



LAKE COUNTY ON-CALL TRANSPORTATION AND TRAFFIC ENGINEERING



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SECTION 1

VENDOR PROFILE





STATEMENT OF INTEREST & UNDERSTANDING OF THE PROJECT

September 21, 2021

Bill Ponko, CPPB
Contracting Officer
Office of Procurement Services
315 W Main St., Suite 441
Tavares, FL 32778

RE: ON-CALL, TRANSPORTATION AND TRAFFIC ENGINEERING SERVICES - 21-0940

Dear Mr. Ponko,

One thing that is constant throughout the region is growth. Lake County has an ever-changing landscape as a result of the influx of people and industry in Central Florida. To stay ahead of this growth, Lake County has advertised a Request for Statement of Qualifications (RSQ) to perform ON-CALL, Transportation and Traffic Engineering Services. This contract will help evaluate impacts related to this growth and develop strategies to accommodate it. The goal is to improve the safety and efficiency of the community.

BCC Engineering, LLC (BCC) looks forward to assisting the County in meeting these goals. Our Team is comprised of staff and subconsultants qualified in all pertinent work groups under this contract. Throughout the Sections identified by the RSQ, BCC will demonstrate our Team's qualifications, past performance, and approach to the contract. Below is a brief understanding of the contract requirements, our Team, and how BCC can help the County achieve its goal.

This ON-CALL contract is a task-based contract to provide transportation and traffic engineering services. This will be accomplished by providing the Planning and Traffic Engineering services outlined in section 2 of the Scope. These services involve supporting the County in the review of future development plans, forecasting potential impacts, and providing potential solutions. These efforts will be further supported by performing analyses and designs to provide the appropriate solutions identified in the studies. In addition to performing studies, analysis, and design; the BCC Team could perform reviews of such items created by other firms or developers to support Lake County.

Study related tasks anticipated under this contract range from a minor intersection studies to the review of traffic impacts related to Impact Fees. For example, growth in southern Lake County has resulted in plans to expand CR 455 south. This is the result of plans for future developments and anticipated growth in the area. Lake County works closely with the developers and other interested parties to ensure proper consideration is given to impacts in the region. Anticipating the affects on traffic and the environment allows for better planning. The BCC Team has extensive experience performing such evaluations for multiple clients throughout the state. We look forward to bringing this experience to the County.

Design related tasks anticipated under this contract include intersection improvements and minor widenings that result from studies and signal warrants. These tasks can include converting an intersection to a signalized intersection, adding turn lanes, or improving pedestrian and multi-modal features. Minor design tasks provide great benefit for a small cost. The BCC Team has extensive experience performing such design tasks for multiple Florida Department of Transportation, County, and Municipal clients over the years. Our experience and understanding of a project are more than utilizing standards, it is focusing on the goals to provide a better outcome.



Our Team is led by Jeffrey A. Messenger, PE with over 25 years of experience in the transportation industry. He has worked on and managed over 25 task-based contracts in his career ranging from construction support services, minor design and safety contracts to large task focused contracts. Jeff's ability to multitask is impressive, Jeff managed over 20 active tasks simultaneously. All of these tasks were successful delivered on time and some in as little as one week. As the Contract Manager, Jeff will ensure Lake County has the resources needed to deliver a successful task.



Supporting Jeff will be a Team of experienced staff and support subconsultants. BCC will lead the studies and PD&E efforts and design tasks for roadway, drainage, ITS, lighting, structures, and signals. Geotechnical Services will be provided by NADIC Engineering Services, Inc. (NES) and Geotechnical and Environmental Consultants, Inc. (GEC). GEC will also evaluate contamination when needed. Environmental Science Associates (ESA) will evaluate wetland impact, endangered species and provide permitting support. Survey and Mapping services will be provided by both Goedata Consultants, Inc. (GEO) and ECHO UES, Inc. ECHO will also provide utility coordination and Subsurface Utility Engineering (SUE) services. Miller Legg & Associates, Inc. (MLA) will provide Landscaping services. Caltran Engineering Group, Inc. (CEG) will assist BCC with traffic counts collection.

