

SECTION 3

PROPOSED SOLUTION



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Unlike Standalone projects, ON-CALL (task-based contracts) have a unique set of challenges. With a task-based contract, you can be assigned a wide range of project types and can receive multiple tasks at one time. To successfully deliver on all tasks, your Team must be diverse and have sufficient depth. The BCC Team provides the diversity needed to perform tasks for all disciplines. Each discipline is lead by individuals that have managed independent task-based contracts in their respective fields. Under each Task Leader is a staff capable of being split into smaller teams allowing them the ability to handling multiple tasks simultaneously. This allows each discipline to manage tasks specific to their field as well as function on larger tasks as a Team.

For example, in our Organizational Chart provided in Section 2 of our response, you will see multiple names in the Roadway / Signing and Pavement Marking box. Each individual in this box is capable of managing their own tasks. This results in us having four separate task leaders. Each task leader can handle at least 2, and possibly more, tasks. This means our Team can handle at least 8 tasks at one time, and this is only counting roadway and signing and pavement marking tasks. This similar approach is applied to each discipline on the chart. Some disciplines have very minor roles, so those groups can often handle even more tasks. This staffing plans provides the depth and versatility an ON-CALL contract needs, and in turn, provides unique benefits to the County for handling even full design services under this contract, when compared to our competitors. This can provide the County with huge savings.

APPROACH TO TASK ASSIGNMENTS

Once a task is received, the BCC Contract Manger, Jeffrey A. Messenger, PE, will review the provided information to determine the appropriate Task Manager. Once assigned, Jeff, the Task Manager, and the Lake County PM will meet to discuss the assignment. This allows us to fully understand the goals and needs of the task.

Once the general scope is identified, the Task Manager will determine the appropriate staff and subs required for the task. For design tasks, the Team will then perform a site visit to better understand the challenges and familiarize themselves with the project. For study related tasks, additional documentation, such as development plans or past studies, will be gathered to aid in refining the scope. After the field visit and/or data collection, the Task Manager will create a refined scope with input from the Team. Once a scope is agreed to, staff hours will be developed for negotiations with the county's Project Manager. Once negotiated, the price proposal is submitted to the County for project funding approval. Upon receiving the Purchase Order (PO), we will begin working on the task immediately.

The first items developed will be the Schedule and QA/QC Plan. These will be submitted to the Project Manager for review and approval. These documents will be the foundation of the efforts moving forward. The data collection process will then begin. For studies, this could be coordination with developers, municipalities, or collecting traffic data. For design tasks, this could be survey, geotechnical investigations, or reviewing as-built plans. Either way, getting the right data in a timely manner is important.

All deliverables will be developed utilizing FDOT and Lake County standards and supplemented with national criteria where applicable. For example, the Florida Design Manual, Florida Greenbook, and AASHTO Greenbook (A policy on Geometric Design) are used in design of roadways in Lake County.

Plans and documents will be submitted at each phase for review and comment by county staff. The comments will be incorporated at each phase and changes coordinated with the reviewers as needed. Once a task is completed, the BCC Team will continue to support the County, whether the next step is design or construction. We can also help with procurement, scoping, and post design activities. We are here to see the task through to completion.

We can also help update the County's Long Range Transportation Planning (LRTP) networks utilizing the following updates with the models. After updating the LRTP networks, we will be able to provide our recommendations to the County to meet their LRTP goals and objectives. At the same time, we can also update and develop effective transportation plans that support the County's policies and objectives. By using the regional models, including the Florida Standard Urban Transportation Model Structure (FSUTMS) travel demand forecasting model and the County's Cost Feasible 20g model, along with Florida Statewide Hurricane Evacuation Model, we will be able to systematically evaluate the future transportation system that needs the required improvements.

In addition to the experience presented in the Reference Form in Attachment 2, we are working on the SR 516 (Lake-Orange connector) project, where we have coordinated with Lake County regarding the new alignment of CR 455. The alignment was set to work with future developments and Lake County standards. Jeff and all our Project Managers have worked on various projects such as this one throughout their career and will bring that experience and knowledge to the Team. Though we are aware that some tasks assigned could also be reviews of other's assignments, all our Team members have worked on review contacts throughout the state and are very well versed in the proper procedures to ensure complete and accurate deliverables to benefit the County with their vital experience.

BCC Engineering, LLC has been dedicated to the idea of developing better alternatives for Florida's infrastructure, and creating successful outcomes for their daily clients. Below is a list of recent recognition and award winning projects:



ENR TOP 500 DESIGN FIRMS

- 2021 - BCC Engineering Ranked #223
- 2020 - BCC Engineering Ranked #201
- 2019 - BCC Engineering Ranked #267
- 2018 - BCC Engineering Ranked #303



BEST FIRM TO WORK FOR

- 2015 - Zweig Group



HOT FIRM AWARD

- 2015 - Zweig Group

TOP 25 ENGINEERING FIRMS

- 2021 - Ranked 3rd - South Florida Business Journal
- 2020 - Ranked 3rd - South Florida Business Journal
- 2019 - Ranked 5th - South Florida Business Journal
- 2018 - Ranked 5th - South Florida Business Journal
- 2017 - Ranked 3rd - South Florida Business Journal
- 2015 - Ranked 6th - South Florida Business Journal

**DOLPHIN STATION PARK-AND-RIDE TRANSIT
TERMINAL FACILITY**

- 2019 - Project of the Year, Category II
Cuban American Association of Civil Engineers (C-AAEC)

**TURNPIKE ENTERPRISE:
SUNTRAX TEST FACILITY IMPROVEMENTS**

- 2019 - ENR Southeast - Best Projects Award
Specialty Construction Category, 2019

PALMETTO SECTION 5

- 2017 - Best Overall Design-Build Project of the Year
Design-Build Institute of America (DBIA) Florida Region

- 2017 - Project of the Year
Cuban American Association of Civil Engineers (C-AAEC)

- 2017 - Engineering Excellence Grand Award
American Council of Engineering Companies (ACEC)

- 2017 - Outstanding Technical Achievement
Florida Engineering Society (FES) Local Chapter

- 2017 - Engineering Excellence
Florida Institute of Consulting Engineers (FICE)

- 2016 - Project of the Year
American Society of Civil Engineers, Florida Section (ASCE)

- 2015 - Bridge Award of Excellence
American Segmental Bridge Institute (ASBI)

FLAGLER STREET BEAUTIFICATION PROJECT

- 2014 - Award of Excellence
American Planning Association

NW 25TH STREET VIADUCT

- 2012 - Best in Construction Award, Major Steel Bridge
Florida Transportation Builders Association

PALMETTO SECTION 2

- 2012 - Design-Build Project of the Year
Design-Build Institute of America, 2012

- 2013 - Project of the Year
American Society of Civil Engineers, Florida Section
American Society of Civil Engineers, Miami-Dade Branch

- 2013 - Outstanding Technical Achievement
Florida Engineering Society

- 2012 - Project Excellence Award
Florida Institute of Consulting Engineers

- 2012 - Best in Construction
Florida Transportation Builders Association