



City of Gainesville, FL
GG_Financial Services: Purchasing & Contracts
Victoria James, Manager
200 East University Ave, Gainesville, FL 32601

[HBC ENGINEERING COMPANY] RESPONSE DOCUMENT REPORT

RFSQ (FTA) No. RTSX-250031-DS

A&E Services for Eastside Bus Transfer Facility (Rebid)

RESPONSE DEADLINE: January 13, 2025 at 3:00 pm

Report Generated: Monday, January 13, 2025

HBC Engineering Company Response

CONTACT INFORMATION

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Submission Date:

Jan 13, 2025 1:43 PM (Eastern Time)

ADDENDA CONFIRMATION

Addendum #1

Confirmed Jan 13, 2025 5:11 PM by Maria Gouveia

Addendum #2

Confirmed Jan 13, 2025 5:11 PM by Maria Gouveia

QUESTIONNAIRE

1. RESPONDENT VERIFICATION*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE AND UPLOAD WITH YOUR SUBMITTAL.

I hereby propose to provide the goods/services requested in this Solicitation. I agree to hold pricing for at least **120** calendar days from the Solicitation due date. I agree that CITY's terms and conditions herein take precedence over any conflicting terms and conditions submitted for CITY's consideration, and agree to abide by all conditions of this Solicitation.

I certify that all information contained in this Response is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to execute and submit this Response on behalf of the organization as its agent and that the organization is ready, willing and able to perform if awarded.

- [RESPONDENT VERIFICATION.pdf](#)

RESPONDENTS_VERIFICATION_FORM.pdf

2. BID RESPONSE*

PLEASE UPLOAD YOUR COMPLETED SUBMITTAL.

CG_RTSX-250031_HBC.pdf

3. DRUG-FREE WORKPLACE CERTIFICATION FORM*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE AND UPLOAD WITH YOUR SUBMITTAL.

Whenever two or more bids which are equal with respect to price, quality and service are received, preference shall be given in the following order: (1) Bidders submitting the attached Drug-Free Workplace form with their bid/proposal certifying they have a drug free workplace in accordance with Section 287.087, Florida Statutes; and (2) coin toss.

- [Drug Free Workplace.pdf](#)

DRUG-FREE_WORKPLACE.pdf

4. e-VERIFY FORM*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE AND UPLOAD WITH YOUR SUBMITTAL.

The Contractor shall comply with all applicable requirements of Section 448.095, Florida Statutes, including but not limited to: 1) the Contractor shall register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the Contractor during the term of this Agreement; and 2) the Contractor shall expressly require any subcontractors performing work or providing services pursuant to this Agreement to likewise register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the subcontractor during the term of this Agreement. Section 448.095, Florida Statutes, states the statute must be construed in a manner that is fully consistent with any applicable federal laws or regulations, and therefore this section does not apply to this Agreement to the extent that this section would be inconsistent with any federal laws or regulations that are applicable to this Agreement.

- [e-Verify Form.pdf](#)

E-VERIFY_CERTIFICATION.pdf

5. PROHIBITION REGARDING FOREIGN COUNTRIES OF CONCERN *

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE AND UPLOAD WITH YOUR SUBMITTAL.

In accordance with Section 287.05701(2)(a), F.S. (2023), the City may not request documentation of or consider a vendor's social, political, or ideological interests when determining if the vendor is a responsible vendor, and may not give preference to a vendor based on the vendor's social, political, or ideological interests.

- [Foreign Countries of Concer...](#)

FOREIGN_COUNTRIES_OF_CONCERN.pdf

6. REFERENCES*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE AND UPLOAD WITH YOUR SUBMITTAL.

- [Respondent References.pdf](#)

REFERENCE_FORM.pdf

7. CERTIFICATION REGARDING DEBARMENT*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

- [Certification Regarding Deb...](#)

CERT_REGARDING_DEBARMENT.pdf

8. CERTIFICATION AND RESTRICTIONS ON LOBBYING*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

- [Certification and Restricti...](#)

CERT_&_RESTRICTIONS_ON_LOBBYING.pdf

9. DISCLOSURE OF LOBBYING ACTIVITIES*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

An instruction page is included with this form. If this form is not applicable to your entity, then mark "N/A", sign, and upload here.

- [Disclosure of Lobbying Acti...](#)

DISCLOSURE_OF_LOBBYING_ACTIVITIES.pdf

10. CONTRACTOR RESPONSIBILITY CERTIFICATION*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

- [Contractor Responsibility C...](#)

CONTRACT_RESPONSIBILITY_CERT.pdf

11. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

Complete, sign and upload with your submittal. Failure to do so will result in automatic disqualification.

- [Prohibition on Certain Tele...](#)

PROHIBITION_ON_TELECOMM.pdf

12. FEDERAL TAX LIABILITY AND RECENT FELONY CONVICTION*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

Complete, sign and upload with your submittal. Failure to do so will result in automatic disqualification.

- [Federal Tax Liability and R...](#)

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13. FEDERALLY FUNDED PURCHASE QUESTIONNAIRE*

PLEASE DOWNLOAD THE BELOW DOCUMENT, COMPLETE, AND UPLOAD WITH YOUR SUBMITTAL.

- [Federally Funded Purchase Q...](#)

FEDERALLY_FUNDED_PURCHASE_QUESTION.pdf

14. NO RESPONSE SURVEY

If you are not bidding, please complete and return the attached form so that we may learn from your comments to improve our solicitations.

- [No Response Survey.pdf](#)

No response submitted



PROCUREMENT DIVISION

RESPONDENT'S VERIFICATION FORM

Legal Name of Corporation, Partnership or Individual (as reported to the IRS): HBC Engineering Company

D/B/A (Doing Business As): _____

Street Address (No PO Boxes): 2700 Westhall Ln, Suite 225, FL, 32751

Federal Identification #: 22-3936061 SunBiz #: P06000082280

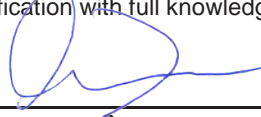
State of Incorporation: Florida

1. **ADDENDA ACKNOWLEDGMENT:** Prior to submitting my offer, I have verified that all addenda issued to date are considered as part of my offer: Addenda received (list all): Addendum #1 & Addendum #2
2. My company is a Small Business Enterprise (SBE) or Service Disabled Veteran Enterprise (SDVE) certified with the [City of Gainesville Department of Equity and Inclusion](#).
☐ YES ☒ NO
3. I further acknowledge that:
☒ Response is in full compliance with the specifications;
☐ Response is in full compliance with the specifications **except** as specifically stated and explained in detail on sheets attached hereto and labeled "Clarifications and Exceptions".

I hereby propose to provide the goods/services requested in this Solicitation. I agree to hold pricing for at least **60** calendar days from the Solicitation due date. I agree that CITY's terms and conditions herein take precedence over any conflicting terms and conditions submitted for CITY's consideration, and agree to abide by all conditions of this Solicitation.

I certify that all information contained in this Response is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to execute and submit this Response on behalf of the organization as its agent and that the organization is ready, willing and able to perform if awarded.

I further certify that this Response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, company or corporation submitting an offer for the same product or service; no officer, employee or agent of CITY owns or will benefit more than 5% from award of this Solicitation; and the undersigned executed this Respondent's Verification with full knowledge and understanding of the matters therein contained.



AUTHORIZED SIGNATURE DATE
Adebayo Coker, PE Principal

PRINT NAME TITLE
(407) 377-5744 (305) 232-7933

TELEPHONE NUMBER FAX NUMBER
acoker@hbcengineeringco.com

E-MAIL ADDRESS

RESPONDENT'S CONTACT
(for additional information)
Juan J. Flores, PhD

NAME
Project Manager and Planner

TITLE
(202)486-5956

PHONE

If Respondent is not an individual, include authorization for the above individual to sign on behalf of the organization



RTSX-250031-DS A&E Services for Eastside Bus Transfer Facility

**City of
Gainesville**

January 13, 2025





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Tab A

Introduction



A. Introduction

Founded in 2006, HBC Engineering Company (HBC) is a Florida-registered engineering consulting firm with a strong regional presence across the state and strategic offices in Orlando and Fort Lauderdale. As a first-time proposer to the City of Gainesville, HBC is eager to use its transportation, civil, structural, and water resources engineering expertise to support the city's infrastructure development goals.

With **over 70 skilled** professionals, HBC delivers comprehensive planning, design, and construction inspection services tailored to meet the complex needs of municipalities, state agencies, and private clients. Our multidisciplinary team includes civil engineers, transportation planners, roadway designers, stormwater management specialists, environmental permitting experts, and CEI (Construction Engineering & Inspection) professionals. We have successfully managed projects across Miami-Dade, Broward, Palm Beach, and Orange counties, collaborating with agencies such as the Florida Department of Transportation (FDOT), Florida's Turnpike Enterprise (FTE), PortMiami, and various local transit authorities.

HBC's core values center around reliability, innovation, and efficiency. We pride ourselves on developing cost-effective solutions, delivering projects on time and within budget, and fostering strong, long-term relationships with our clients. Certified as DBE, MBE, SBE, and MWBE by the State of Florida and other local jurisdictions, HBC is committed to delivering high-quality engineering solutions while contributing to the growth and sustainability of our communities.

Alignment with the City's Vision

HBC Engineering Company shares Gainesville's commitment to preserving its historic charm while advancing sustainable infrastructure that enhances the city's natural beauty and urban livability. Our approach prioritizes environmentally responsible engineering, ensuring that improvements complement rather than compromise the city's unique urban forest, parks, and cultural landmarks. With expertise in stormwater management, sustainable transportation planning, and green infrastructure, we integrate context-sensitive design and low-impact development strategies to support Gainesville's vision of a resilient, multimodal, and vibrant community.





Leveraging our proven expertise in transportation infrastructure, multimodal transit planning, and urban development, HBC is well-positioned to support the Eastside Bus Transfer Facility project and future initiatives. Our client-focused approach, technical excellence, and commitment to sustainability make us a valuable partner in shaping Gainesville's infrastructure for long-term efficiency, resilience, and connectivity.

Resilience & Sustainability Initiatives

HBC is committed to enhancing the City of Gainesville's resilience and sustainability by integrating climate adaptation, flood mitigation, and green infrastructure into every project. Our approach prioritizes low-impact development (LID), permeable pavement solutions, and stormwater management strategies that mitigate flooding and improve environmental sustainability while supporting Gainesville's long-term vision for a more resilient and connected community.

We recognize Gainesville's commitment to equitable access to green spaces and a more climate-resilient urban environment, and our expertise in energy-efficient transit facilities, renewable energy integration, and eco-friendly infrastructure supports these goals. By leveraging resource-efficient, low-impact, and climate-conscious designs, HBC helps shape sustainable infrastructure solutions that preserve the city's natural beauty while fostering economic growth and long-term resilience. The Eastside bus Transfer Facility will be designed to protect Gainesville's environment and enhance livability, connectivity, and the overall quality of life for residents, businesses, and visitors.

HBC Expertise in Transit Facilities

HBC Engineering Company possesses extensive expertise in the design and development of transit facilities following the FDOT Accessing Transit: Design Handbook for Florida Bus Passenger Facilities. Our firm has successfully integrated the handbook's best practices for accessibility, safety, and multimodal connectivity into numerous projects across Florida. We thoroughly understand key design elements, including bus bay configurations, ADA-compliant pedestrian access, wayfinding signage, shelter, amenity placement, and multimodal accommodations such as bicycle parking and micro-mobility integration.



With a proven track record in transit-oriented infrastructure planning, stormwater management, and site circulation design, HBC ensures that all transit facility elements align with FDOT standards, prioritizing passenger safety, operational efficiency, and environmental sustainability. Our experience constructing park-and-ride facilities, bus transfer stations, and multimodal hubs ensures we can seamlessly apply the handbook's design guidelines to create a functional, aesthetically pleasing, community-integrated transit facility. HBC's commitment to sustainable and user-friendly transit solutions makes us an ideal partner for delivering projects that enhance public transportation access while preserving Gainesville's urban landscape and mobility goals.

Traffic Engineering and Operations

HBC brings extensive expertise in Traffic Engineering and Operations, specializing in optimizing traffic flow, integrating Intelligent Transportation Systems (ITS), conducting traffic impact studies, and enhancing transit efficiency. With Gainesville's strong emphasis on multimodal accessibility, HBC is well-equipped to deliver solutions that improve traffic signalization, enhance pedestrian and bicycle safety, and optimize intersection performance. Our experience coordinating traffic control strategies, implementing adaptive signal technologies, and designing transit-priority systems ensures seamless movement for all road users. By balancing vehicle, pedestrian, and transit needs, HBC aligns with Gainesville's vision for a safer, more efficient, multimodal transportation network supporting sustainable urban mobility.

Transit Technology & Innovation

HBC leverages advanced transit solutions to improve service efficiency, passenger experience, and operational performance. Our expertise includes integrating smart fare collection systems, real-time transit information displays, and Transit Signal Priority (TSP) systems to streamline bus operations and reduce delays. We are also experienced in supporting the transition to autonomous and electric transit solutions, aligning with Gainesville's sustainability and future mobility goals. By incorporating cutting-edge transit technology, HBC ensures that public transportation remains efficient, accessible, and environmentally responsible, reinforcing the city's commitment to smart and sustainable urban growth.

Our Readiness to Support Gainesville

We acknowledge and certify that we have thoroughly reviewed and understand the Request for Qualifications (RFQ). We comprehensively understand the scope, nature, and quality of work required and the general requirements and conditions under which services will be provided. Our team is fully prepared to deliver high-quality, innovative, and efficient solutions that align with the City of Gainesville's vision and expectations.



Key Team Member Roles & Org Chart





Tab B

Project Understanding & Approach





Project Understanding & Approach

HBC recognizes the significance of the **RTS Eastside Transfer Station** as a key component of the broader **Eastside Health & Economic Development Initiative (EHEDI)**. This long-term development effort has involved years of coordination among the City of Gainesville, UF Health, Alachua County, and other stakeholders, shaping a master plan that integrates essential services, including a UF Clinic, UF Dental, a grocery store, retail, apartments, a fire station, and the proposed **RTS facility**.

The RTS Eastside Transfer Station, planned for Lot 3 of the EHEDI Master Plan, will feature essential transit amenities such as a passenger waiting area, ticketing room, public and employee restrooms, bus bays, canopies, and a community meeting space. Strategically positioned, this facility will enhance mobility, providing a seamless and efficient transit hub for residents.

In parallel with this project, the larger EHEDI infrastructure initiative—valued at \$4.4 million—is bringing significant roadway and utility improvements to the area. This initiative includes the construction of north-south and east-west public roadways, complete with stormwater management systems, pedestrian and bicycle facilities, and utility services to support future development. Additionally, on Lot 1, UF Health is advancing a \$5.7 million clinic, made possible in part by \$2.25 million in City and County grants as part of COVID-19 relief efforts.

The RTS Eastside Transfer Station is a critical addition to this regional transformation, designed to streamline transit operations and improve connectivity. By integrating multiple transit systems and technologies, the station will provide seamless transfers between modes, real-time travel information, and enhanced service coordination. These improvements will make transit more efficient, accessible, and convenient, ultimately **boosting ridership and optimizing transportation resources for the City of Gainesville and surrounding communities**.

Our Approach

The design and construction documents for this project will meet both the City of Gainesville's and FTA's requirements, including guidelines for art in public places. Our plans preparation and management processes will ensure compliance with all applicable requirements. Having worked with similar RTS Bus Transfer projects with RTS where FTA was heavily involved, our team is intimately familiar with these requirements and documentation that will be required along the way.

HBC Team Is Uniquely Familiar with the Project

We are confident that the HBC team offers the qualifications and capabilities to best provide services for the City of Gainesville Regional Transit System. We have national experience working on similar engineering and design services for transit bus facilities which include both the Central and South transit regions of Florida. We can readily offer a dedicated project team, experienced with similar transit/modal projects that are supported by the necessary resources. Key factors of our proposal include:

Interoperability Bus Transit

HBC has a depth and long history of experience with transit facility construction and renovation projects. Our firm understands the needs of transit agencies for its passengers. On day one our firm will learn the changing needs of the RTS and seek all solutions to seamlessly transfer between different transit modes (bus, train, bike share).

User and Customer Benefits

HBC will provide comprehensive transportation solutions that are able to resolve interoperability issues amongst all various stakeholders will increase transportation efficiencies, reduce costs, support dynamic data exchange, improve safety and provide real-time information to all.

Schedule

HBC will work with the City of Gainesville to identify the most critical tasks in the project that cannot be delayed without impacting on the overall project timeline. Including dependencies between tasks, key milestones, and estimated durations, allowing for visualization of the entire project timeline.

Budget

Our team is also prepared to assist the City of Gainesville in navigating the state/federal grant opportunities that are available for the project. We have worked with other transit agencies to scope and infinity millions of dollars in grants opportunities including related economic agencies.

Team Expertise

Experienced and qualified staff of engineers, planners, architects and design professionals in each design discipline. In addition, we have the capacity to pull





resources from our two regional offices in Central and South Florida which over the past several years has developed a best-in-class portfolio transit projects across the state of Florida.

QA/QC

HBC's record of performing and developing high quality processes (Quality Assurances/Quality Control) for on time and schedule delivery within budget is demonstrated by our client performance evaluations with state transportation agencies like (FDOT) and Federal partners (U.S.DOT).

Experience and Project Coordination

HBC's ITS design team brings experience from a range of similar projects, including the integration of ITS systems for Park-and-Ride facilities in Homestead, FL, as part of the Bus Rapid Transit (BRT) initiative. Our team successfully implemented ITS solutions that provided real-time vehicle tracking, fare collection, and communication between transit vehicles and stations.

HBC's ITS design will focus on integrating modern, reliable communication systems, optimizing fare collection mechanisms, and ensuring that all components work together to enhance operational efficiency and passenger convenience. The ITS infrastructure will support real-time data management, improve service delivery, and create a safe and user-friendly environment at the RTS Transit Station Facility and Park-and-Ride Lot.

Our key strategic team members are both local and across the state understanding the unique phases of this RTS design or site development:

Juan Flores, PhD, MBA | HBC Engineering Company | DBE/SBE

Juan Flores, PhD, of HBC Engineering will serve as the Project Manager, responsible for all final deliverables and acting as the primary liaison between the City and its local and federal stakeholders. He has over 20 years of experience in transit and transportation modal planning. During his tenure at the FDOT Central Office, he led the Modal Office, which oversaw the statewide Public Transit Office, working closely with key transit agencies, including those in Jacksonville, Hillsborough, Broward, and Miami.

