keep all related documents and correspondence accurate and up to date; attend all compliance reviews and furnish the complete project files for review, and assist the City as requested. Involved Tasks: Pre-construction, Construction & Post-Construction.

h. CEI consultant services shall also include attending any meetings with the City, Broward County or any other jurisdictional agency to resolve any question(s) raised by these agencies. Involved Tasks: Pre-construction, Construction & Post-Construction.

i. From time to time during construction, the Consultant may be requested by the City or its designated representative to review Contractor proposed field changes or to respond with a recommended solution to remedy particular field situations not covered by the plans and specifications. The Consultant shall agree to provide these services if required. Involved Task: Construction.

j. Consultant shall assist the City with the interpretation of the plans, specifications and contract provisions and shall consult with the City when an interpretation involves complex issues or may impact the cost and duration of performing the work. Involved Tasks: Pre-construction & Construction.

k. Prior to any modifications to the construction plans or specifications, Consultant shall assist the City with analyzing proposed changes to the plans, specifications or contract. Involved Tasks: Pre-construction & Construction.

l. Consultant shall assist the City with monitoring the project to the extent necessary to determine whether construction activities violate the requirements of the permits or the contract documents and, if so determined, notify the Contractor of any violations or potential violations and require him to immediately resolve the problem. Involved Task: Construction.

m. The Consultant shall request, receive, review, reject and/or approve product data and test results to be submitted by the Contractor for all pertinent items needed in construction. The Consultant shall request, receive, review, reject and/or pre-approve shop drawings prior to final review and approval by the Engineer of Record. Consultant shall review the submittals to determine satisfactory compliance with the project plans and specifications, noting his approval or stipulations. Consultant shall determine the acceptability, subject to City approval, of substitute materials and equipment proposed by the Contractor and receive and review (for general content as required by the specifications) maintenance operating instructions, schedules, guarantees and certificates of inspection, which are to be assembled by the Contractor forwarded to the City for its use. Involved Tasks: Pre-construction, Construction & Post-Construction.

n. Consultant shall be required to review the bid submittals, attend pre-construction meetings, field visits, jurisdictional agency review or inspections, design-to-construction hand-off meetings or other similar meetings prior to construction commencement. Upon construction commencement, the Consultant shall conduct biweekly progress meetings, field visits, utility inspections, jurisdictional agency review or inspections design-to-construction hand-off or other similar meetings. Also, the Consultant shall certify that the project was constructed substantially in accordance with the contract documents. The consultant will prepare, scan all documents for electronic upload into a system designated by the City. If not, such electronic documents will be provided with easy access from Dropbox, and assist the city as necessary with the process. Involved Tasks: Pre-construction, Construction & Post-Construction.

o. Consultant shall review, verify and recommend for approval or denial all payments and change order requests from the Contractor. Involved Task: Construction.

Duration

The CEI services contract shall include the same schedule as contractor, expect an additional month (30 days) before construction commences to be involved in pre-construction activities. The total duration of the project is estimated to be between 11 months (minimum) and 15 months (maximum) and contingent on procurement of light poles and LED luminaires which could range between 6 months (minimum) to 10 months (maximum). There could be periods of inactivity, waiting on the light poles, LED luminaires, lighting conduits, pull boxes and landscape materials to be delivered. Construction, inspection and punch lists should not exceed 3 months (90 days). FPL power service installation to include service drop and meter would be approximately 1 month. Permitting and submittals thru FDOT and Broward County, could take approximately a month (between 2 to 4 weeks). The CEI services contract shall be linked to the contractor's schedule, and will include a CEI inspector who will be present anytime contractor is performing work in the field.

Staff Hours/Fee Estimate (See Exhibit A)

Construction Engineering and Inspection (CEI) Oversight Services - Pre-construction, Construction & Post-Construction Phases

Task 4: Preconstruction Phase Services
This task shall include all services described in the scope of work above, which are necessary prior to construction. This task will begin approximately 30 days before construction commences.
Hourly (NTE).....$8,330.00

Task 5: Construction Phase Services
This task shall include all services described in the scope of work above, which are necessary during construction. This task will begin upon commencement of construction by the contractor and will be for approximately 11 to 15 months.
Hourly (NTE).....$3,380.00

Task 6: Post Construction Phase Services
This task shall include all services described in the scope of work above, which are necessary after substantial completion of construction by the contractor and will be for approximately 30 days.
Hourly (NTE).....$6,420.00

The total length of time is to be approximately 11-15 months and the total hourly (see attached staff hours/fee estimate spreadsheet) fee is not to exceed (NTE) **$48,065.00**

Grand Total (Engineering & CEI Oversight Services) = $93,475.00

Sincerely,

Mohan Gopalakrishna, PE, PTOE.
Senior Traffic/Transportation Manager.
Government Services
Carnahan Proctor and Cross, Inc.

Carnahan, Proctor and Cross, Inc.
814 S. Military Trail, Deerfield Beach, FL-33442
Tel 954.972.3959 - Fax 954.972.4178

Exhibit A
Staff Hours/Fee Estimate

Project Name: Hillsboro Blvd. Re-development – Amendment 3 – Engineering & CEI Services.

Date: 9/20/2023

POSITION	LOADED HOURLY RATES	TASK 1 PRE-CONSTRUCTION HOURS	TASK 2 CONSTRUCTION HOURS	TASK 3 POST-CONSTRUCTION HOURS	TOTAL STAFF HOURS	TOTAL COST
Principal (PE Registered)	$215.00	4.00	5.00	4.00	13.00	$2,795.00
Sr Engineer (PE Registered)	$180.00	40.00	80.00	32.00	152.00	$27,360.00
Engineer, EI	$135.00	1.00	80.00	32.00	113.00	$15,255.00
Hours Subtotal		**45.00**	**165.00**	**68.00**	**278.00**	
Cost Subtotal (Engineering Services)		**$8,195.00**	**$3,300.00**	**$5,140.00**		**$45,410.00**

POSITION	LOADED HOURLY RATES	TASK 4 PRE-CONSTRUCTION HOURS	TASK 5 CONSTRUCTION HOURS	TASK 6 POST-CONSTRUCTION HOURS	TOTAL STAFF HOURS	TOTAL COST
Principal	$215.00	4.00	5.00	4.00	13.00	$2,795.00
Sr Engineer (PE Registered)	$180.00	40.00	80.00	40.00	160.00	$28,800.00
Engineer, EI	$135.00	2.00	80.00	40.00	122.00	$16,470.00
Hours Subtotal		**46.00**	**165.00**	**84.00**	**295.00**	
Cost Subtotal (CEI Oversight Services)		**$8,330.00**	**$3,380.00**	**$6,420.00**		**$48,065.00**

$93,475.00

Exhibit A

814 S. Military Trail, Deerfield Beach, FL 33442 Tel: 954.972.3959 Fax: 954.972.4178
CIVIL ENGINEERING GEOMATICS/SURVEY CONSTRUCTION SERVICES
www.cpc-eng.com