With our qualifications as highlighted above and outlined within the proposal, BCC is enthusiastic about this contract and sincerely appreciates the opportunity to present our qualifications for your review. We look forward to the opportunity to present our ideas on how BCC can assist Lake County with the challenges it faces and ultimately help make the County roads safer with necessary improvements which will better serve the community. With BCC on your side, getting there just go easier.



Luis Rodriguez, PE
Principal-in-Charge / Senior Vice President



GETTING THERE JUST GOT EASIER™

FIRM PROFILE/FIRM HISTORY

BCC Engineering, LLC was established in 1994 as a Florida firm. Since that time, the firm has diligently worked to meet the needs of our private and public sector clients. BCC specializes in providing planning, design, and construction management services for civil, environmental, structural, site development, traffic engineering, multi-modal transit, complete streets, and highway engineering projects.

The firm's principals and senior engineers bring a wealth of experience having worked on major building, infrastructure, and transportation projects. That experience has led to the company's growth in providing professional services in traditional and alternative delivery methods.

BCC is recognized among the fastest growing engineering firms in the Southeast US - with ten regional offices, and easy accessibility to our clients. An excellent working relationship with our clients and the regulatory agencies has afforded BCC Engineering the opportunity to continuously work on interesting and challenging projects.

Our mission is to make it easier for you to get to project success. And that means three things:

- 1 MORE OPTIONS** - because the willingness to look at things differently leads to cost-, time-, and effort-saving options that others just don't see.
- 2 FEWER SURPRISES** - because you've got specialists on the ground who keep you in the loop and quickly resolve any issues that come up.
- 3 BETTER OUTCOMES** - because you're drawing on the experience of teams who've consistently delivered landmark projects in some of the most challenging regions out there.



GETTING THERE JUST GOT EASIER™

HISTORY

ENGINEERING EXCELLENCE SINCE 1994

OFFICES

ATLANTA
DALLAS
TALLAHASSEE
MIAMI
FORT LAUDERDALE
ORLANDO
TAMPA
PALM BEACH
PANAMA CITY
SAN JUAN, PUERTO RICO

10
LOCATIONS

AWARDS



16 **MAJOR INDUSTRY AWARDS**

DBIA | ASCE | ACEC | FICE | FES | C-AACE

TEAM MEMBERS

105 **PROFESSIONAL ENGINEERS**

TOTAL EMPLOYEES 350

WORK

100+ **MAJOR PROJECTS**

\$6 **BILLION+**
DELIVERED OVER
IN PROJECTS

REQUIRED LICENSE




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Licensee Details

| Licensee Information | |
|----------------------|--|
| Name: | BCC ENGINEERING, LLC (Primary Name) |
| Main Address: | 6401 SW 87TH AVENUE SUITE 200 MIAMI Florida 33173 |
| County: | DADE |
| License Mailing: | |
| LicenseLocation: | |

| License Information | |
|---------------------|-------------------|
| License Type: | Registry |
| Rank: | Registry |
| License Number: | 7184 |
| Status: | Current |
| Licensure Date: | 04/28/1995 |
| Expires: | |

| Special Qualifications | Qualification Effective |
|------------------------|-------------------------|
| | |

Alternate Names

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List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

BCC Engineering, LLC

PROJECT NAME: City of Kissimmee Continuing Services Contract (CSC) (2-renewals)

Agency: City of Kissimmee

Address: 101 Church Street

City, State, Zip code: Kissimmee, FL 34741

Contact Person: Ashley Williams

Title: Project Manager

Email: awillis@kissimmee.org

Telephone: 407-518-2177

Project Cost: \$188,802.60

Contract Start and End Dates: 2021-2024 (Est.)

SCOPE of Project (list tasks, outlines or descriptions of items): . This is a task-based contract that included any design services the City may need. Services provided include minor design and plans reviews

PROJECT NAME: District Wide Quality Assurance Contract (2-renewals)

Agency: FDOT District 5

Address: 719 S Woodland Boulevard

City, State, Zip code: DeLand, FL 32720

Contact Person: James Harkrider

Title: Project Manager

Email: james.harkrider@dot.state.fl.us

Telephone: 386-943-5186

Project Cost: \$1,541,135 (Total for both contracts)

Contract Start and End Dates: 2020-2024 (Est.)