Ryan Chewning, PE, CxA, LEED AP BD+C | H2Engineering, Inc. | SBE

Ryan Chewning, PE of H2 Engineering (on this team), is leading our mechanical/HVAC for the EHEDI site where the project will be constructed.

Michael Richmond, AIA | Brame Heck Architects, Inc.

Michael Richmond, AIA, of Brame Heck, Principal and Architect (on this team), understands the early design phases, where they created the initial design concept and construction phasing plan for the Transfer Station including the building, bus canopies, bus bays, parking, site and passenger amenities. He also oversaw the identification of grant opportunities for the project.

Kenneth Hill, PE | GSE Engineering & Consulting, Inc.

Kenneth Hill, PE, of GSE Engineering (on this team), will conduct the geotechnical reports for the site.

Clay Sweger, AICP, LEED AP | EDA Consultants, Inc. | DBE/SBE

Clay Sweger, AICP, of EDA (on this team), will be leading our public outreach, permitting, and environmental.

Meeting City & Federal Transit Authority (FTA) Requirements

Within the RFQ, the City and RTS indicated that the project must meet City and FTA requirements, including arts in public places guidelines. The RFQ also referenced changes due to the enactment of the Fixing America's Surface Transportation Act (FAST Act), P.L. 114-94, in FY 2016, in which Congress established a new prohibition on the use of FTA funds for "incremental costs of incorporating art or non-functional landscaping into facilities, including the costs of an artist on the design team." (49 U.S.C. 5323(h)(2) as amended by FAST.) The HBC team has a thorough understanding of the FDOT transit policies and has worked with FTA on several winning grant applications.

FTA requirements for RTS Bus Transfer Station

Public Safety facilities & sites (such as this RTS Eastside Transfer Station) must be designed to meet unique standards and legal requirements. In addition, this project will need to meet unique FTA guidelines. This HBC team not only has technical expertise but has worked on thousands of modal projects including freight & passenger rail, Bus Rapid Transit (BRT) systems providing faster, more efficient and more reliable service to its community while understanding the needs of the public.



TECHNICAL

Technology/Intelligent Transportation Systems

ITS Design for the RTS Transit Station Facility and Park-and-Ride Lot

The RTS Transit Station Facility and Park-and-Ride Lot, located at the intersection of SE Hawthorne Road and SE 24th Street in Gainesville, FL, will be equipped with state-of-the-art Intelligent Transportation Systems (ITS) to enhance operational efficiency, safety, and passenger experience. This ITS installation will support the integration of transit operations, fare collection systems, and communications infrastructure, ensuring smooth and seamless coordination across various transportation modes.

The facility will feature:

- Six bus bays
- Passenger waiting area and amenities
- A micro-transit service area
- Park-and-ride facility with at least fifty standard automobile spaces, five motorcycle spaces, micro-mobility zones, and bicycle parking

The ITS design will be developed in accordance with local, state, and agency standards, ensuring interoperability with existing transportation systems and promoting future-proof connectivity.

Design Compliance and Scope



The ITS design will meet the current FDOT and City of Gainesville transportation standards, integrating with the Agency's existing communications protocols. Key ITS system components will be designed to enhance facility functionality and user experience, including but not limited to communications infrastructure, fare collection, and data management.

Key ITS System Components

Communications Layout

The ITS communications infrastructure will follow the current Agency standard components. The design will include the layout of site communications, ensuring reliable and efficient connections across the facility. The system will use the Agency's communications protocol for seamless integration and data exchange between components, including the bus bays, transit information systems, and the fare collection system.

- **Network Infrastructure:** High-speed communication pathways, including fiber optics and wireless technologies, will be implemented to ensure data transmission reliability across all systems.
- **Data Collection and Management:** Data from various ITS systems (such as vehicle arrival times, occupancy data, and fare collection) will be gathered and managed centrally, allowing for real-time monitoring and operational decision-making.

Fare Collection System

The design will include the location of fare collection equipment, ensuring the system supports efficient ticketing and fare processing. The conduit and connections required for the fare collection equipment will be identified, with routes planned to ensure minimal disruption and compliance with safety standards.

- **Fare Collection Equipment:** Automated ticketing kiosks, card readers, and mobile payment options will be integrated into the system. These will be strategically located to facilitate smooth passenger flow while ensuring clear signage and accessibility.
- **Conduit and Connections:** Necessary conduit and wiring paths will be designed to connect the fare collection equipment to the central system. These connections will be built to meet the Agency's standards for reliability and security.

Security and Operational Integration

- **System Integration:** All ITS components will be integrated with other transportation management systems, allowing for real-time communication between buses, stations, and central operations. This will optimize route planning, passenger flow, and service delivery.
- **Traffic Signal Integration:** The design will ensure coordination with traffic signals on adjacent roadways, incorporating adaptive signal control where applicable. This will improve bus travel times and reduce delays at key intersections.

Traffic, BikePed, Signing & Pavement Markings (S&PM), Wayfinding

Markings



HBC's signing and marking design for the Eastside Bus Transfer Facility will adhere strictly to the most current and relevant standards. Our team will ensure full compliance with the Florida Greenbook, the Manual on Uniform Traffic Control Devices (MUTCD), the City of Gainesville's Transportation Master Plan, the Alachua County Standards, and the ADA Standards for Accessible Design throughout the development and implementation phases of the project.

Understanding the multimodal needs of the Eastside Bus Transfer Facility, HBC's design will enhance safe and efficient transitions between different modes of transportation within and around the facility. **Crosswalk markings will be strategically placed at key locations:**

- **Pedestrian Crossings:** Crosswalks will be designed to facilitate safe movement between the park-and-ride area, the drop-off and pick-up zones, the Bus Rapid Transit (BRT) service areas, and the local bus service platforms. A particular emphasis will be placed on the realignment of crosswalks to optimize safety and accessibility.
- **Bicycle and Pedestrian Crossings:** Markings will be implemented at the BRT southbound exit to accommodate bicyclists crossing from the at-grade bike path toward the BRT service area, local bus platforms, or continuing along the proposed multimodal path connecting to the regional trail network.
- **Internal Pedestrian Circulation:** Crosswalks will be provided within the local bus platform area to ensure a seamless connection between pedestrian zones and bus bays, supporting safe internal circulation within the facility.

All proposed crosswalks will be a minimum of 10 feet wide and will incorporate high-visibility pavement markings. ADA-compliant ramps and accessible parking spaces will also be included at the designated drop-off and pick-up areas to ensure the facility meets accessibility requirements.

In the park-and-ride zone, HBC will design and implement new parking space striping, identification numbers, and circulation markings to enhance user navigation within the lot. Standard parking spaces will measure at least 9 feet by 18 feet, while accessible spaces will be a minimum of 12 feet wide with adjacent access aisles, fully compliant with FDOT and ADA standards.

Pavement markings at the BRT station will guide bus operators to their designated stopping points. Chevron marking areas, 34 feet in length, will serve as separation buffers between bus bays, allowing independent arrival and departure of buses.

At the southbound approach to Hawthorne Road (SR 20), a dedicated bus transit lane will be introduced. This lane will feature proper pavement markings, messages, and retroreflective red-colored pavement markings to emphasize its restricted use for bus transit services only.

Signage

HBC's team conducted a comprehensive field inventory of the Eastside Bus Transfer Facility site. All existing sign assemblies impacted by the project will be upgraded or replaced to meet the latest MUTCD, Florida Greenbook and City of Gainesville standards. Vandalized or defaced sign panels, as well as those requiring relocation or removal, will be addressed to comply with the project's RFP requirements.

Our design will include the installation of new or retrofitted sign supports and detailed installation plans for non-standard signage. Signage will be strategically placed to guide commuters within the park-and-ride zone, clearly indicating circulation patterns and parking designations.

Site-Specific Wayfinding Signage

Both inside and outside of the structures, site-specific wayfinding signage will be incorporated to enhance navigability throughout the facility. This signage will be clearly visible and intuitive, guiding pedestrians, cyclists, and transit users to key areas such as parking, pick-up/drop-off zones, BRT service areas, and internal circulation pathways.

MUTCD-compliant signs identifying electric vehicle (EV) charging stations will be incorporated, and EVSE-ready spaces will be clearly marked in the plans. The signing plan will also address multimodal users, providing clear wayfinding and directional signage to ensure a cohesive and intuitive user experience throughout the facility.

Signage and Pavement Marking Layout

Signage and pavement marking plans will be developed for the site and the adjacent street network, encompassing the proposed site layout, intersection and signal modifications, bus pull-offs, and driveway modifications to the site. This layout will integrate seamlessly with the surrounding infrastructure, ensuring that all signage and markings serve to enhance the flow of traffic and pedestrians while improving safety and efficiency.

HBC's signing and marking design will prioritize safety, accessibility, and functionality, meeting the highest standards and ensuring the Eastside Bus Transfer Facility serves as a model of efficient multimodal transportation design.

Traffic Engineering and Signalization Design

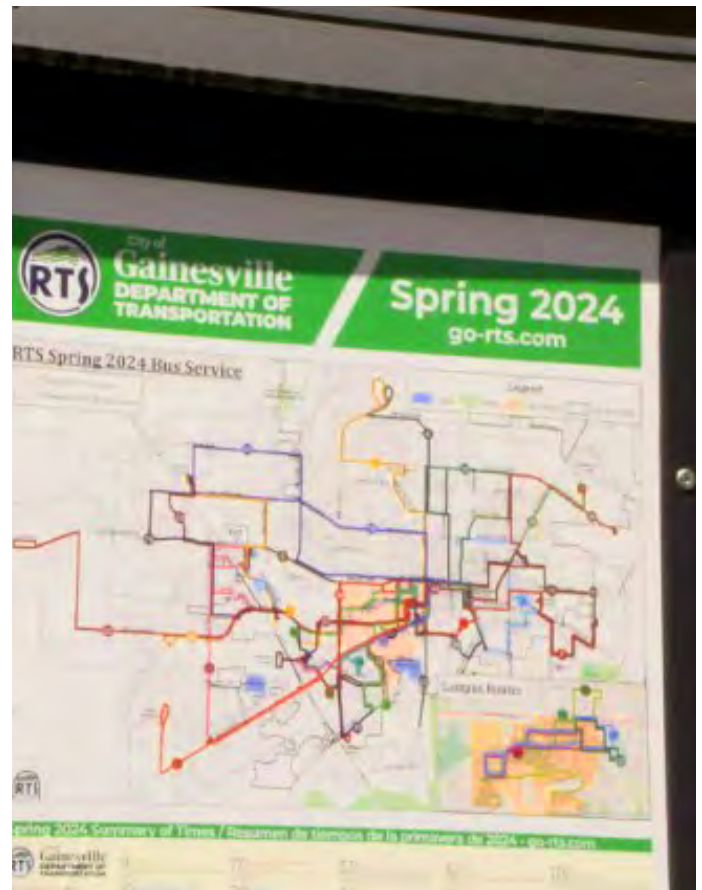
HBC's traffic engineering and signalization design for the Eastside Bus Transfer Facility aims to ensure safety, efficiency, and seamless multimodal operations. Our approach includes a comprehensive evaluation of traffic, pedestrian, and bicycle safety to identify and mitigate potential hazards around the facility.

Safety and Operations Review



A comprehensive traffic, pedestrian, and bicycle safety review will be conducted to identify potential hazards around the facility. This analysis will also include a bus turning radius evaluation to ensure that transit vehicles can maneuver safely both within the site and at nearby intersections.

Leveraging our previous experience with multimodal safety studies, such as the SMART MDC BERT Northeast Corridor project, HBC has developed a



crash data reconciliation process to enhance our safety evaluation. **We will apply a successful analysis process that includes the following steps:**

Crash Data: We will gather the most recent five years of crash data from the Signal Four Analytics (S4A) database.

Data Processing: We will filter out crashes that occurred outside the study limits and correct any misclassified crash types and severities using police reports.

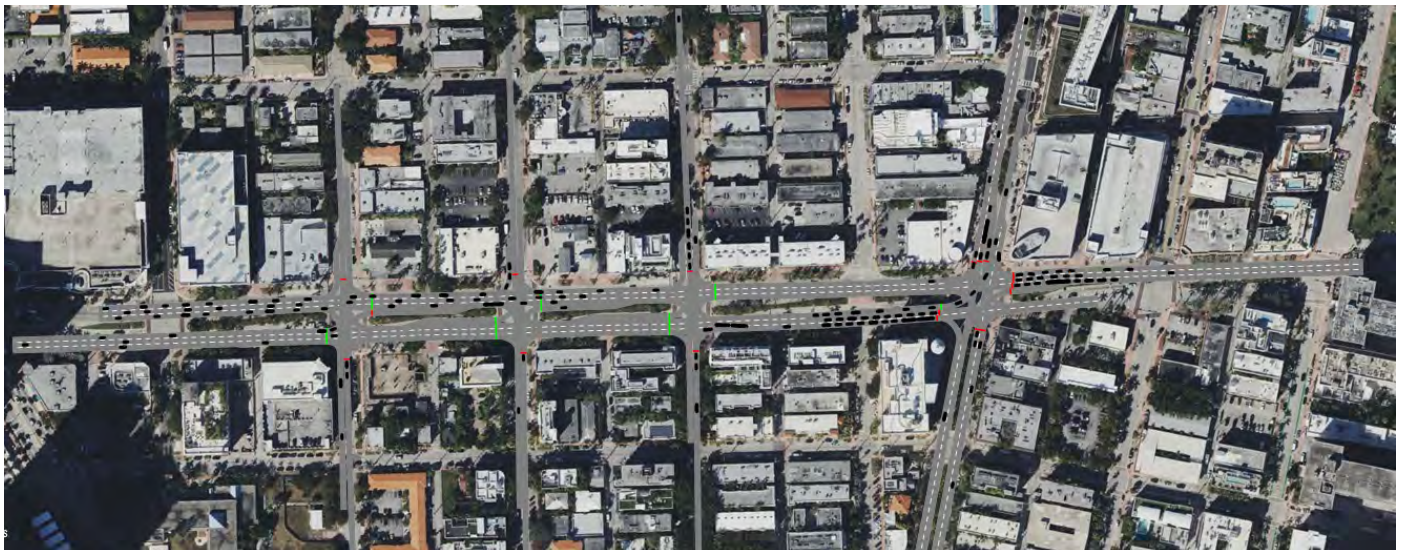
Crash Analysis: HBC will utilize a customized spreadsheet to analyze the S4A data, producing crash statistics and summary reports to identify any abnormal crash patterns.

Recommendations: Based on this analysis, we will develop both short-term and long-term safety improvements informed by our understanding of the City's Target's Zero initiatives, Crash Modification Factor (CMF), Highway Safety Manual (HSM), and other feasibility studies, including Benefit/Cost analyses. We will also incorporate priorities from the Florida Strategic Highway Safety Plan (FSHSP).

In addition to the crash data analysis, we will evaluate various safety factors, including incidents, vehicular traffic, transit operations, posted vehicle speed, pedestrian and bicycle flow, the number of school buses, and the presence of existing warning devices. This holistic analysis will help identify areas for improvement and ensure safe multimodal operations at the facility.

Our team will participate in multidisciplinary field reviews with subject matter experts to gain further insights into potential hazards and refine our recommendations. All findings and equipment upgrade suggestions will be documented in a final report that will be evaluated for implementation as a project.

Traffic Studies and Simulations



HBC integrates advanced data collection tools and methodologies to ensure comprehensive traffic analysis and effective safety improvements. Our team uses a range of tools, including road tube counters, MioVision Scout units, radar speed guns, and drones, to gather critical traffic data. Notably, HBC has conducted 24-hour traffic counts at 57 highway-rail grade crossings on the South Florida Rail Corridor (SFRC), supporting the FDOT D4 DW Rail Consultant Data Collection. Additionally, for the Strategic Miami Area Rapid Transit (SMART) Northeast Corridor CatEx Project, we collected extensive data across 76 intersections in Miami-Dade County, including 72-hour volume counts, queuing data, travel times, and speed data.

To enhance our traffic studies, we employ innovative data collection techniques. One key method is our AI-powered platform, which detects near misses and potential safety incidents, including vehicle-to-rail collisions, by analyzing Post Encroachment Time and Time to Collision. This platform seamlessly integrates with other traffic data and automates near-miss detection through AI video analysis, significantly improving the efficiency and accuracy of safety evaluations.

Traffic Signal Evaluation and Recommendations

Although the project does not involve new signal designs, HBC will evaluate the performance of existing traffic signals and provide recommendations for adjustments in signal timing and phasing to accommodate new traffic patterns. This may include refinements to signal timing plans to improve traffic flow for vehicles, pedestrians, and cyclists.

Operational Analyses Using Microsimulation Models

Microsimulation models such as Synchro/SimTraffic, VISSIM, and VISUM will be used to assess the adequacy of geometrics, detour routes, and system functionality under various proposed designs. These models will be calibrated with field data to accurately reflect current conditions and forecast future conditions, ensuring optimal performance and identifying potential improvements. Level of Service (LOS) analyses based on the Highway Capacity Manual methodology will guide recommendations for geometric improvements and any other necessary changes.

Proactive Countermeasures for Safety

To improve safety and operations, HBC will recommend additional proactive measures, including enhanced traffic control features like high-visibility pedestrian crossings and ADA-compliant ramps. We will also review and upgrade bicycle facilities to ensure seamless connectivity for cyclists. This review will consider pedestrian and bicycle interactions with traffic and ensure compliance with Florida Standards, MUTCD, the City of Gainesville and Alachua County standards.

Durability and Cost-Effectiveness

To minimize operating and maintenance costs, HBC's design will prioritize durability and efficiency. Pavement markings, signage, and other traffic control elements will be selected for long-term functionality and minimal upkeep.

HBC's approach integrates detailed data collection, advanced simulation techniques, and a commitment to safety and efficiency. By optimizing existing infrastructure, employing cost-effective designs, and integrating best practices, the Eastside Bus Transfer Facility will foster safe, efficient, and multimodal transportation in Gainesville, while minimizing long-term operational costs.

Multimodal Transit & Land Use Integration with the City, County and State Level



The HBC team is dedicated to advancing multimodal initiatives by integrating bicycle and pedestrian infrastructure with City, County and MPTO in coordination with the North Central Florida Regional Planning Council, ensuring alignment with Context Classification to streamline reviews and enhance data-sharing processes. Our approach emphasizes enhancing accessibility, safety, and mobility for non-motorized users by incorporating bike-ped infrastructure throughout the planning, design, and evaluation phases, promoting sustainability, equity, and active transportation.

Our team has conducted numerous traffic operations and simulation modeling studies for all types of multimodal transportation projects involving rail and transit operations, including testing design alternatives to project long-range needs for rail scheduling, signal operations, preemption, and lane configurations, and evaluation of operations and safety Measures of Effectiveness using the most up-to-date software including VISSIM, SSAM, Synchro, and Visum. All the simulation procedures, calibration, and validation comply with standards.

By leading efforts in Context Classification and Target Speed analysis, we provide actionable insights for the Typical Section for the Eastside Bus Transfer Facility that align with Alachua County's priorities and the Florida Complete Streets principles. We use tools such as the Highway Safety Manual (HSM) to conduct quantitative safety analyses, assessing crash risks and performance impacts on cyclists and pedestrians, ensuring ADA compliance, and addressing gaps in the multimodal network. These initiatives foster connectivity, improve active transportation access, and contribute to broader goals like the Target Zero initiatives, resulting in more inclusive and sustainable transportation systems.

Our team is well-equipped to support the city of Gainesville in implementing its multimodal transportation and land use integration strategy. With extensive experience in multimodal and policy planning, Adebayo Coker (HBC) will lead transit-related initiatives. Adebayo, with over 32 years of experience and a proven track record as a former FDOT D6 PD&E Project Manager, specializes in transit-supportive infrastructure and policies, demonstrating the capability to advance sustainable mobility solutions across multiple transit corridors.



We will align the city's needs with Alachua County's vision to reduce Vehicle Miles Traveled (VMT) and greenhouse gas emissions per capita by enhancing mobility options and supporting transit-oriented development. **Our approach includes:**

Multimodal Transportation Mitigation Strategies: Implementing an alternative concurrency management system, allowing new developments to meet transportation requirements through dedicated multimodal contributions.

Data-Driven Safety Enhancements: Using the Highway Safety Manual (HSM) predictive crash analysis to assess safety improvements and recommend effective countermeasures. We also utilize the Empirical Bayesian (EB) Method, integrating historical crash data with predictive modeling for more accurate crash rate assessments.

Sustainable Growth Planning: Supporting the development of a financially feasible multimodal infrastructure plan to meet future transportation demand efficiently within the Urban Cluster Boundary, ensuring fiscal and environmental responsibility.

Relevant Experience

- **FDOT D4** DW Rail Consultant Data Collection (CA554)
- **FDOT D4** DW Ped/Bike Data Collection (CAB33)
- **FDOT D4** SR 817/University Drive (CAI67)
- **Miami-Dade County** Beach Corridor PD&E (CIP142; TWO WO_B_011.R0)
- **Miami-Dade County** Smart Plan Bus Express Rapid Transit BERT Network Implementation (CIP142; WO-B-019.R1)
- **Miami-Dade County** NE Corridor FTA CatEx
- **Miami-Dade County** Metrorail Roadway Signs (CIP201-DTPW21-DB)
- **Palm Beach County** George Bush Boulevard Bridge over the ICWW Bridge Replacement PD&E
- **FDOT D6** SR-907/Alton Road from 5th Street to Michigan Avenue PD&E
- **FDOT D6** Okeechobee Road Transportation Management Plan (C9R91)
- **FDOT D6** Hialeah Freight Mobility Plan (CA200)



Roadway Design Approach

Our design for the proposed Eastside Bus Transfer Facility for the City of Gainesville's Regional Transit System (RTS), located at SE Hawthorne Rd and SE 8th Ave, will fully comply with the City of Gainesville's Engineering Design and Construction Manual (COG EDCM) as well as Federal Transit Administration (FTA) requirements and guidelines. The site is located at the southwest corner (SWC) of the intersection within City of Gainesville owner parcel, on parcel ID 11340-001. Within this lot there are existing businesses like Merieux NutriSciences and Gainesville Technology Entrepreneurship Center with parking lot. One of the key components to achieve a successful project is to have extensive coordination with the local neighboring business which will be conducted earlier and continuously throughout the life of the project.

Our meticulous management process ensures that all plans and documents comply fully with these standards. In developing our design, we focused on key considerations, including:

- Right-of-Way Requirements
- Site Access
- Existing Features
- Surrounding Businesses
- Vehicle and Pedestrian Circulation
- ADA Compliance
- Aesthetic and Functional Design
- Utility Coordination

Our proposed design for the Eastside Bus Transfer Facility ensures a durable and efficient concrete transfer area for all bus access and connection points. Since the site is exclusively designated for RTS buses, the expected ESAL (Equivalent Single Axle Load) values are relatively low, allowing for the use of a minimum rigid pavement thickness. The proposed pavement design includes 8" of rigid JPCP (Jointed Plain Concrete Pavement), 4" of asphalt base (B-12.5 only), and Type B stabilization, ensuring long-term durability and performance. We recommend using colored pattern pavement to identify the transit only areas and routes to distinguish where bus only areas are allowed. The park and ride lot will be a continuation of the existing parking lot with separate dedicated areas for riders, transit employees and for local business employees.

To optimize functionality, we will use AutoTURN software to simulate and analyze the turning movements of the City's 62' articulated transit buses. This includes assessing the entrance access points, turning radii, and exit locations. Each sawtooth bus bay will be analyzed to confirm that articulated buses can easily enter and exit from any bay as needed. Additionally, bus bays will be spaced a minimum of 34' apart, allowing for the independent arrival and departure of articulated buses, ensuring seamless operations and minimizing delays.

The proposed pavement design for the parking area will adhere to the City of Gainesville's Engineering Design and Construction Manual (COG EDCM) minimum pavement thickness standards, as outlined in the FDOT Flexible Pavement Manual (FPM). According to the FPM, the proposed pavement structure for the parking area includes 1 inch of structural course, an optional



base group 1 (4 inches of Limerock, LBR 100), and Type B stabilization. A friction course layer is not required due to the expected low traffic volume (<3,000 vehicles per day) and low ESALs, as transit vehicles will not typically use this area. Our proposed design for the Eastside Bus Transfer Facility includes an asphalt park-and-ride lot with at least 50 standard parking spaces, a minimum of 5 motorcycle spaces, and U-shaped bike rack parking areas, all in compliance with the COG EDCM. The lot will also provide 3 accessible (ADA) parking spaces and an ADA-compliant micro-transit loading/service area, meeting the requirements of the Americans with Disabilities Act (ADA) Standards for Transportation Facilities (adopted by USDOT in 2006) and the 2024 COG ADA Complementary Paratransit Service Guide. A clear, direct, and accessible pedestrian route with wayfinding signage will connect the parking area to the transit loading zone. To enhance safety in locations where pedestrians must cross traffic, we recommend implementing raised crosswalks, supported by appropriate signage and markings, to encourage vehicles to slow down and stop for pedestrians. These measures ensure a safer and more user-friendly parking facility.



Signage will be key to distinguishing the different areas and the allowable parking spots. Covered bicycle parking areas will be provided on site near the transit station where riders can park and hop on the bus. For all alternatives, transit station's bus bays will be connected to the existing sidewalk on site, along park and ride lot and along SE 8th Ave.

- **The alternative with the least impact** to surrounding features is to have the access point at the existing driveway at SE 8th Ave and SE 22nd St. Having the access point at this location allows for the utilization of the signalized intersection at SW Hawthorne and SE 8th Ave to allow transit buses to both enter and exit the new facility from forth the east and the west. Having two separate driveway access points for buses and for the park and ride lot to avoid congestion.
- **A secondary alternative** would involve repurposing a portion of the existing parking lot. This alternative would have the entrance access point along SE Hawthorne Rd while keeping the exit point along SE 8th Ave. This alternative can be further enhanced by reconstructing and relocating the driveway and parking for the 24 spots closest to SE Hawthorne to allow for a direct unobtrusive route for transit.
- **A third alternative** involves creating a transit only driveway west of the exiting driveway with a roadway west of the pond. This alternative would also require the need of modifying the existing auxiliary lane at SE 21st St. to allow for left turns from SE Hawthorne Rd. This alternative would create the most impact on existing trees with the least on the existing car park but would allow for an uninterrupted transit route from SR 20 to station back to SR 20.

Since the project will not impact SE Hawthorne or SE 8th Ave or the adjacent properties, road closures and typical temporary traffic control plans will not be needed. The surrounding pedestrian facilities will be shielded from work zones with pedestrian LCDs with silt fences around the property to protect any runoff from leaving the site and turbidity barrier for the existing pond to protect from runoff from the site.

Since the project will not impact SE Hawthorne Road, SE 8th Avenue, or adjacent properties, road closures and typical temporary traffic control plans will not be necessary. Surrounding pedestrian facilities will be shielded from the work zones using pedestrian LCDs, ensuring safe and unobstructed pathways. To prevent runoff from leaving the site, silt fences will be installed around the property. Additionally, a turbidity barrier will be deployed in the existing pond to protect it from potential site runoff, ensuring compliance with environmental protection standards.



Structural Engineering Services at Eastside Bus Transfer Facility

HBC Engineering's technical approach for the structural engineering of the Eastside Bus Transfer Facility focuses on delivering a design that is efficient, cost-effective, and aligned with the highest industry standards. Our experienced team of structural engineers will leverage cutting-edge software tools, deep technical knowledge, and an unwavering commitment to quality to ensure a successful project outcome. Our approach emphasizes innovation, cost savings, and long-term maintainability.

Our structural design will strictly adhere to the most current codes and standards, including the AASHTO LRFD Bridge Design Specifications, FDOT Structures Manual, FDOT Standard Specifications, and the Florida Building Code (FBC). Our team will also ensure compliance with the 2023 FDOT Accessing Transit Design Handbook for Florida Bus Passenger Facilities. By using these standards, we guarantee the highest levels of safety, durability, and regulatory compliance.

To execute this work efficiently, our engineers will employ a suite of advanced structural analysis and design software. Our design process will be driven by FDOT's proprietary software tools, including FDOT's Cantilever Overhead Sign Software, along with other industry-standard software such as ENERCALC for foundation, Mathcad for engineering calculations, and SAP2000 for advanced finite element analysis. This combination of software allows for robust, precise, and efficient analysis of structural components, ensuring optimal design and construction outcomes.

Our approach to structural design will focus on critical areas, including foundation design, structural framing, and canopy structures. We will design shallow and deep foundations, including drilled shafts and spread footings, tailored to the site's geotechnical conditions. Our foundation design will account for vertical, lateral, and uplift forces, ensuring long-term stability while mitigating settlement risks. By employing load optimization techniques, we aim to reduce material use, providing cost savings to the client. Structural framing systems will be designed to support both vertical and lateral loads, utilizing steel and concrete components for optimal strength and cost-efficiency. Bus canopies will be engineered to protect passengers from adverse weather while ensuring water runoff is directed away from passenger areas, enhancing safety and comfort.

Innovation is at the core of our technical approach. We will introduce cost-saving measures by incorporating modular construction techniques where feasible, streamlining fabrication and assembly. Leveraging prefabricated components can reduce on-site labor costs and minimize construction time. Additionally, we will employ vibration monitoring during pile driving and shaft installation to ensure minimal disruption to existing utilities and surrounding infrastructure. Our proactive approach to vibration control reduces the risk of costly delays and repairs.

Our team has successfully delivered similar projects, navigating regulatory compliance, addressing design challenges, and ensuring timely delivery. Key examples of relevant project experience include:

- **Bus Shelter:** University Drive – ongoing
- **Cantilever and Trussed Signs:** SR 817 – ongoing
- **Signal Mast Arms Design:** ongoing
- **Fire Station #5 Modification: existing beam analysis and redesign with composite concrete/steel beam analysis. Completed, permitted, and constructed** – City of Miami, Florida
- **NE 2nd Ave Signal Mast arms Design:** Miami-Dade County, Florida
- **NW 84th Ave Signal Mast Arm Design:** Miami-Dade County, Florida

Our workgroups will be structured to optimize efficiency and accountability. Our in-house structural engineering team will oversee all phases of the design, from conceptual design to final construction documentation. We will establish dedicated sub-groups to handle load analysis, foundation design, structural detailing, and quality assurance. Each sub-group will have clearly defined roles, with cross-checks to ensure accuracy at every stage. Our quality control process will be led by a senior structural engineer who will review all drawings, calculations, and design documents prior to submission for client review.

Electrical/Lighting



The RTS Transit Station Facility and Park-and-Ride Lot, proposed at the intersection of SE Hawthorne Road and SE 24th Street, specifically at the 2000 block of Hawthorne Road on the east side of Gainesville, FL, is designed to enhance public transit accessibility and convenience for the community.

Located south of UF Health Urgent Care Center – Eastside (457 SE 20th Street, Gainesville, FL 32641), the station will feature:

- Six Bus Bays
- A Micro-Transit Service Area
- A Building Equipped with Public & Employee Restrooms
- A Passenger Waiting Area
- A Training Room
- Two Offices
- A Transit Information/Reception Area

Adjacent to the station, the park-and-ride facility will provide at least fifty standard automobile parking spaces, five motorcycle spaces, a micro-mobility amenity area, and ample bicycle parking.

Adhering to the **FDOT Accessing Transit Design Handbook for Florida Bus Passenger Facilities (2023)** and the **Florida Building Code 8th Edition (2023)**, our electrical design aims to ensure safety, efficiency, and sustainability.

The electrical system will comprise:

- An Electrical Single-Line Power Diagram
- Detailed Building Power and Lighting Plans
- Site Lighting Plans
- Equipment Schedules
- Necessary Details

Early coordination with Florida Power & Light (FPL), the primary electricity provider for the Gainesville area, is essential.

LIGHTING LAYOUTS

By strategically identifying areas of low lighting, we will install fixtures that blend with the community context, ensuring high-efficiency interior and exterior lighting. Outdoor lighting will comply with the City's Land Development Code, and the lighting design will be coordinated with architectural elements. Programmable controls will manage lighting time periods, and we will include emergency lighting to operate during power failures.

SAFETY AND SECURITY

Safety and security are paramount. We will apply Crime Prevention Through Environmental Design (CPTED) principles in landscaping, lighting, and building design. The final design will incorporate locations for area and perimeter security cameras, along with the installation of electrical conduits for these cameras.

Expanding on similar project experience, our design team was responsible for a Park-and-Ride facility in Homestead, located at SW 344 Street, as part of the Bus Rapid Transit (BRT) project. Our Electrical/ITS/Lighting team successfully integrated comprehensive electrical and lighting plans that enhance safety and user experience. The Homestead facility features a mix of standard and electric vehicle parking spaces, along with a new electric bus charging station. The lighting and electrical systems in Homestead have been designed to comply with local codes, using high-efficiency fixtures and programmable controls to optimize energy use and enhance safety. Emergency lighting and security measures, including CPTED principles, have also been effectively implemented.



By adhering to the City of Gainesville and Alachua County building regulations and drawing from our past successes, we aim to deliver a high-quality, safe, and efficient electrical design for the RTS Transit Station Facility and Park-and-Ride Lot.

Utility Coordination Plans

HBC understands this project and herewith outlines the utility coordination plans for this project focusing on the provision of waterline and sanitary sewer line locations, ties to existing adjacent utilities, and relocation plans for utilities discovered on-site that could conflict with anticipated grading and/or structures.

HBC has vast experience doing utility coordination work for FDOT, Miami-Dade County, Palm Beach County and many other Municipalities in Florida.



HBC will obtain Sunshine811 Utility Ticket and as-built plans of the proposed site to determine existing utilities and implement proposes a step-by-step approach to successfully execute the utility coordination efforts as follows:

WATERLINE AND SANITARY SEWER SERVICE LINE (W/SSS) LOCATIONS

- Identify and map the locations of all existing W/SSS lines within the project area.
- Provide detailed plans showing the proposed W/SSS lines routes, including connections to existing W/SSS lines.
- Ensure all W/SSS lines installations comply with local regulations and standards.

TIES TO EXISTING ADJACENT UTILITIES

Waterline Ties

- Detail the connections between new and existing waterlines ensuring seamless integration.
- Include specifications for materials and methods to be used for connections.

Sanitary Sewer Ties

- Detail the connections between new and existing waterlines ensuring seamless integration.
- Include specifications for materials and methods to be used for connections.

RELOCATION PLANS FOR CONFLICTING UTILITIES

Identification of Conflicting Utilities

- Conduct thorough site surveys to identify any utilities that conflict with the proposed grading and/or structures.
- Develop the Utilities Conflict Matrix and send them to all Utilities Companies within the project limits.
- The Utilities conflict matrix will document locations (Station and offsets to the Baseline Survey used for the Design) and types of conflicting utilities.

Relocation Plans

- Develop detailed relocation plans for each conflicting utility utilizing industry's color-coding standards such as FDOT Utility Accommodation Manual (UAM 2017 Edition), ensuring clarity and minimal disruption to existing services.
- Coordinate with all Utilities Owner within the project to obtain Utility Work Schedules (UWS), Utility Work by Highway Contractor Agreement (UWHCA), No Conflict Letter or No Facility Letter. Schedule all utilities work and obtain Utilities Clear letter from all UAOs in the project limits.
- Ensure all relocation works comply with local regulations or all entities having jurisdiction within the project limits and standards.

COORDINATION AND COMMUNICATION

- Establish a communication plan to keep all stakeholders informed about the progress of the project utility coordination activities.
- Schedule regular meetings with utility owners' agents, contractors, and project managers to discuss and resolve any issues that may arise.

COMPLIANCE AND DOCUMENTATION

- HBC will ensure that all utility coordination activities comply with local, state and federal regulations relating to each utility.
- We will maintain detailed records of all Utility coordination activities, including, maps, plans, markups (redlines of initial and second contacts letters to utilities owners), and correspondences with UAOs.



Tab C

Proposed Project Staff



C. Proposed Project Staff

The HBC team assembled for this contract is a multidisciplinary group of seasoned professionals with extensive experience in transit infrastructure, multimodal transportation, and Complete Streets projects. Collectively, we have successfully delivered complex transit hubs, bus rapid transit (BRT) corridors, multimodal roadway improvements, and pedestrian-friendly infrastructure for municipalities and agencies throughout Florida, ensuring compliance with ADA, FDOT, and FTA standards while prioritizing safety, accessibility, and sustainability. Each team member brings unparalleled technical expertise, leadership, and a commitment to delivering high-quality, cost-effective solutions. With a deep understanding of transit infrastructure and urban mobility challenges, HBC is the ideal partner to support the City of Gainesville in enhancing its transportation network and achieving its project goals.