SCOPE of Project (list tasks, outlines or descriptions of items): General Engineering Consultant (GEC) contract to perform Quality Control reviews for FDOT District 5 projects. This contract includes all project types and scales including conventional and design-build projects, widening, reconstruction, site plans and all the support disciplines. Review of both consultant and in-house design projects were performed. To date, we have reviewed nearly 400 projects.

PROJECT NAME: Tampa Bay Regional Transportation Analysis (RTA), Phase XIV and XV

Agency: FDOT District 7

Address: 11201 McKinley Dr.

City, State, Zip code: Tampa, FL 33612

Contact Person: Ken Spitz

Title: Transportation Planning Manager

Email: Kenneth.Spitz@dot.state.fl.us

Telephone: 813-975-6488

Project Cost: \$2,072,389.78

Contract Start and End Dates: 2015-Current

SCOPE of Project (list tasks, outlines or descriptions of items): The purpose of this project will be (1) to improve and validate the Tampa Bay Regional Planning Model (TBRPM) and other travel demand models and forecasting and analysis tool used by District 7 and the District 7 Metropolitan Planning Organizations (MPOs) and local agencies; and (2) to provide modeling assistance and other technical assistance for the update and maintenance of the District 7 Metropolitan Planning Organizations (MPOs)' Long Range Transportation Plans (LRTPs) and for conducting corridor studies, subarea studies and other special transportation analyses for District 7. Project Role: Consultant Project Manager and Senior Modeler.

PROJECT NAME: City of Doral Continuing Services Contract (3 renewals)

Agency: City of Doral

Address: 8401 NW 53rd Terrace

City, State, Zip code: Doral, FL 33166

Contact Person: Rita Carbonell

Title: Project Manager

Email: Rita.Carbonell@cityofdoral.com

Telephone: 305-593-6740

Project Cost: \$1,103,860.58

Contract Start and End Dates: 2015-2017

SCOPE of Project (list tasks, outlines or descriptions of items): NW 112th Avenue and NW 114th Avenue (One-Way Conversion Study) – The scope of the project is to perform a traffic study to analyze the traffic circulation and identify potential improvements for the heavily congested NW 114th Avenue and NW 112th Avenue corridors in the City of Doral. The initial options for improvements were to make them one-way pairs and improvements for the targeted localized intersections. Responsibilities included performing the traffic operations study to determine the level of service for the intersections in the study area for the existing conditions as well for the future design year scenarios. NW 112th Avenue extension study - The main purpose of this evaluation is to assess the potential benefits of connecting NW 112th Avenue from NW 34th Street to NW 41st Street (aka Doral Boulevard) on the system wide improvement in travel times and reduction in delay. A benefit cost analysis was performed to evaluate the economic feasibility of the proposed connection by comparing the monetary user benefits to the dollar investment necessary to bring this improvement about.

PROJECT NAME: SR 9 (I-95) at PGA Boulevard/Central Boulevard Interchange Justification Report (IJR) and Project Development and Environmental (PD&E) Study

Agency: FDOT District 4

Address: 3400 West Commercial Blvd.

City, State, Zip code: Fort Lauderdale, FL 33309

Contact Person: Bing Wang, PE

Title: Project Manager

Email: bing.wang@dot.state.fl.us

Telephone: 954-777-4406

Project Cost: \$1,536,656.81

Contract Start and End Dates: 2013-2017

SCOPE of Project (list tasks, outlines or descriptions of items): This project includes a four-lane limited access highway between west of Cook Road to the Lake County/Orange County line, interchange ramps with proposed CR 455 extension, toll gantries for CR 455 interchange ramps to/from the west, construction of a segment of CR 455 between the interchange ramps and Schofield Road, and bridges for main line over Cook Road and proposed CR 455.