Juan J. Flores, PhD, MBA

Project Manager & Planner

Dr. Juan J. Flores is a seasoned transportation and infrastructure expert with **over 20 years** of experience managing multimodal projects across state and local governments, private industry, and international markets. His leadership in intermodal logistics, quality assurance, and infrastructure planning has led to groundbreaking improvements in operational efficiency, regulatory compliance, and project execution.

Dr. Flores' expertise in quality control and assurance was exemplified during his tenure as Project Lead for the Qatar Free Zone Authority (QFZ), where he implemented new QC guidelines that cut inspection times by 27% while aligning the zone's Health, Safety, and Environmental (HSE) standards with international best practices. His ability to optimize large-scale infrastructure projects is further demonstrated by his contributions to mega-projects involving highway corridors, warehousing, water/sewer systems, and multimodal transportation hubs in the Middle East.



In the public sector, Dr. Flores was FDOT's first State Freight, Logistics, and Passenger (FLP) Operations Administrator, where he:

- Supervised 57 employees and managed a billion-dollar capital budget within the state's five-year Work Program.
- Established Florida's first statewide Freight Coordinators, an initiative recognized as a national logistics and modal integration model.
- Spearheaded policy development for rail, transit, seaport, waterways, aviation, and spaceport coordination, ensuring Florida's transportation network remained competitive and efficient.

His work in urban planning and transportation infrastructure continued at the Miami-Dade County Department of Regulatory and Economic Resources (MDC-RER) and as Program Manager for the Greynolds Park Sea-Level Rise and Mitigation Study, where he played a critical role in evaluating flood risks and developing adaptation strategies. His expertise includes Positive Train Control (PTC) implementation for SunRail and leading policy consultant services for FDOT's districtwide planning processes.

Dr. Flores holds a PhD in Business Operations from Oklahoma State University, an MBA in Finance from Mississippi College, and an MS in Logistics from George Mason University. He has also earned certifications in supply chain management and infrastructure planning from MIT, Rutgers, and the U.S. Small Business Development Centers.

With a career dedicated to multimodal transportation planning, infrastructure development, and regulatory compliance, Dr. Flores is uniquely qualified to lead the Eastside Bus Transfer Facility project. His proven ability to optimize efficiency, manage large-scale budgets, and integrate innovative transportation solutions makes him the best choice to oversee this critical initiative for the City of Gainesville.



Adebayo Coker, PE | Principal-in-Charge

Adebayo is a seasoned transportation engineer with extensive experience in planning, design, and construction management for FDOT and municipal projects. His expertise spans transportation hub, transit corridors, roadway design, CEI, signalization, and MOT. He has successfully led projects from planning through post-design, ensuring seamless coordination among stakeholders while maintaining quality, efficiency, and compliance with regulatory standards.



Jorge Rodriguez, PE | QA/QC Reviewer

Jorge brings extensive experience in civil and structural engineering, specializing in roadway design, storm drainage, paving, and CEI. He has successfully managed multidisciplinary teams in delivering high-quality public infrastructure projects. His role as QA/QC reviewer ensures compliance with industry best practices, regulatory requirements, and design excellence for transit-oriented developments.



Christopher Soto, PE, RSO | Constructability Reviewer

Christopher specializes in CEI and constructability reviews, ensuring seamless integration of roadway, bridge, and utility projects. He has extensive experience in MOT compliance, shop drawing reviews, construction cost assessments, and quality control. His expertise supports efficient, on-budget project delivery while addressing safety, constructability, and permitting requirements.



Jose Lopez, PE | Civil Engineer

Jose has 18 years of experience in civil engineering, specializing in site development, drainage, and utility coordination. He has led FDOT districtwide projects, overseeing stormwater systems, paving, grading, and signalization. His expertise ensures efficient project execution, compliance with industry standards, and sustainable infrastructure solutions that enhance urban mobility.



Hernan Lugo, MS, PE, CFM | Civil & Drainage Engineer

With 24 years of experience, Hernan specializes in drainage design, stormwater management, and roadway infrastructure. He has successfully developed and managed site layouts, construction schedules, and budget controls. His expertise in hydrology and hydraulic modeling ensures resilient, sustainable drainage solutions that enhance roadway and transit infrastructure performance.



Orlando Penate, EE, PE, IMSA II | Lead Electrical Engineer

Orlando has 18 years of experience in electrical and lighting design for roadway and transit infrastructure. He has designed and managed over 200 lighting retrofit projects, ensuring compliance with FDOT and MUTCD standards. His expertise in pedestrian-scale lighting, signalization, and utility coordination enhances safety and visibility for multimodal transportation systems.



Sonny Abia, PhD, PE | Lead Structural Engineer

Dr. Abia brings 33 years of experience in structural engineering, specializing in bridge design, utility coordination, and infrastructure resilience. He has led complex projects involving bascule bridges, high-traffic corridors, and structural integrity evaluations. His expertise ensures structural safety, long-term durability, and compliance with FDOT and municipal standards.



Claudia Bustamante, MS, PE | Civil Engineer

Claudia has 19 years of experience in transportation engineering, specializing in roadway design, signing & pavement markings, and signalization. She has led PD&E studies, temporary traffic control plans, and transportation planning efforts for FDOT and municipalities. Her expertise ensures the successful integration of transit and multimodal infrastructure into urban environments.



Edgar Diaz, MS, PE, PSM | Cost Estimating, Forecasting & Risk Analysis

Edgar is a highly experienced cost engineer and project estimator, specializing in cost forecasting, parametric costing, and risk analysis for large-scale infrastructure and transit projects. He has successfully developed cost models, lifecycle analyses, and risk mitigation strategies to optimize project budgets and ensure financial feasibility. His expertise includes developing bid packages, cost validation, and budget controls for FDOT and municipal projects.



Moatz Saad, PhD, PE, PTOE, IMSA II | Traffic Safety

Dr. Saad is a traffic safety expert specializing in crash analysis, multimodal safety, pedestrian and cyclist infrastructure, and intersection optimization. His extensive experience includes signal retiming, traffic operations modeling, and Highway Safety Manual (HSM) assessments to enhance roadway safety and reduce conflict points. He has worked on major safety-focused projects for FDOT, MPOs, and municipal agencies.



Daniel Rodriguez, MS, PE, EE, IMSA III | ITS / EV Engineer

Daniel is a senior ITS and electrical engineer with expertise in Advanced Traffic Management Systems (ATMS), Intelligent Transportation Systems (ITS), and Electric Vehicle (EV) infrastructure. He has led projects involving traffic signal controller programming, wrong-way detection systems, adaptive traffic control, and EV charging station design. His experience spans transit signal priority, real-time traffic operations, and smart work zone technologies.

Subconsultant Team

To provide Gainesville with specialized expertise and strong local support, HBC has partnered with trusted local firms familiar with regional regulations, permitting, and community needs. These subconsultants reinforce the City's commitment to supporting local businesses while ensuring efficient, high-quality project delivery.

HBC brings proven expertise in complex transportation projects, seamlessly integrating local insight with national best practices to deliver sustainable, multimodal infrastructure solutions.



EDA Consultants Inc.

Civil Engineering, Landscape Architecture, Permitting, Surveying & Public Outreach



H2Engineering, Inc.

Mechanical, Electrical, Plumbing (M/E/P) Engineering & Fire Protection



GSE Engineering & Consulting, Inc.

Geotechnical Engineering & Structural Engineering



Brame Heck Architects Inc.

Architectural Design



Brame Heck Architects Inc



Michael Richmond, AIA NCARB LEED AP | Architect

With 36 years of experience, Michael Richmond specializes in municipal and public infrastructure projects, focusing on ADA compliance, multimodal transit facilities, and community developments. As Principal of Brame Heck Architects, he has led numerous projects for the City of Gainesville and other Florida municipalities, ensuring functional, cost-effective, and regulatory-compliant designs that align with local permitting and infrastructure goals.



EDA Consultants Inc



Sergio Reyes, PE | Civil Engineering & Permitting

With 42 years of experience, Sergio Reyes specializes in site development, utility coordination, and permitting for municipal and transit-oriented projects. As President of EDA Consultants, he has led numerous projects for the City of Gainesville and Gainesville Regional Utilities (GRU), ensuring compliance with local regulations and infrastructure needs while delivering efficient, cost-effective engineering solutions.



Clay Sweger, AICP, LEED AP | Urban Planning & Permitting

With 24 years of experience, Clay Sweger specializes in urban planning, transit-oriented development (TOD), and municipal permitting. As Director of Planning at EDA Consultants, he manages planning projects for both public and private sector clients. His prior role with Alachua County Growth Management and extensive work with the City of Gainesville ensure seamless project execution, regulatory compliance, and community-focused planning solutions.



Jared Rogers, PSM | Surveying & Mapping

With 21 years of experience, Jared Rogers specializes in surveying, mapping, and underground utility verification for municipal and transit-oriented projects. As Director of Surveying at EDA Consultants, he manages all aspects of boundary, topographic, and utility surveys, ensuring accuracy and regulatory compliance. His expertise in Verification of Vertical and Horizontal (VVH) utilities supports precise infrastructure planning and development.



H2Engineering, Inc.



Ryan Chewning, PE, CxA, LEED AP BD+C | Mechanical, Plumbing & Fire Protection Engineer

With 24 years of experience, Ryan Chewning specializes in mechanical, plumbing, and fire protection systems for municipal and transit-related facilities. As Vice President of H2Engineering, he has designed HVAC, energy-efficient plumbing, and fire suppression systems for government, transportation, and public safety projects, ensuring compliance with building codes, sustainability standards, and operational efficiency.



Danny Haberfeld, PE, RCDD | Electrical Engineer

With 12 years of experience, Danny Haberfeld specializes in power distribution, lighting, telecommunications, and security systems for public infrastructure. As Senior Project Manager at H2Engineering, he designs energy-efficient lighting, electrical systems, and transit-supportive technologies for government and municipal projects. His expertise ensures safe, reliable, and code-compliant electrical solutions that enhance facility performance and user experience.



GSE Engineering & Consulting, Inc.



Kenneth L. Hill, PE | Geotechnical Engineer

With 39 years of experience, Kenneth Hill specializes in geotechnical engineering, foundation design, and soil stabilization for public infrastructure projects. As Principal Engineer at GSE Engineering & Consulting, he has conducted geotechnical explorations, slope stability analyses, and pavement designs for municipal and transportation projects across Florida. His expertise ensures safe, resilient, and cost-effective foundation solutions for transit and roadway developments.



John C. Newcombe, PE | Structural Engineer

With 15 years of experience, John Newcombe specializes in structural engineering, inspections, and foundation design for municipal and transit-related projects. As Project Engineer at GSE Engineering & Consulting, he has worked extensively on structural assessments, reinforced concrete systems, and geotechnical inspections. His expertise ensures safe, code-compliant, and resilient infrastructure solutions that support Gainesville's transportation and transit infrastructure needs.



Workload & Availability

HBC is backed by an extensive network of over 65 professionals spread across our Florida offices. This robust network assures you that we can confidently meet the technical and manpower needs required for this contract with the City of Gainesville, providing you with a sense of security and confidence in our capabilities.

Our team is prepared to dedicate its full attention and expertise to this project. We have reviewed **our current and upcoming workloads and confirm that the proposed project team is well-positioned to deliver on this contract's requirements.** Key staff members, including the Project Manager, Dr. Juan Flores, are fully available and eager to begin work, ensuring smooth project initiation and execution.



HBC employs a proactive project management strategy for resource sharing, continuous monitoring, and adaptive planning. Weekly internal production meetings inform our project managers about staff availability and resource needs, allowing us to maintain a balanced workload across all ongoing and upcoming projects. This system ensures we can address project demands without compromising quality or timelines.

We understand the critical importance of meeting deadlines and have a proven track record of successfully delivering projects on time and within budget. Our ability to mobilize resources across our network allows us to scale up support as needed, addressing challenges efficiently and meeting project milestones.

HBC remains fully committed to providing high-quality services tailored to meet client expectations. With an experienced team, ample technical resources, and a strategic management approach, we are confident in our ability to contribute to the successful completion of this project.

Below, we present to the City of Gainesville the resources our team can tap into if it would ever be necessary to meet performance and delivery expectations.

Each firm on our team brings a proven track record of delivering exceptional engineering solutions, ensuring the highest quality of service. This team combines unparalleled technical expertise, extensive experience, and a commitment to proactive value engineering and innovative problem-solving.

Discipline	Staffing Resources
Civil Engineers	20
Electrical Engineering	5
Structural Engineering	3
Mechanical Engineering	1
Environmental Engineering	6
Surveying & SUE staff	9
Landscape Architecture	2
Geotechnical Engineering	10
Architecture	6
Public Outreach	4

The team members' average availability is 82%. For detailed staff availability please refer to the org chart on **page 36**.

HBC Engineering Company

PRIME: Planning; Risk Analysis; Parametric Costing; Forecasting; Erosion & Sediment Control; Drainage; Hydrology; Hydraulics Calculations; Civil; Drainage; Roadway; S&PM; Signalization; MOT

Brame Heck Architects, Inc.

Architecture

H2Engineering, Inc.

Mechanical, Electrical, Plumbing & Fire Protection Engineering

GSE Engineering & Consulting, Inc.

Geotechnical & Structural Engineering

EDA Consultants Inc.

Civil Engineering; Permitting; Surveying; Landscape Architecture; Public Outreach



Tab D

Qualifications of Firm

HBC



HBC is a Florida registered and licensed company for the past 18+ years. Please see below our licenses. Our extensive experience in transportation type of projects including transit bus facilities showcased starting on **page 58**; while the references are laid out on **page 89**.

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LICENSEE DETAILS

3:54:37 PM 8/7/2024

Licensee Information

Name:	HBC ENGINEERING COMPANY (Primary Name)
Main Address:	8935 NW 35TH LANE SUITE 201 DORAL Florida 33172
County:	DADE
License Mailing:	18842 SW 74TH COURT CUTLER BAY FL 33157
County:	DADE

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	27160
Status:	Current
Licensure Date:	09/15/2006
Expires:	

Special Qualifications

Qualification Effective

Alternate Names

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2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

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ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

A&E Services for Eastside Bus Transfer Facility (Rebid)

2. PUBLIC NOTICE DATE

December 2, 2024

3. SOLICITATION OR PROJECT NUMBER

RTSX-250031-DS

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Juan J. Flores, PhD Project Manager and Planner

5. NAME OF FIRM

HBC Engineering Company

6. TELEPHONE NUMBER

(202)486-5956

7. FAX NUMBER

(305) 232-7933

8. EMAIL ADDRESS

proposals@hbcengineeringco.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			HBC Engineering Company [X] CHECK IF BRANCH OFFICE	2700 Westhall Lane Suite 225 Maitland, FL 32751	Civil Engineering, Planning, Cost Estimating, S&PM, Structural, Erosion & Sediment Control, Drainage, Hydrology, Hydraulics Calculations; Utility Coordination and Relocation Plans; Electrical/Lighting; Landscaping Layouts; Traffic Controls; Electrical & Lighting
b.			X	Brame Heck Architects, Inc. [] CHECK IF BRANCH OFFICE	606 NE 1st Street, Gainesville FL 32601	Architecture
c.			X	H2Engineering, Inc [] CHECK IF BRANCH OFFICE	2246 NW 40th Terrace, Suite B Gainesville, FL 32605	Mechanical, Electrical, Plumbing & Fire Protection Engineering
d.			X	GSE Engineering & Consulting, Inc. [] CHECK IF BRANCH OFFICE	5590 SW 64th Street Suite B Gainesville, FL 32608	Geotechnical & Structural Engineering
e.			X	EDA Consultants Inc. [] CHECK IF BRANCH OFFICE	720 SW 2nd Avenue South Tower, Suite 300 Gainesville, FL 32601	Civil Engineering; Permitting; Surveying; Landscape Architecture; Public Outreach
f.				 [] CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] (Attached)

ORGANIZATIONAL CHART

City of Gainesville RTSX-250031-DS: A&E Services for Eastside Bus Transfer Facility (Rebid)

2025-991



LEGEND/ CERTIFICATIONS

#%. . . Availability
 # yrs . . Years of Experience
 HBC . . HBC Engineering Company DBE / SBE
 EDA . . EDA Consultants, Inc. DBE / SBE
 GSE . . GSE Engineering & Consulting, Inc.
 H2E . . H2Engineering, Inc. SBE
 BRA . . Brame Heck Architects, Inc.

City of Gainesville Project Manager

Rachel Panchookian

Principal-In-Charge

Adebayo Coker, PE
 32 yrs | 80% | HBC

Project Manager

Juan Flores, PhD, MBA
 27 yrs | 80% | HBC

QA/QC

Jorge Rodriguez, PE
 50+ yrs | 75% | HBC

Constructability Reviewer

Christopher Soto, PE, RSO
 12 yrs | 75% | HBC

Civil Engineering

Jose Lopez, PE
 18 yrs | 85% | HBC

Sergio Reyes, PE
 42 yrs | 85% | EDA

Electrical / Lighting

Orlando Penate, PE
 18 yrs | 85% | HBC

Danny Haberfeld, PE, RCDD
 12 yrs | 85% | H2E

Landscaping

Kaley Rice, PLA
 13 yrs | 85% | EDA

Public Outreach

Clay Sweger, AICP, LEED AP
 24 yrs | 85% | EDA

Signing & Pavement Marking

Claudia Bustamante, MS, PE
 20 yrs | 85% | HBC

Erosion & Sediment Control / Drainage, Hydrology, Hydraulics Calculations

Hernan Lugo, MS, PE, CFM
 26 yrs | 85% | HBC

Utility Coordination

Sonny Abia, PhD, PE
 34 yrs | 85% | HBC

Surveying

Jared Rogers, PSM
 21 yrs | 85% | EDA

Structural Engineering

Sonny Abia, PhD, PE
 34 yrs | 85% | HBC

John Newcombe, PE
 17 yrs | 85% | GSE

Architecture

Michael Richmond, AIA
 36 yrs | 85% | BRA

Mechanical/HVAC

Ryan Chewning, PE,
 CxA, LEED AP BD+C
 24 yrs | 85% | H2E

CADD Technician / BIM

Gary Cox, EI
 9 yrs | 80% | HBC

NEPA Assessment

Adebayo Coker, PE
 32 yrs | 80% | HBC

Cost Estimating, Cost Engineering & Analysis, Parametric Costing / Forecasting + Risk Analysis

Edgar Diaz MS, PE, PSM
 32 yrs | 80% | HBC

Geotechnical Engineering

Kenneth Hill, PE
 39 yrs | 80% | GSE

Permitting / Environmental

Clay Sweger, AICP, LEED AP
 24 yrs | 85% | EDA

Planning

Juan Flores, PhD, MBA
 27 yrs | 40% | HBC

Claudia Bustamante, MS, PE
 20 yrs | 85% | HBC

Traffic Safety

Moatz Saad, PhD, PE, PTOE, IMSA II
 12 yrs | 80% | HBC

ITS / EV

Daniel Rodriguez, PE, IMSA III
 9 yrs | 80% | HBC

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE
Juan J. Flores, Jr., PhD, MBA	Project Manager	a. TOTAL 23 b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)



HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

PhD in Business Operations, Oklahoma State University; MBA in Finance, Mississippi College; M.S. in Logistics, George Mason University; B.A. in Business Operations, Purdue University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

U.S. Small Business Development Centers (SBDC) Certificate of International Trade & Commerce; Massachusetts Institute of Technology (MIT), Certificate of Supply Chain Management and Logistics; Rutgers University, Certificate of Advanced Infrastructure and Transportation; Salesforce Certification

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Downtown Largo Multimodal Transportation Plan Largo, FL	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Project Engineer for the Multimodal Plan which serves as a pilot project for developing mobility strategies to be potentially applied Citywide to support the Strategic Plan. The strategies recommended in the Multimodal Plan include policies that will be incorporated into the Comprehensive Plan, Comprehensive Development Code amendments, and future capital improvement projects, including the Capital Improvement Programs.		
b.	SunRail Positive Train Control (PTC) Sanford, FL	2020	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Project Engineer for SunRail's Positive Train Control (PTC) implementation. Oversaw third-party contracts, coordinated with FRA and FTA, and guided operations and maintenance strategies. Delivered contract closeout support and technical oversight, ensuring compliance and enhanced safety for this critical transit infrastructure project in Sanford, Florida.		
c.	Savannah Metropolitan Planning Commission (MPC), Mobility and Transportation Report Savannah, GA, FL	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Project Engineer for the Savannah Metropolitan Planning Commission (MPC) the study investigated accessibility and connectivity between a proposed logistics center and the Port of Savannah. This study implemented GDOTs freight and seaport plan to for increased investment by the state.		
d.	Broward Metropolitan Planning Organization (MPO) Public Engagement Services Broward County, FL	2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Contributed to the Broward MPO's Complete Streets projects, designing bike lanes, ADA-compliant sidewalks, and drainage solutions. Addressed ROW and utility challenges while incorporating landscaping and lighting improvements. Enhanced safety, accessibility, and multimodal connectivity across urban corridors.		
e.	Texas Transportation Planning and Programming Statewide Corridor Planning Austin, TX.	2020	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Technical Expert for feasibility study on the proposed Outer Loop Project in Webb County from Interstate Highway (I-35)/State Highway 255 (Camino Colombia Road) interchange to the vicinity of the proposed fifth bridge crossing, near Rio Bravo, Texas in		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Adebayo Coker, PE	Principal-in-Charge	a. TOTAL	b. WITH CURRENT FIRM
		32	18

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

B.S. in Civil Engineering, Florida International University
(08/13/1992)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 55322 (02/11/2000); TIN No. C26001866


18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

FDOT CTQP: Asphalt Paving Levels 1 and 2; QA/QC Manager

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	South Dade Bus Maintenance Facility CEI Services Miami Dade, FL	2023	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Principal-in-Charge for a state-of-the-art facility supporting Miami-Dade County's Battery-Electric Bus operations. Oversaw bus parking areas, pantograph charging systems, stormwater management, and low-voltage infrastructure, ensuring seamless integration of sustainable transit solutions. Delivered design and construction services to enhance fleet reliability and public transportation access.		
b.	SR-7/US-441 Transit Corridor Improvements Phase 1 Broward, FL	2018	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Principal-in-Charge for transit-focused enhancements, including bike lanes, ADA-compliant sidewalks, high-emphasis crosswalks, and drainage solutions. Improved pedestrian and cyclist connectivity while implementing safety upgrades such as signalized crossings and push-button pedestrian detection systems. Delivered a multimodal solution addressing urban mobility challenges.		
c.	The Underline Multimodal Urban Trail Miami, FL	2019	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Principal-in-Charge for the design and construction of a 2.4-mile multimodal urban trail beneath Miami-Dade Metrorail. Delivered shared-use pathways, wayfinding signage, landscaping, and ADA-compliant lighting. Integrated public involvement and permitting, emphasizing connectivity and sustainable design in a dense urban environment.		
d.	Bus Express Rapid Transit (BERT) Systemwide Miami, FL	2017	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Principal-in-Charge for traffic operations reports analyzing bus operations across Miami-Dade County. Recommended transit upgrades, including queue jumps, bus-only lanes, and signal optimization using Transit Signal Priority strategies. Conducted data collection, microsimulation modeling, and signal timing to enhance rapid transit efficiency.		
e.	Hollywood Gardens Sidewalk Complete Streets Hollywood, FL	2015	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Principal-in-Charge for multimodal infrastructure improvements, including harmonized sidewalks, bike lanes, and drainage upgrades. Addressed ROW conflicts and public concerns while incorporating ADA-compliant features, landscaping, and intersection lighting. Enhanced pedestrian and cyclist safety while delivering Complete Streets solutions.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Jorge Rodriguez, PE	QA/QC	a. TOTAL 54	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State)			
 HBC Engineering Company, Maitland, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S. in Civil Engineering, Havana University		PE (TX) No. 92097 (06/13/2003)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Civil and structural engineering, specializing in QA/QC, drainage, roadway design, and utilities			

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Northeast Transit Hub Enhancements Miami, FL	2013	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Provided QA/QC for roadway reconstruction, saw-tooth bus bays, drainage improvements, and ADA-compliant infrastructure at the 163rd Street Transit Hub. Oversaw the addition of pedestrian-scale lighting, MOT plans, and enhanced transit facilities to improve user experience and accessibility for Miami-Dade's transit system.		
b.	Bus Express Rapid Transit (BERT) Systemwide Miami, FL	2017	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Conducted QA/QC for BERT traffic control analyses, optimizing signal timing and designing transit priority solutions for multimodal intersections. Utilized Synchro and VISSIM for microsimulation and balance between transit mobility and safety. Delivered multimodal designs enhancing operational efficiency and safety.		
c.	SR-7/US-441 Transit Corridor Improvements Phase 1 Broward, FL	2018	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Performed QA/QC for multimodal improvements along SR-7/US-441, including ADA-compliant sidewalks, bike lanes, pedestrian signals, and lighting retrofits. Addressed drainage challenges and enhanced safety and accessibility for one of Broward County's major transit corridors.		
d.	25/US-27/Okeechobee Road Transportation Management Plan Miami-Dade County, FL	2019	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm QA/QC for VISSIM microsimulations, balancing traffic detours, optimizing signal timing, and identifying Smart Work Zone strategies. Developed TTCPs and analyzed traffic diversion impacts, ensuring efficient roadway and construction management for FDOT District 6.		
e.	Beach Corridor Rapid Transit Project Miami-Dade County, FL	2019	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm QA/QC for the PD&E study, analyzing multimodal transportation solutions between Miami Design District and Miami Beach Convention Center. Conducted traffic data collection, signal optimization, and VISSIM microsimulations to assess operational efficiency and multimodal impacts.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Christopher Soto, PE, RSO	Constructability Reviewer	a. TOTAL 12	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

B.S. in Civil Engineering, Florida International University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 91722 (06/22/2021); TIN No. S30010689

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

ADA Training Certified; FDOT Advanced MOT; FDOT CTQPs: Asphalt Paving Levels I & II, Earthwork Construction Inspection Levels I & II, Final Estimates Levels I & II, Drilled Shaft Level I, CI – Concrete Field-Testing Critical Structures Construction Issues, Concrete Field Technician Level I, Radiation Safety Officer (RSO), Nuclear Gauge Safety/ Hazmat Radioactive Safety Officer ADA Construction, Thermography Levels I & II No. 14894, QC Manager (scheduled)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SR-836 Express Bus Service and Park-and-Ride Bus Terminal Tamiami Station, Tamiami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Senior inspector for SR-836 Park-and-Ride Terminal, supervising clearing, grubbing, and roadway improvements. Delivered amenities including bus shelters, bike racks, pedestrian canopies, and LED lighting. Focused on multimodal accessibility and sustainable transit solutions.	2020	2021
b.	Federally Funded Citywide Pedestrian, Drainage, & Roadway Improvements LAP Project, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Senior Project Engineer for this LAP funded project involved multiple locations in Doral, including NW 27th Street, NW 102nd Avenue, NW 87th Court/NW 26th Street, NW 89th Court, and NW 84th Avenue, and consisted of various construction operations, such as sidewalks, driveways, curb and gutter, storm sewer manholes, French drains, subbase and base restoration, pavement restoration, pavement markings, tree removal and relocation, and sod restoration.	2022	2023
c.	Park-and-Ride Lot at SW 112th Avenue and SW 204th Street Busway Miami-Dade County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Senior inspector for the rehabilitation of a park-and-ride lot at SW 112 Avenue and SW 204 Street Busway, accommodating 450 spaces. Work included milling, resurfacing, widening, new sidewalks, curbs, crosswalks, lighting upgrades, EV charging stations, passenger shelters, signage, pavement markings, and sodding, meeting Florida DOT standards. Electric vehicle facilities incorporated advanced infrastructure and safety features.	2022	2023
d.	Dressel Canal Bank Stabilization and Improvements LAP Project City of Doral, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Project Administrator for this project that involved improvements to the Dressel Canal and included constructing a pedestrian and bicycle shared-use path named the Dressel's Dairy Trail. Christopher was responsible for reviewing the erosion and sedimentation control plan, assisting permit compliance with all the local governing agencies, facilitating daily inspections, and completing all documentation for close-out, including a detailed punch list to restore the project to better than existing conditions.	2020	2021
e.	NW 97th Avenue LAP Project City of Doral, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Project administrator for a proposed 4-lane divided arterial entailed a 16-foot curb and sod median, two 11-foot lanes, a 4-foot bike lane in each direction, a type "F" curb and gutter with a closed drainage system, and 6-feet concrete sidewalks on either side. Responsible for developing plans for the roadway, drainage, utility adjustment, signage and pavement markings, lighting, and landscaping.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Jose A. Lopez, PE	Lead Civil Engineer	a. TOTAL	b. WITH CURRENT FIRM
		19	5

15. FIRM NAME AND LOCATION (City and State)



HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

B.S. in Civil Engineering, Polytechnic University of Puerto Rico

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 81014; PE (PR) No. 21897

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

30-HR OSHA Certification; TTC Advanced # 74153; ICPR V4 Training

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SR-7/US-441 Transit Corridor Improvements Miami, FL	2018	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Responsible for designing multimodal improvements, including ADA-compliant sidewalks, bike lanes, and safety enhancements such as lighting retrofits and intersection upgrades. Delivered transit-oriented designs while addressing drainage and utility challenges, ensuring compliance with FDOT standards for this high-priority corridor.		
b.	Hollywood Gardens Sidewalk Complete Streets Hollywood, FL	2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer for multimodal infrastructure improvements, including harmonized sidewalks, bike lanes, and drainage upgrades. Addressed ROW conflicts and public concerns while incorporating ADA-compliant features, landscaping, and intersection lighting. Enhanced pedestrian and cyclist safety while delivering Complete Streets solutions.		
c.	NW 84th Ave Reconstruction from NW 58th St to NW 74th St Miami, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record responsible for designing improvements for 2 signalized intersections, including replacement of traffic signal controller cabinets and mast arms, development of Signal Operating Plan (SOP), and installation of video detection systems. This project involves reconstructing 1 mile of an existing 2-lane roadway to expand it into a 4-lane roadway with a Two-Way Left-Turn Lane (TWLTL), where Right-of-Way (ROW) is available.		
d.	NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Miami, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record (EOR) responsible for the reconstruction of 1.09 mile of an existing 2-lane roadway to expand it into a 2-lane roadway with a Two-Way Left-Turn Lane (TWLTL) and 6' buffered bike lanes in each direction. Improvements at 4 signalized intersections, including the replacement of pedestrian signals, signal heads, underground conduit, loop detection infrastructure, new vehicle detection systems, mast arm replacements, and Automated Traffic Signal Performance Measures (ATSPM) implementation.		
e.	FDOT District 6, SR-94/Kendall Dr from SR-997/Krome Ave to SR-5/ South Dixie Hwy Rapid Transit Study Miami, FL	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer Responsible for the analysis and design of Temporary Traffic Control Plan typical sections for five Kendall Drive built alternatives (Curbside BRT, Median BRT, Curbside BRT with Reversible Lanes, HRT Elevated and Hybrid HRT at grate)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Sonny Abia, PhD, PE	Lead Structural Engineering & Utility Coordination	a. TOTAL 38	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

PhD in Civil Engineering, University of Miami; M.S. in Civil Engineering, Florida International University; B.S. in Civil Engineering, Florida International University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 48190 (7/15/1994)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

TTC Advanced Certification; Certification General Course in Construction City and Guilds of London Institutes

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SR-7/US-441 Transit Corridor Improvements Broward, FL	2018	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Conducted QA/QC for multimodal improvements, including ADA-compliant sidewalks, bike lanes, and safety enhancements such as lighting retrofits and intersection upgrades. Delivered transit-oriented designs while addressing drainage and utility challenges, ensuring compliance with FDOT standards for this high-priority corridor.		
b.	NW 84th Ave Reconstruction from NW 58th St to NW 74th St Doral, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Oversaw utility coordination and QA/QC for the widening and reconstruction of NW 84th Avenue. Delivered ADA-compliant sidewalks, new drainage systems, mast arm replacements, and intersection signalization upgrades, ensuring alignment with urban mobility goals and safety standards.		
c.	FDOT District 4, SR-817/University Dr Roadway Improvements Broward, FL.	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Utility Coordinator and Quality Assurance/Quality Control (QA/QC) reviewer for the design of roadway improvements along SR-817/University Drive, from SW 24th Street/Nova Drive to Eastbound SR-84. The project involves pavement widening to accommodate a proposed auxiliary lane from NW 23rd Street, connecting to the westbound I-595 ramp, and the relocation of existing drainage structures, overhead signs, a mast arm, and utility poles		
d.	Wrong-Way Vehicle Detection System (WWVDS) Implementation Miami- Dade, Broward, & Palm Beach Counties, FL.	2019	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm This project designed and implemented 41 Wrong-Way Vehicle Detection Systems across 48 exit ramps on SR-821, SR-91, and SR-869 in Miami-Dade, Broward, and Palm Beach Counties. It included signage, pavement markings, and signal detection. Dr. Abia handled QA/QC reviews and utility coordination.		
e.	NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Miami-Dade County, FL.	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm QA/QC Reviewer and Chief Utility Coordinator for the NE 2nd Avenue design-build project (NE 20th St to NE 36th St). Work included roadway reconstruction, storm sewer, sidewalks, curb and gutter, on-street parking, signage, signalization, decorative lighting, landscaping, and water main installation with appurtenances.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Orlando Penate, PE, IMSA II	Senior Engineer	a. TOTAL 18	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

B.S. in Electrical Engineering, Marta Abreu de Las Villas University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 80385 (01/01/2016)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)


FLUG Open Road Designer; FDOT Specifications; Package Preparations; Bullet Proof Manager Program; FDOT Advanced TTC, #66969; IMSA Traffic Signal Technician Level 1, #AA_131518; IMSA Traffic Signal Field Technician Level 2, #BE_131518; Advanced Building Code Course Credit; 7th Edition, Florida Building Code

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SR-7/US-441 Transit Corridor Improvements Phase 1 Broward, FL	2018	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for lighting improvements at 21 intersections, replacing HPS luminaires with LEDs and adding LED and FPL luminaires to meet design criteria. Responsibilities included coordination with municipalities, FPL, and project disciplines to enhance roadway and pedestrian lighting, improving transit safety and patron experience.		
b.	Hollywood Gardens Sidewalk Complete Streets Hollywood, FL	2015	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for designing a new intersection lighting system, including analysis, voltage drop calculations, photometric evaluation, and preparing a Lighting Design Analysis Report. Developed Lighting Plan Sets with reference files, quantities, and pole details.		
c.	SR-820/Pines Blvd. from I-75 North On-Ramp to E of NW 118th Ave. Broward County, FL	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for lighting design and post-design services along SR-820/Pines Boulevard (SW 136th Ave to NW 118th Ave). Scope included pedestrian lighting for a widened 10' sidewalk and retrofitting lighting at five intersections with FPL luminaires.		
d.	SW 344th Street Park and Ride Expansion Miami-Dade County, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Electrical Advisor and Senior Engineer overseeing QA/QC for a 61,000 sq. ft. expansion supporting Miami-Dade County's sustainable initiatives. Responsibilities included lighting and EV charging designs, replacing parking lot and bus area light poles, and DC Fast Charging infrastructure for electric buses. Orlando ensured compliance, collaborated with utilities, and optimized plans for seamless integration.		
e.	NE 2nd Ave. Design Build Project from NE 69th St. to NE 84th St. Miami-Dade County, FL	2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for a 5,016-foot roadway lighting design, including decorative lighting, bike lanes, street parking, and pavement reconstruction. Scope included drainage, signalization, sidewalks, curb repairs, storm sewer upgrades, TTCP, and public involvement. Coordinated across disciplines—roadway, lighting, landscaping, utilities, and environmental—while ensuring schedule adherence.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Hernan Lugo, MS, PE, CFM	Erosion & Sediment Control / Drainage, Hydrology, Hydraulics Calculations	a. TOTAL 26	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State)			
 HBC Engineering Company, Maitland, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
M.S. in Environmental Engineering, Texas A&M University; Universidad Nueva Esparta, Venezuela		PE (FL) No. 74961 (08/06/2012); TIN No. L20032074	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Florida Certified Building Contractor - No. 160661; Certified Floodplain Manager - No. US-15-08248; TTC Advanced #38971			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR-7/US-441 Transit Corridor Improvements Task 2 LAP Project. Broward County, FL.	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) 2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Chief Roadway & Drainage Engineer for improvements along SR-7/US-441, including new sidewalks, ADA ramps, pedestrian signal upgrades, landscaping, shared-use paths, lighting at I-595 ramps, high-emphasis crossings, retaining walls under I-595 bridges, and signing and pavement marking enhancements.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	NW 84th Ave Reconstruction from NW 58th St to NW 74th St Miami, FL	PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer responsible for the development of drainage engineering plans. This project involves reconstructing 1 mile of a 2-lane roadway to expand it into a 4-lane roadway with Two-Way Left-Turn Lane (TWLTL), where Right-of-Way is available.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	The Underline Multimodal Urban Trail Miami, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Coordinated utilities for a 2.4-mile urban trail beneath Miami's Metrorail. Delivered stormwater solutions, ADA-compliant pathways, and sustainable landscaping. Oversaw environmental and archaeological assessments, ensuring compliance with regulatory requirements for this multimodal connectivity project.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	I-75/Alligator Alley Rest Area and Education Center Master Plan Weston, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for S&PM design on a 0.71-mile project improving a rest area with educational and recreational amenities. Features included reconfigured parking, access roads, sidewalks, pedestrian lighting, observation tower, boardwalks, walking paths, kiosks, picnic areas, and landscaping. S&PM guided traffic within the site and back to I-75, with new pavement markings for the improvements.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Miami, FL	PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Engineer of Record for drainage design on a 1.09-mile roadway widening and reconfiguration project. Features included bike lanes, street parking, TWLTL, pavement reconstruction, enhanced storm sewers, curb and gutter repairs, and sidewalks. Design focused on storm drains, flood protection, safety, and minimal impact to businesses and communities.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Claudia Bustamante, MS, PE	Signage & Pavement Marking	a. TOTAL 20	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION *(City and State)*HBC Engineering Company,
Maitland, FL16. EDUCATION *(Degree and Specialization)*

M.S. in Civil Engineering, University of Central Florida; B.S. in Civil Engineering, Universidad Del Cauca Colombia

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

PE (FL) No. 87381 (06/01/2019)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Advanced MOT - # 32203; DOT & LTAP Specifications; Package; GeoPAK; MicroStation; Autoturn; CADD; 3D Modeling

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Traffic Operations and Safety Study Broward County, FL.	2021	2023
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Signage & Pavement Marking for traffic analysis along SR-7/US-441, conducting simulations and safety studies for 11 intersections. Tasks included turning movement counts, Origin-Destination data analysis, Target Speed Studies, Signal Warrant Analyses, signal retiming using Synchro, and crash data analysis with recommendations and benefit-cost evaluations to support FDOT considerations.		
b.	Johnson St from North 30th Rd to North Dixie Hwy Complete Streets Project Hollywood, FL	2023	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Signage & Pavement Marking and lead for PD&E study evaluating alternatives for reconstructing Johnston Street from North 30th Road to North Dixie Highway. The project included sidewalks, lighting, a two-lane roadway with a center turn lane, bus stops, and drainage within the ROW. Responsibilities included traffic analysis, Synchro modeling, crash data review, HSM analysis, and public involvement coordination.		
c.	Northeast Corridor FTA Categorical Exclusion Data Collection Miami-Dade County, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Signage & Pavement Marking & Traffic Engineer for the evaluation of the impacts of 13.5 miles of new commuter rail service in the FECR corridor. She oversees traffic data collection and safety analysis for 76 intersections, including TMCs, 292 volume counts, signal data, field reviews, queuing data, speed studies at 36 locations, and safety analysis for 52 state road intersections.		
d.	South Corridor Transit Oriented Development (TOD) Master Plan. Miami-Dade County, FL	2022	2024
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Signage & Pavement Marking & Lead Engineer for the creation of a Bicycle and Pedestrian Facilities Plan for selected station locations along a 20-mile corridor. The project focused on developing an infrastructure mobility and connectivity assessment to serve as the foundation for the plan. Recommendations were based on a combination of field review, desktop review, and literature review.		
e.	Roadway Signs in the Vicinity of Metrorail Stations. Miami-Dade County, FL.	2023	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Signage & Pavement Marking for the installation of roadway signs across Miami-Dade County to guide motorists to Metrorail stations. She is responsible for developing Signing and Pavement Marking (S&PM) plans and Temporary Traffic Control Plans.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE
Edgar Diaz, MS, PE, PSM	Cost Estimating, Forecasting & Risk Analysis	<div>a. TOTAL</div> <div>32</div> <div>b. WITH CURRENT FIRM</div> <div>16</div>

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

M.S. in Civil Engineering, Florida International University; B.S. in Civil Engineering, Florida International University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (FL) No. 50728; PE (PR) No. 27906; PSM (FL) No. LS7484

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advanced Maintenance of Traffic Training; OSHA-30 Hour Certificate; Part 107 Remote Pilot Certificate

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	NE 2nd Ave Reconstruction from NE 69th St to NE 84th St Miami, FL	2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Cost Estimating, Forecasting & Risk Analysis for the the addition of bike lanes, street parking, pavement reconstruction, an enhanced storm sewer system, curb and gutter repairs, and sidewalk reconstruction, new pavement, horizontal and vertical geometry, side street and plateau intersection signalization, sign and pavement marking, and preparation of TTCP. Coordination was also made between all design disciplines such as roadway, signalization, SPM, street lighting, landscaping, drainage, water main lines, utilities, and environmental, and railroad company while maintaining the project on schedule.		
b.	FDOT District 4, I-595 Corridor Roadway Improvements Fort Lauderdale, FL	2009	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Cost Estimating, Forecasting & Risk Analysis for the roadway design, analysis, and quality control for approximately 11 miles of this project. This \$900 million 3P project included 11 miles of reversible/managed lanes for I-595 and 2 miles of ramp interconnections between the I-595 corridor and SR-91/Florida's Turnpike Mainline.		
c.	Northeast Transit Hub Enhancements City or County, State	2012	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Cost Estimating, Forecasting & Risk Analysis for performing roadway and site development for the reconstruction of NE 167th Street from NE 14th Avenue to NE 15th Avenue and reconstruction and milling and resurfacing of NE 15th Avenue from NE 164th Street to NE 167th Street. Edgar was also responsible for the preparation of construction documents, technical specifications, estimate of construction cost, dry run permitting, bid and award services, and design services during construction.		
d.	SR-7/US-441 and Weisman Way Intersection Improvements West Palm Beach, FL	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Cost Estimating, Forecasting & Risk Analysis for the milling and resurfacing of Weisman Way, roadway widening between the Walmart driveway and SR-7/US-441, construction of new sidewalks and curbs, drainage system upgrades, installation of street lighting, traffic signal upgrades, and application of new pavement markings.		
e.	Westgate Avenue Lane Repurposing and Infrastructure Enhancements West Palm Beach, FL	2024	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Cost Estimating, Forecasting & Risk Analysis for Westgate Avenue, spanning from Wabasso Drive to Congress Avenue. The project focused on lane repurposing, which involved reducing the roadway from five lanes to three, stretching from Wabasso Drive to Congress Avenue. This redesign aimed to enhance safety and accessibility for all road users while aligning with the community's		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE
Moatz Saad, PhD, PE, PTOE, IMSA II	Traffic Safety	a. TOTAL 12 5

15. FIRM NAME AND LOCATION (City and State)

HBC HBC Engineering Company,
Maitland, FL

16. EDUCATION (Degree and Specialization)

PhD in Civil Engineering, University of Central Florida; M.S. in Transportation Engineering, University of Central Florida; B.S. in Civil Engineering, Alexandria University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

PE (NC) No. 056192; PTOE No. 5763; TIN No. S30054591


18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

SAS Data Mining Certificate; FSUTMS Modeling Certificate; FDOT TTC Advanced Certificate - # 632512

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	FDOT District 4, SR-7/US-441 Transit Corridor Improvements Broward County, FL	2025	2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm		
	Senior Traffic Engineer for the this project that consists of the following improvements along several locations along SR-7/US-441: a new sidewalk, ADA curb ramps, pedestrian signalization improvements and landscape enhancements.		
b.	Johnson St from North 30th Rd to North Dixie Hwy Complete Streets Hollywood, FL	2023	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm		
	Traffic Lead of the project to evaluate a selected alternative as part of a PD&E study for reconstructing Johnston Street from North 30th Road to North Dixie Highway to accommodate a new interconnected sidewalk on one side of the street, new lighting, fully reconstructed two-lane two-way roadway with a center turn lane, new transit bus stops, and new drainage system within the existing Right of Way (ROW).		
c.	Advanced Traffic Management System Implementation Phase Miami, FL	2023	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm		
	Traffic Engineer for the MDC ATMS Implementation Phase I, which consists of converting existing signal timing databases to the format specific to the new local controller software, prior to the installation of the new traffic signal controllers.		
d.	Seminole Tribe of Florida (STOF) Traffic Operations and Safety Study Broward County, FL	2021	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm		
	Traffic Lead for the traffic analysis of implementing traffic operations simulations and safety studies for 11 intersections along SR-7/US-441 from Sheridan Street to Oakes Road, in a form suitable for FDOT consideration to support proposed concepts. Turning movement counts and Origin-Destination (O-D) data were collected, reviewed, and analyzed.		
e.	GMX SR-924/Gratigny Parkway Traffic Operations Study Miami-Dade County, FL	2023	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm		
	Traffic Engineer for traffic operation studies. A capacity analysis was conducted to determine if there is a need to modify signal phasing, timings, convert left-turns into 'protected-only' signals, and/or increase queuing storage using future traffic data that was forecasted using historical volumes and regional models. Mitigative measures were evaluated at the median opening access to NW 36th Avenue.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
Daniel Rodriguez, MS, PE, EE, IMSA III	ITS / EV Engineer	a. TOTAL 10	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State)			
 HBC Engineering Company, Maitland, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Master of Science in Electrical Engineering, Florida International University; Bachelor of Science in Electrical Engineering, University of Alabama		PE (FL) No. PE91703; TIN No. R362161934420	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Advanced Traffic Management System Implementation Phase Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2023	2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm	
ITS / EV for the Led migration and programming of 2,900 traffic signal controllers from Type 170 to 2070 models, optimizing county-wide ATMS operations. Conducted signal retiming at over 500 intersections, ensuring compliance with FDOT and MUTCD standards. Improved intersection efficiency and multimodal mobility.			
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SW 344th Street Park and Ride Expansion Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2023	2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm	
ITS / EV responsible for the electrical and lighting infrastructure design for the expansion of a multimodal Park & Ride facility. Developed Level-2 and DC Fast-Charging (DCFC) stations for battery-electric buses. Integrated electrical load-sharing and photometric analysis, ensuring optimized EV charging and transit efficiency.			
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Wrong-Way Vehicle Detection System Implementation Miami, Broward & Palm Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2021	2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm	
ITS / EV Engineer for for the design of 41 Wrong-Way Vehicle Detection Systems (WWVDSs) covering 48 exit ramps along SR-821/HEFT, SR-91 Florida's Turnpike Mainline, and SR-869/Sawgrass Expressway. The proposed WWVDSs used a combination of thermal, radar, and video detection technologies to detect vehicles traveling the wrong way along the exit ramps and provide automated alerts to FTE's traffic operations staff.			
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	FDOT District 6, Intelligent Transportation System (ITS) Technical Consultant Miami-Dade and Monroe Counties, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm	
ITS Technical Lead for the TSM&O 5-year work program, yearly ITS equipment replacement budget, and systems engineering compliance. Daniel developed a districtwide test plan for communications redundancy of the existing Intelligent Transportation System (ITS) communications network.			
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Adaptive Traffic Control Systems & Fiber Optic Network Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2023	2024
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm	
Engineer of Record for the design of a new Adaptive Traffic Control System (ATCS) for 9 signalized intersections along Pine Island Road from Orange Grove Drive to Cleary Boulevard. He designed 5 new sites for traffic signal cabinet replacements, allocating pull boxes and conduits for signalization cables, spare conduits for future expansion, and new Fiber Optic Cable (FOC) infrastructure. Daniel also implemented a hybrid (Radar/Video) detection system installed at the top of mast arms and strain poles and included a detection zone configuration for the future implementation of Automated Traffic Signal Performance Measures (ATSPM)			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Ryan Chewning, P.E., CxA, LEED AP BD+C	13. ROLE IN THIS CONTRACT Mechanical, Plumbing & Fire Protection Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State) H2Engineering, Inc., Gainesville, FL			
16. EDUCATION (Degree and Specialization) BS, Mechanical Engineering, University of South Florida, 2000		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Mechanical Engineering #63103	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Ryan joined H2Engineering, Inc. in 2000, quickly becoming an invaluable member of the team. In 2007 he became Vice President and a principal owner of H2E. Ryan has experience designing mechanical and plumbing systems for new construction, renovations, additions, and restoration on multiple facility types including government, higher education, office, correctional, public safety, and K-12 schools. Ryan's vision of the future has spurred company efforts to evaluate and continuously improve. Ryan's strategic leadership, focus on quality, and customer service is what continues to make H2Engineering Your First Choice.

19. RELEVANT PROJECTS

a	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT Transportation Management Center Jacksonville, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2012	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project consisted of a 25,000 GSF single-story new building designed for 24/7/365 secure staffing of the Florida Department of Transportation. The building is comprised of approximately 20,000 SF of traffic management space, with an additional 5,000 SF of office space. The facility houses the Florida Department of Transportation (ITS Operation), Florida Highway Patrol, Traffic, the City of Jacksonville Fire and Rescue, Jacksonville Transportation Authority, and the Jacksonville Sheriff's Office. Cost: \$11,000,000; Role: Project Manager		
b	(1) TITLE AND LOCATION <i>(City and State)</i> Sumter County Public Safety Office Wildwood/Bushnell, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2016	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Villages Sumter County Public Safety Center is a 2-story, 49,500 SF structure that houses the Sheriff's Office, a 750 SF data center, an emergency operation center, and an emergency management dispatch center. The EMS serves as the primary 911 and Fire/EMS dispatch and call center for the County. The Bushnell Sumter County Public Safety Center is a 2-story, 24,800 SF facility that serves as a backup 911 and Fire/EMS dispatch and call center for the Wildwood facility. It houses a fully functioning Sheriff's sub-station. As an emergency communications center, the reliability of the infrastructure is critical. Cost: \$21,754,990/\$9,099,310; Role: Plumbing & Fire Protection Engineer		
c	(1) TITLE AND LOCATION <i>(City and State)</i> Polk County Jail Book-In Facility Winter Haven, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2019	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Polk County Book-In Facility is a new 33,350 SF state of the art book-in facility that serves the Polk County Sheriff's Office Detention Division. This facility is a standalone booking facility that processes adult males, adult females, and juveniles sentenced as adults. The facility includes all aspects of booking including sally port, pre-booking, health assessment, holding, processing, transfer/transport, and administrative functions. Cost: \$9,382,116; Role: Principal-in-Charge/Project Manager/Mechanical Engineer		
d	(1) TITLE AND LOCATION <i>(City and State)</i> Camp Blanding Fire Station Annex Maintenance Bay Starke, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2021	2022
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consisted of a new 6,500 SF metal building used to house fire support apparatus. Cost: \$717,355; Role: Principal-in-Charge/Project Manager/Mechanical Engineer		
e	(1) TITLE AND LOCATION <i>(City and State)</i> DMS Waller Park Upgrades Tallahassee, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2019	2025
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consists of various upgrades, including electrical design of the exterior plaza and building lighting automation, and a normal power distribution system. Six add services include the inclusion of two elevators and associated upper walkways, upgrades to the Knott Plaza, video surveillance camera design, replacement of fountain piping, and replacement of existing lighting in the Capitol parking garage. Construction Cost: \$42,000,000; Role: Mechanical Engineer		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Danny Habersfeld, P.E., RCDD	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) H2Engineering, Inc., Tallahassee, FL			
16. EDUCATION (Degree and Specialization) BS, Industrial Engineering, University of Florida, 2010		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Electrical Engineering #91238 Registered Communications Distribution Designer #397184	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <p>Danny began his career as an intern with H2Engineering in 2012 and became a senior project manager in 2023. Danny has 12 years of experience designing lighting and power systems. In addition, he possesses valuable experience in working with telecommunications, security, AV systems, and assists with construction administration. Through his substantial analytical skills, he has the ability to design efficient systems while maximizing value for clients and end users. Danny has experience working on a variety of project types including K-12, higher-education, laboratories, municipal government, correctional facilities, food services, and parking garages. In addition to being a registered professional engineer (electrical), Danny's is also a Registered Communications Distribution Designer.</p>			
19. RELEVANT PROJECTS			
a	(1) TITLE AND LOCATION <i>(City and State)</i> City of Tallahassee Airport Rental Car & QTA Facility Tallahassee, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2021	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm H2Engineering provided MEP design for the Tallahassee International Airport's Rental Car Quick-Turnaround Facility and Roadway Realignment project. The facilities included a 500-car, 2-story parking garage, a 6-acre parking lot, a 1,300 SF rental car facility, a 1,200 SF maintenance bay, and a 2,000 SF car wash. Construction Cost: \$17,000,000; Role: Electrical Engineer		
b	(1) TITLE AND LOCATION <i>(City and State)</i> DMS Waller Park Upgrades Tallahassee, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2019	2025
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consists of various upgrades, including electrical design of the exterior plaza and building lighting automation, and a normal power distribution system. Six add services include the inclusion of two elevators and associated upper walkways, upgrades to the Knott Plaza, video surveillance camera design, replacement of fountain piping, and replacement of existing lighting in the Capitol parking garage. Construction Cost: \$42,000,000; Role: Project Manager/Electrical Engineer		
c	(1) TITLE AND LOCATION <i>(City and State)</i> Polk County Jail Book-In Facility Winter Haven, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2019	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Polk County Book-In Facility is a new 33,350 SF state of the art book-in facility that serves the Polk County Sheriff's Office Detention Division. This facility is a standalone booking facility that processes adult males, adult females, and juveniles sentenced as adults. The facility includes all aspects of booking including sally port, pre-booking, health assessment, holding, processing, transfer/transport, and administrative functions. Cost: \$9,382,116; Role: Electrical Engineer		
d	(1) TITLE AND LOCATION <i>(City and State)</i> National Guard Armory Lake City FMS # 8 Fleet Maintenance Facility Renovation, Lake City, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Field Maintenance Shop at the Florida National Guard Armory in Lake City had reached the end of its lifecycle, necessitating a comprehensive renovation of its maintenance shops, breakroom, storage areas, work bays, restrooms, and offices. The project also involved upgrading the facility's accessibility, mechanical systems, and electrical systems to meet current building codes. Additionally, the work included demolishing an existing storage building and designing a new pre-engineered metal-frame building, along with an access road, to serve as a new maintenance storage facility. Construction Cost: \$1,183,000; Role: Electrical Engineer		
e	(1) TITLE AND LOCATION <i>(City and State)</i> City of Lynn Haven City Hall & Police Facility Lynn Haven, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
		2021	2023
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm H2Engineering provided design services for a 42,810 SF City Hall, Police Department & EOC in Lynn Haven, FL. The storm-hardened facility, with redundant power and mechanical systems, ensures continued community service during severe weather. The historic City Hall was preserved and renovated for office use, and the project includes a courtyard for community events. Construction Cost: \$14,860,000; Role: Electrical Engineer		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michael Richmond	Architect of Record	36	10

15. FIRM NAME AND LOCATION *(City and State)*Brame Heck Architects Inc. | *Gainesville, FL*16. EDUCATION *(Degree and Specialization)*

Harvard University Graduate School of Design, Master of Architecture

University of Florida, Bachelor of Design

17. CURRENT PROFESSIONAL REGISTRATION

FL / Architecture / AR19268

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)**American Institute of Architects, AIA Gainesville Board President 2019, NCARB Member, LEED Accredited Professional, member of the Society of Building Science, Educators 2010-present***19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Gainesville High School Stage Exit & Bus Loop <i>Gainesville, FL</i>	2023	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Size: 10,200 sf Cost: \$262,750 Specific Role: Principal Architect Scope: This project modified the exits from the stage in the Auditorium by adding a code compliant ramp which required a reconfiguration of the sidewalk and curb along the bus loop. Construction is pending further funding.		
City of High Springs Farmer's Market Pavilion <i>High Springs, FL</i>	2018	2020
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Size: 3,131 sf Cost: \$265,000 Specific Role: Principal Architect Scope: This USDA grant funded project for an open-air engineered metal building required reinforced concrete footings and slab on grade bearing on sandy soils.		
Hernando Beach Fire Station 6 Remodel <i>Hernando Beach, FL</i>	2020	2023
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Size: 5,846 sf Cost: \$2,259,755 Specific Role: Principal Architect Scope: This grant-funded remodel project was located in a Coastal Wave Action Zone and included new crew quarters, a new kitchen, additional restrooms and offices. The original apparatus bay and local artwork were retained		
Bradford County Emergency Operations Center <i>Bradford County, FL</i>	2022	N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Size: 7,923 sf Cost Budget: \$5.7M Specific Role: Principal / Project Manager Scope: Intended as a storm shelter, this project included operations rooms, offices, and showers. The design was funded with a State of Florida design-only grant and is pending further funding for construction and site design.		
City of Gainesville ADA Compliance Upgrades <i>Gainesville, FL</i>	2022	2023
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Size: Varies by location Cost: \$2.5M Specific Role: Principal / Project Manager Scope: This project included feasibility surveys and code compliant corrections at eight buildings in various locations including the Thomas Center and the Old Post Office Building (The Hippodrome).		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sergio Reyes, P.E.	13. ROLE IN THIS CONTRACT Civil Engineering/Permitting	14. YEARS EXPERIENCE a. TOTAL: 42 b. WITH CURRENT FIRM 34	
15. FIRM NAME AND LOCATION (City and State) eda consultants, inc. - Gainesville, FL 32601			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Civil Engineering, St. Thomas University – Bogotá, Columbia		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer #47311	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Water Works Association American Society of Civil Engineers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	Celebration Pointe Transit Oriented Development (TOD) Alachua County, FL	PROFESSIONAL SERVICES 2016-present	CONSTRUCTION (If Applicable) ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 240 +/- acre TOD at Archer Road & I-75 has 2,225 residential units and 896,000 SF of non-residential. Significant road improvements were required including a new bridge over I-75, a central roundabout, and an RTS park & ride facility, as well as significant on and off site utility improvements. Mr. Reyes has assisted the developer with the civil engineering, master planning and permitting since 2016.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 27,000 +/- SF hotel with 143 rooms, 18k SF of retail space, and 24k SF of office space is surrounded on all sides by busy downtown streets, requiring extensive coordination and significant improvements in city right-of-way. As project manager, Reyes worked closely with GRU, City of Gainesville, Department of Mobility, and CRA to resolve issues such as utility service points, required setbacks from utilities, and design of drop-off and loading areas.		
b.	Hyatt Downtown - Gainesville, FL	PROFESSIONAL SERVICES 2018-2022	CONSTRUCTION (If Applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Utility engineering and permitting services for an \$11 million terminal expansion to the passenger terminal of Gainesville Regional Airport, adding 15,200 square feet and two additional gates. The improvements were undertaken to accommodate increased passenger traffic and demand, while providing a variety of improved amenities and services. Utility improvements included design of a water main, lift station, and force main. eda also coordinated permitting with the City of Gainesville and St. Johns River Water Management District. Mr. Reyes served as the Civil Engineer of Record and oversaw the preparation of civil site plans and a development plan package.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Aircraft Rescue Fire Fighting Station (ARFF) at Gainesville Regional Airport is an 8,700 square foot fire station, built to serve the airport, with associated utility and stormwater improvements. Mr. Reyes designed and permitted the stormwater system to serve the facility, assisted in the preparation of the full development plan package, and facilitated permitting with City of Gainesville, Gainesville Regional Utilities, and St. John's River Water Management District.		
c.	Gainesville Regional Airport – Terminal Expansion Gainesville, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Aircraft Rescue Fire Fighting Station (ARFF) at Gainesville Regional Airport is an 8,700 square foot fire station, built to serve the airport, with associated utility and stormwater improvements. Mr. Reyes designed and permitted the stormwater system to serve the facility, assisted in the preparation of the full development plan package, and facilitated permitting with City of Gainesville, Gainesville Regional Utilities, and St. John's River Water Management District.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordinated with all sub-consultants for final design of the Gainesville Regional Airport Access Road to include permitting with the City of Gainesville, St. Johns River Water Management District and Gainesville Regional Utilities. Also provided the Client with Construction Administration and Bid Services including the preparation of Bid Documents, attendance at all required meetings, and review and presentation of all Bid Proposals.		
d.	Gainesville Regional Airport - Aircraft Rescue Fire Fighting Station Gainesville, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordinated with all sub-consultants for final design of the Gainesville Regional Airport Access Road to include permitting with the City of Gainesville, St. Johns River Water Management District and Gainesville Regional Utilities. Also provided the Client with Construction Administration and Bid Services including the preparation of Bid Documents, attendance at all required meetings, and review and presentation of all Bid Proposals.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordinated with all sub-consultants for final design of the Gainesville Regional Airport Access Road to include permitting with the City of Gainesville, St. Johns River Water Management District and Gainesville Regional Utilities. Also provided the Client with Construction Administration and Bid Services including the preparation of Bid Documents, attendance at all required meetings, and review and presentation of all Bid Proposals.		
e.	Gainesville Regional Airport - Access Road Phase II Gainesville, Florida	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordinated with all sub-consultants for final design of the Gainesville Regional Airport Access Road to include permitting with the City of Gainesville, St. Johns River Water Management District and Gainesville Regional Utilities. Also provided the Client with Construction Administration and Bid Services including the preparation of Bid Documents, attendance at all required meetings, and review and presentation of all Bid Proposals.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordinated with all sub-consultants for final design of the Gainesville Regional Airport Access Road to include permitting with the City of Gainesville, St. Johns River Water Management District and Gainesville Regional Utilities. Also provided the Client with Construction Administration and Bid Services including the preparation of Bid Documents, attendance at all required meetings, and review and presentation of all Bid Proposals.		
f.	Alachua County Courthouse Complex Gainesville, Florida	PROFESSIONAL SERVICES 2024-present	CONSTRUCTION (If Applicable) 2025 (est)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Reyes coordinated civil design in support of Alachua County's new approx. 87,000 SF civil courthouse building in the City of Gainesville, with associated central energy facility and 5-story parking garage. Mr. Reyes prepared full utility plans and permitted modifications through Gainesville Regional Utilities in order to relocate and improve existing service for the expansion, including design of a dedicated transformer for the chiller plant, infrastructure to support solar panels for EV charging, and an urban walkway as required by the PD conditions. eda also facilitated necessary permitting with the City of Gainesville and St. Johns River Water Management District for the overall project.		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Reyes coordinated civil design in support of Alachua County's new approx. 87,000 SF civil courthouse building in the City of Gainesville, with associated central energy facility and 5-story parking garage. Mr. Reyes prepared full utility plans and permitted modifications through Gainesville Regional Utilities in order to relocate and improve existing service for the expansion, including design of a dedicated transformer for the chiller plant, infrastructure to support solar panels for EV charging, and an urban walkway as required by the PD conditions. eda also facilitated necessary permitting with the City of Gainesville and St. Johns River Water Management District for the overall project.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Clay Sweger, AICP, LEED AP		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
				a. TOTAL: 24	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) eda consultants, inc. - Gainesville, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) BA Political Science – University of Florida MA Urban & Regional Planning – University of Florida		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) American Institute of Certified Planners (AICP) #021983 Leadership in Energy & Environmental Design – Accredited Professional (LEED AP) American Planning Association (APA) Member			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) 2024-Present Gainesville Alachua County Association of Realtors (GACAR) Political Involvement Committee 2014-Present UF Florida Blue Key Alumni Advisory Board 2013-Present University of Florida Mentor/Protégé Program; 2012-Present UF Theta Chi Fraternity Realty Corporation 2012-2020 University of Florida Bergstrom Center for Real Estate Studies Advisory Board Member; 2017-2020 Gainesville Chamber of Commerce Infrastructure Investment Initiative (I3) Committee 2007-2009 City of Gainesville Development Review Board Member; Leadership Gainesville, Class XXXI; Alachua County Emerging Leaders (ACEL)					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Alachua County Civil Court Complex Planned Development (PD) Gainesville, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2023	CONSTRUCTION (If Applicable) 2025 (est.)	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sweger prepared an amendment to a 2001 PD ordinance for the Alachua County court complex in Downtown Gainesville, comprising criminal and civil courts and support court services over an area of 3 blocks. The revised PD removed antiquated conditions from the 2001 ordinance that have been satisfied and includes new conditions that better reflect present circumstances, including existing site conditions, the updated City of Gainesville Land Development Code, and proposed future development by Alachua County. eda is continuing to provide engineering for the ongoing court complex development.		[X] Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) City of Gainesville Downtown Strategic Plan Gainesville, FL		(2) YEAR COMPLETED		
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sweger served as a supporting planning consultant on the City of Gainesville's project team to develop the Downtown Gainesville Strategic Master Plan. The project sought to identify recommendations to update the City of Gainesville Comprehensive Plan and Land Development Code in support of the newly developed Plan. Being highly familiar with the City of Gainesville's code, Mr. Sweger was a natural choice for this role.		[X] Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Springhills Transit-Oriented Development (TOD) Alachua County, FL		(2) YEAR COMPLETED		
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This TOD comprises approximately 623 acres near the intersection of I-75 and NW 39th Avenue in Alachua County. Mr. Sweger led the permitting of the Preliminary Development Plan (PDP) with Alachua County. The eda team is using his overall design guidelines, including a transportation network plan, to design and permit further phases of the ongoing development. The project includes significant Conservation Management Areas in the SW and NE quadrants of the property, for which Mr. Sweger helped create a Conservation Management Plan.		[X] Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Gainesville-Alachua County Regional Airport Master Plan Gainesville, FL		(2) YEAR COMPLETED		
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Sweger prepared an Airport Master Plan update, which included an inventory of all existing facilities, environmentally sensitive areas, and potential aeronautical and non-aeronautical development areas within and around the approximately 1,000 acre airport property. The plan also involved a master development plan to assist the airport in marketing potential development properties fronting Waldo Road and the new Main Access Road.		[X] Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Seaboard Drive Concept Planning Newberry, FL		(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES 2020		CONSTRUCTION (If Applicable) TBD	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prepared a city-initiated mixed-use development conceptual master plan in the core of the city in order to help promote economic development activity in the City's Community Redevelopment Area (CRA).					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Jared Rogers, P.S.M.		13. ROLE IN THIS CONTRACT Project Surveyor		14. YEARS EXPERIENCE	
				a. TOTAL: 21	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) eda consultants, inc. - Gainesville, FL 32601					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Geomatics, University of Florida			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Surveyor and Mapper #6687		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> • Florida Surveying and Mapping Society • Gainesville-Alachua County Association of Realtors, Featured Business Partner • Gainesville-Alachua County Association of Realtors, Affiliate Member • Women's Council of Realtors, Local Sponsor & Affiliate Member 					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Gainesville Regional Airport Property Inventory Map Gainesville, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2024	CONSTRUCTION (If Applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p>[X] Check if project performed with current firm</p> <p>eda provided the surveying services necessary to revise/update the Airport's Exhibit 'A' Airport Property Inventory Map and bring it into compliance with the FAA's Standard Operating Procedure (SOP) and corresponding review checklist. Mr. Rogers used data from property deeds, release documents, old surveys, right-of-way maps, and other available records in order to compile an accurate base map of the airport property. Mr. Rogers coordinated with airport personnel regarding Runway Protection Zones (RPZ) and other non-mapping elements.</p>				
b.	(1) TITLE AND LOCATION (City and State) Gainesville Regional Airport Terminal Expansion Gainesville, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p>[X] Check if project performed with current firm</p> <p>Surveying services for an \$11 million terminal expansion to the passenger terminal of Gainesville Regional Airport, adding 15,200 square feet and two additional gates. The improvements were undertaken to accommodate increased passenger traffic and demand, while providing a variety of improved amenities and services. eda anticipates performing additional work on future phases of expansion. eda provided 24+/- acres of detailed topographic survey in support of engineering design, including location of all traceable underground utilities within the project site. eda surveyors also provided construction stakeout services and a final as-built of the building and stormwater system. Mr. Rogers served as the Project Surveyor and managed all aspects of field work and office work associated with this survey.</p>				
c.	(1) TITLE AND LOCATION (City and State) Springhills Transit-Oriented Development Alachua County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018-present	CONSTRUCTION (If Applicable) ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p>[X] Check if project performed with current firm</p> <p>Jared and his team completed an ALTA/NSPS land title survey of a total of 623 acres of undeveloped land near the intersection of I-75 and NW 39th Avenue in Alachua County. They also completed a full topographic and tree survey with underground utility location, including coordination with subconsultant for aerial LiDAR imaging for development projects in the SW and SE quadrants of the property. Jared provided legal descriptions and sketches of Conservation Management Areas in the SW and NE quadrants of the property.</p>				
d.	(1) TITLE AND LOCATION (City and State) Oaks Preserve Subdivision Gainesville, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016-2022	CONSTRUCTION (If Applicable) 2019-2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p>[X] Check if project performed with current firm</p> <p>Jared was the surveyor of record for a 296-lot, 95-acre subdivision on SW Archer Rd/SR 24 in Gainesville, FL constructed in four phases. Services provided included setting lot corners and a topographic survey of approx. 1,800 ft of SR 24 to support engineering design of proposed median openings, turn lanes, and roadway & utility connections. Also prepared boundary surveys, legal descriptions & sketches, subdivision plats, a FEMA LOMR application, and many varied easements including Public Utility, Ingress/ Egress, and Emergency Access.</p>				
e.	(1) TITLE AND LOCATION (City and State) Gainesville Regional Airport - Taxiway Alpha & Taxiway Echo Gainesville, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p>[X] Check if project performed with current firm</p> <p>eda completed a Topographic Survey at the Gainesville Regional Airport to support engineering design of multiple taxiways and airport facilities. The survey included over 5,000 feet of Taxiway Alpha, portions of Taxiway Echo, portions of Runway 11-29, portions of Runway 7-25, Taxiway Delta, portions of Taxiway Charlie, along with Taxiways Echo-1, Echo-2, Echo-3, Echo-4, & Echo-5. Mr. Rogers established horizontal and vertical control, balanced & adjusted all control, provided direction & comments to CAD and field personnel, performed field work, performed quality control, and managed all field & office work associated with the successful completion of this survey.</p>				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Kaley Rice, PLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL: 13	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) eda consultants, inc. - Gainesville, FL 32601			
16. EDUCATION (DEGREE AND SPECIALIZATION) BA Landscape Architecture – University of Florida		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Landscape Architect #LA 666-7256	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Alachua County Cuscowilla Fire Station Micanopy, FL	2024	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape design to accompany a phased development plan for a new fire station to serve the Town of Micanopy and surrounding areas. The first phase of the project involved redevelopment of the existing mobile home on site to house a temporary fire station facility and the required site improvements (access, stormwater, other infrastructure). The second phase, currently under construction, is the design of a permanent fire station building and the improvements required by Alachua County Fire Rescue for a full fire station facility (parking, fire systems, access points, etc.). The project scope included a including mitigation and planting plan, utilizing design compliant with City of Gainesville Land Development Code. The role performed was Lead Landscape Architect and Landscape Architect of Record.		
b.	Alachua County Scottish Inn Gainesville, FL	2024	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape design for the redevelopment of an existing motel property for Alachua County's new permanent supportive housing program, which includes the construction of 29 "tiny home"-style detached units, including civil improvements to the existing site including utilities, lighting, stormwater, parking, driveways, and sidewalks. The project scope included a including mitigation and planting plan, utilizing design compliant with City of Gainesville Land Development Code. The role performed was Lead Landscape Architect and Landscape Architect of Record.		
c.	Sunrail Orlando, FL (Multiple Cities Central Florida)	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SunRail (Central Florida Commuter Rail Transit) spans 61 miles of former rail freight tracks, connecting Deland to Poinciana across three counties. The project scope includes the design of stations, parking areas, and surrounding landscapes, with a focus on sustainable, native plant species selected based on soil assessments and historical vegetation. The role performed was Landscape Designer and CAD Technician.		
d.	Sunshine State RV Gainesville, FL	2022	2025 (est.)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape design for an RV dealership offering sales and maintenance. The project comprises approximately 3 acres of impervious across 10 total acres. The project scope included a including mitigation and planting plan, utilizing design compliant with City of Gainesville Land Development Code. The role performed was Lead Landscape Architect and Landscape Architect of Record.		
e.	Celebration Pointe Transit-Oriented Development (TOD) Alachua County, FL	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Celebration Pointe TOD, is a 240 +/- acre TOD, comprising a mix of residential and non-residential uses. Ms. Rice served as lead Landscape Architect and Landscape Architect of Record for several different "blocks" of this large and complicated project, including parking garages, apartments, commercial buildings, trails, and others. In addition to planting tree mitigation and planting plans, Ms. Rice provided design for "parklets" on some development plans, as required by the master plan conditions approved by Alachua County for the purpose of enhancing form and function of the TOD.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

2025-991

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Monrad R Thue	Principal Structural Engineer	a. TOTAL 40	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION (City and State) GSE Engineering & Consulting, Inc., Gainesville, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS in Civil Engineering - University of Florida, 1978 Master of Engineering (Structural) University of Florida, 1983		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (Structural) - Florida 32071	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers			

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Evaluation of Alachua County Transfer Station and New Citizen's Drop-Off Center - Gainesville, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided evaluation of the existing Leveda Brown Transfer Station and recommendations for repairing areas of concern. Provided evaluation of a new Citizen's Drop-Off Center and recommendations for the construction of the new center. Repair costs and construction costs are estimated at \$1.5 million.		
b.	(1) TITLE AND LOCATION (City and State) Sugarmill Woods WWTP Citrus County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (if applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Structural Engineer (GSE Engineering), Sugarmill Woods WWTP, Citrus County, Florida. Lead Structural engineer responsible for the design and development of construction documents for all facilities. Structures included a headworks, oxidation basin, clarifiers, chlorine contact basin, and sludge holding tanks. Total project construction cost was \$20 million.		
c.	(1) TITLE AND LOCATION (City and State) Kanapaha WRF Headworks Gainesville, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Structural Engineer (GSE Engineering), GRU Kanapaha WRF Headworks Rehabilitation, Gainesville, Florida. Responsible for design and inspections for structural repairs due to extensive H2S damage to concrete boxes and channels. Total construction cost was \$1.7 million.		
d.	(1) TITLE AND LOCATION (City and State) The Standard Gainesville, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (if applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided Threshold Engineering services to confirm that all structural components of the project were constructed according to plans, specifications, and the ongoing requirements of the Engineer of Record. These services included full time structural inspections, coordination with the developer and the City, and coordination with the Engineer of Record to ensure construction was performed properly. Cost of construction was approximately \$145 million.		
e.	(1) TITLE AND LOCATION (City and State) Building 1017 Atrium Infill Renovations UF College of Veterinary Medicine, Gainesville, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided structural engineering design services and structural inspections for the addition of a 2 nd and 3 rd floor within the Atrium of the existing Building 1017. Cost of construction was approximately \$500,000.00		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

2025-991

12. NAME John C. Newcombe	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE a. TOTAL 15 b. WITH CURRENT FIRM 15	
15. FIRM NAME AND LOCATION (City and State) GSE Engineering & Consulting, Inc., Gainesville, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Civil Engineering (Structural) University of Florida, 2009		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida- P.E.	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <div style="display: flex; justify-content: space-between;"> <div> OSHA Certification – Fall Protection ACI Concrete Field Testing Technician - Grade 1 ACI Concrete Special Inspector Nuclear Gauge Safety Certification </div> <div> Haz-Mat Certification Level 1 Unbonded PT Installation </div> </div>			

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	The Bartram Apartments, Gainesville, Florida.	2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record. Responsible for the permit documents of the four-story re-construction for the structurally damaged exterior wall framing.		
b.	UF Constans Theatre Ceiling Replacement, University of Florida Gainesville, Florida	2024	NA
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Under supervision of the Engineer of Record, responsible for attending design team meetings, providing design concepts, and coordination of Revit model of hanging catwalk system for theatre production personnel.		
c.	Various Commercial and Residential Properties	2018-2024	2018-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Design Engineer, Various Projects, Florida. Responsible for load calculations and member sizes for permit documents of one-story and two-story buildings.		
d.	Various Commercial and Residential Properties	2010-2022	2010-2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Inspections, Various Projects, Florida. Responsible for inspections of threshold buildings, grouting operations, underpinning repairs, augured cast-in-place pile construction and pile load tests for multiple structures.		
e.	The Courtyards Apartment Complex Gainesville, Florida	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Threshold Inspector Field Representative. Under supervision of the Threshold Inspector, responsible for inspection of reinforced concrete placement and reinforced CMU placement for foundations, walls, columns, two-way slab systems, and beams. Also inspected construction of augured cast-in-place concrete piles and structural steel and wood framing. \$30 million		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

 (Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

South Dade Bus Maintenance Facility
Miami Dade, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2023

CONSTRUCTION (if applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Miami Dade County - Department of
Transportation & Public Works

b. POINT OF CONTACT NAME

Alfredo Munoz

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 375-4891

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This South Dade Bus Maintenance Facility project aims to establish a state-of-the-art facility to support the MDC-DTPW's bus fleet operations. The facility is designed to accommodate up to 100 Battery-Electric Buses (BEBs) with a focus on efficient charging and maintenance solutions. Key features include a two-story structure, where the ground level covering 54,414 square feet will house maintenance areas, parts storage, and other support spaces, while the upper level covering 27,762 square feet will serve as the transportation area with dispatch and driver facilities, as well as training rooms.

To ensure smooth operations, this project includes several critical elements consisting of a dedicated bus parking area equipped with an overhead pantograph charging system, a single-level deck for employee and visitor parking, and pedestrian access via a bridge from the parking deck to the transportation area - additional facilities include a service island, a wash station with water reclaim capabilities, and security checkpoints. With provisions for charging infrastructure, stormwater management, landscaping, and low-voltage systems (e.g., fire alarm, CCTV cameras, and security), this comprehensive facility will enhance fleet sustainability and reliability, while supporting the region's public transportation needs.

RELEVANCE TO SCOPE

- ✓ Battery-Electric Buses
- ✓ Sustainable transit solutions
- ✓ Overhead pantograph charging systems
- ✓ Stormwater management
- ✓ Low-voltage systems (fire alarm, CCTV, security)
- ✓ Vehicle wash stations with water reclaim capabilities
- ✓ Transit hub facilities (dispatch, driver amenities, training)

COST
Cost: \$13.5 MM

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	HBC Engineering Company	Orlando, FL	Drainage, S&PM, Pedestrian Lighting, Sidewalk and Shared-Use Path Construction

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)

The Underline Multimodal Urban Trail

Miami, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2019

CONSTRUCTION (if applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Miami Dade County - Department of Transportation & Public Works

b. POINT OF CONTACT NAME

Mario B. Rojas IV, PE

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 986-6417

HBC provided project management and multidisciplinary design services for Phase II of The Underline, a transformative 2.4-mile multimodal urban trail and public space beneath Miami-Dade County's Metrorail system. Spanning from SW 13th Street to SW 19th Avenue, this Design-Build initiative integrates sustainable infrastructure, promotes active transportation, and enhances community connectivity.

KEY FEATURES INCLUDE:

- Shared-use pathways for pedestrians and cyclists.
- Wayfinding signage, street furniture, and pedestrian-scale lighting.
- Landscaping and drainage improvements to optimize safety and usability.
- Coordination with utility companies, Miami-Dade County, and the City of Miami for permitting and compliance with ADA, FDOT, and MUTCD standards.
- Archaeological monitoring and environmental assessments.

This project demonstrates HBC's ability to manage complex urban infrastructure projects, emphasizing multimodal connectivity and compliance with stringent regulatory requirements.

RELEVANCE TO SCOPE

- ✓ Shared-use paths
- ✓ ADA compliance
- ✓ Wayfinding signage
- ✓ Lighting design
- ✓ Urban trail infrastructure
- ✓ Public involvement
- ✓ Environmental and archaeological assessments

COST
Cost: \$ 20 MM

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. HBC Engineering Company	Orlando, FL	Civil Engineering, Electrical Design, Surveying, S&PM, Public Involvement

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

 (Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State)

Hollywood Gardens Sidewalk Complete Streets

Hollywood, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION (if applicable)

2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Federal Department of Transportation
District 4

b. POINT OF CONTACT NAME

Kenzot Jasmin, PE

c. POINT OF CONTACT TELEPHONE NUMBER

(407) 264-3113

HBC Engineering Company served as the Engineer of Record for this LAP-funded Complete Streets project in Hollywood Gardens, focused on improving multimodal connectivity, safety, and accessibility. The project included the construction of an interconnected sidewalk network and bicycle facilities.

SCOPE HIGHLIGHTS:

- Repairs to damaged sidewalks and harmonization with existing driveways.
- Utility coordination, drainage improvements, and landscape adjustments.
- Design of new sidewalks, bike lanes, and shared-lane bicycle facilities.
- Intersection lighting upgrades and ROW permitting.

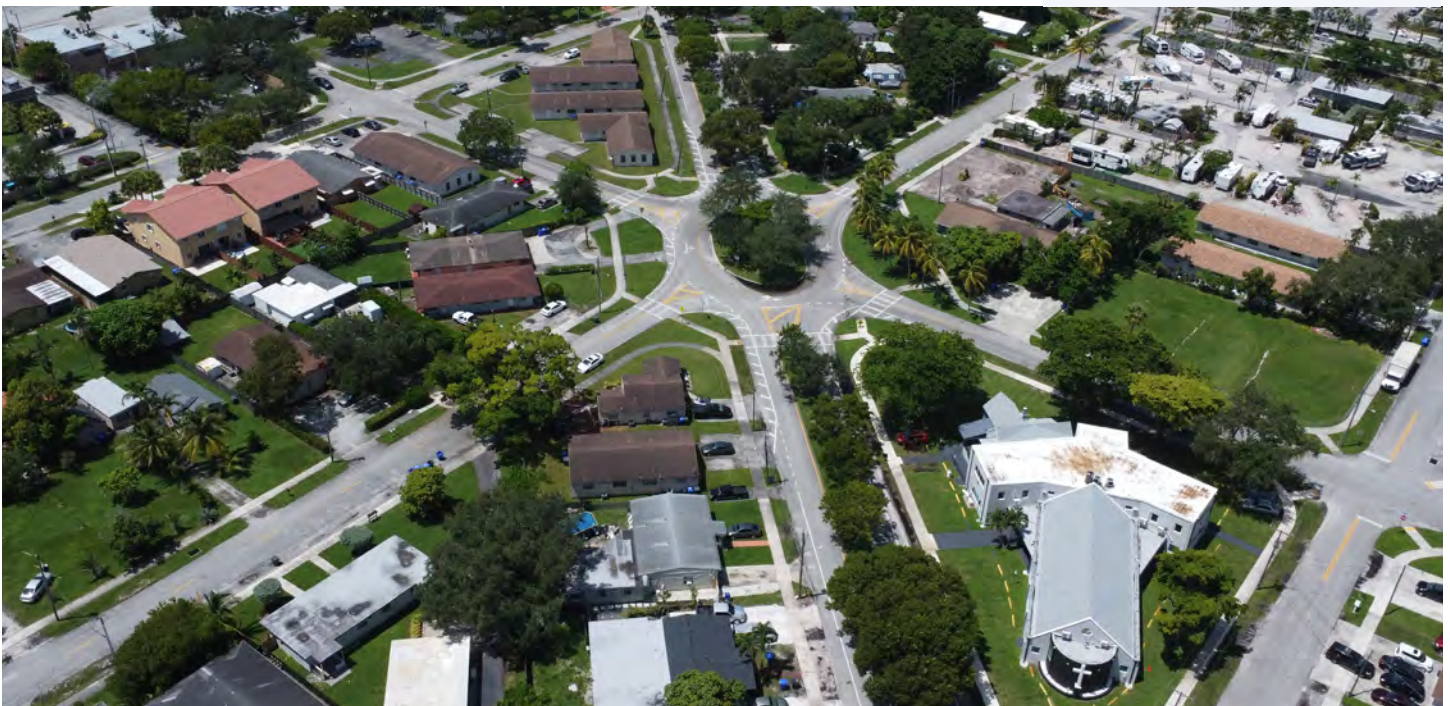
This project showcases HBC's expertise in delivering Complete Streets solutions that prioritize pedestrian and cyclist safety while addressing community needs in urban settings.

RELEVANCE TO SCOPE

- ✓ Complete Streets
- ✓ Sidewalk and bike lane design
- ✓ ADA compliance
- ✓ Drainage improvements
- ✓ Public and ROW coordination
- ✓ Utility conflict resolution

COST
HBC Fee: \$ 555 K

Cost: \$ 3.5 MM

Funded by
Local Agency
Program (LAP)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

HBC Engineering Company

(2) FIRM LOCATION (City and State)

Orlando, FL

(3) ROLE

Utility Coordination, Drainage Design, ADA
Compliance, Traffic, Roadway

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S
QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

SR-7/US-441 Transit Corridor Improvements

Broward, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if applicable)

2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Florida Department of Transportation
District 4

b. POINT OF CONTACT NAME

Robert Lopes, PE

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 777-4425

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

HBC Engineering Company delivered design and construction documentation for the SR-7/US-441 Transit Corridor Improvements, a LAP-funded project aimed at enhancing safety, multimodal connectivity, and transit reliability. As one of Broward County's busiest corridors, the project addressed critical infrastructure and mobility needs.

KEY ELEMENTS INCLUDED:

- Sidewalk and bike lane construction with ADA-compliant ramps to ensure accessibility and pedestrian safety.
- Enhanced pedestrian signals, lighting retrofits, and high-visibility pavement markings, reducing accidents and improving visibility.
- New midblock crossings for safer pedestrian access across major intersections.
- Development of a Community Awareness Plan (CAP) to engage stakeholders and maintain public communication.
- Extensive coordination with municipalities, FDOT, and utility providers to meet project goals efficiently.

HBC's role in delivering these improvements reflects our ability to enhance transit corridors through safe, efficient, and sustainable multimodal design.

RELEVANCE TO SCOPE

- ✓ Transit corridor design
- ✓ Sidewalk and bike lane improvements
- ✓ ADA compliance
- ✓ Pedestrian signals
- ✓ Lighting retrofits
- ✓ Safety enhancements
- ✓ Public involvement

COST
HBC Fee: \$ 722 K

Cost: \$ 4.4 MM


Funded by
Local Agency
Program (LAP)


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	HBC Engineering Company	Orlando, FL	Civil Engineering, Traffic, Planning, Roadway, Drainage, Utility Coordination, S&PM, Lighting.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)

Johnson Street PD&E Study
Hollywood, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2023

CONSTRUCTION (if applicable)

N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Hollywood

b. POINT OF CONTACT NAME

Dr. Wazir Ishmael

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 921-3201

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

HBC Engineering Company led the Johnson Street PD&E Study in Hollywood, Florida, a transformative initiative under Broward County's "Penny for Transportation" program. This Complete Streets project focused on balancing safety, accessibility, and multimodal infrastructure to create a user-friendly corridor.

SCOPE HIGHLIGHTS:

- Conceptual design for new sidewalks, dedicated bicycle lanes, and traffic-calming measures to improve pedestrian and cyclist safety.
- Drainage system enhancements to mitigate flooding and improve stormwater management.
- Enhanced lighting and traffic signal upgrades, ensuring safer crossings and improved visibility.
- Traffic analysis to optimize roadway functionality while accommodating transit stops and active transportation.
- Robust public involvement coordination to align project goals with community needs and expectations.

HBC's comprehensive approach reflects our ability to evaluate and develop impactful alternatives that enhance mobility, safety, and quality of life within urban corridors.

RELEVANCE TO SCOPE

- ✓ PD&E study
- ✓ Complete Streets design
- ✓ Sidewalk and bike lane construction
- ✓ Traffic analysis
- ✓ Drainage solutions
- ✓ ADA compliance
- ✓ Public involvement

COST

HBC Fee: \$ 150 K


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	HBC Engineering Company	Orlando, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
I-75 Rest Area and Environmental Education Project Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2021
23. PROJECT OWNER’S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida Department of Transportation D4	Vandana Nagole, PE	(954) 777-4680	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			

HBC Engineering Company provided design services for the I-75 Rest Area and Environmental Education Project, improving an existing rest stop to incorporate educational and recreational amenities while enhancing traffic flow, pedestrian safety, and aesthetics.

KEY SCOPE COMPONENTS INCLUDED:

- Reconfiguration of parking areas and access roads to improve traffic circulation and user accessibility.
- New pedestrian infrastructure, including sidewalks, crosswalks, boardwalks, and walking paths, ensuring safe and seamless movement.
- Lighting upgrades with energy-efficient LED luminaires to enhance nighttime visibility and safety.
- Site improvements such as an observation tower, covered pedestrian walkway, picnic pavilions, dog walking areas, and wetland exhibits.
- Signing and pavement marking design in compliance with MUTCD and FDOT standards to guide traffic safely through the rest area.

RELEVANCE TO SCOPE

- ✓ Pedestrian infrastructure
- ✓ Parking lot reconfiguration
- ✓ LED lighting design
- ✓ MUTCD-compliant signage
- ✓ Environmental education amenities
- ✓ Utility coordination

COST

HBC Fee: \$ 295 K

HBC's role also involved utility coordination and ensuring all proposed infrastructure enhancements were seamlessly integrated with existing facilities. The improvements enhanced user experience, accessibility, and environmental education opportunities, showcasing HBC's ability to deliver projects with functional and aesthetic value.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	HBC Engineering Company	Orlando, FL	S&PM, Lighting design, Utility coordination, Pedestrian walkway, Planning

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)

Northeast Transit Hub Enhancements
Miami, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2013

CONSTRUCTION (if applicable)

2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Miami Dade County - Department of
Transportation & Public Works

b. POINT OF CONTACT NAME

Orlando Capote, PE

c. POINT OF CONTACT TELEPHONE NUMBER

(786) 469

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

HBC Engineering Company delivered design and construction administration services for the Northeast Transit Hub Enhancements (NETHE) project at the 163rd Street Mall, improving transit operations, safety, and passenger amenities for the Miami-Dade Department of Transportation and Public Works (DTPW).

KEY PROJECT FEATURES INCLUDED:

- Full roadway reconstruction with drainage enhancements, milling, resurfacing, and utility coordination.
- Design of six saw-tooth bus bays with 9" thick concrete pads to support transit operations.
- Installation of new bus shelters, bike racks, trash receptacles, and pedestrian-scale lighting to enhance user comfort and safety.
- ADA-compliant ramps and upgraded sidewalks to ensure accessibility for all users.
- Landscaping and signage improvements to create a functional, visually appealing, and user-friendly transit hub.
- Development of Maintenance of Traffic (MOT) plans to minimize disruptions during construction.

HBC's role encompassed the preparation of biddable, permissible design plans and specifications, coordination with regulatory agencies, and construction oversight to ensure project success. This project demonstrates HBC's ability to deliver transit infrastructure enhancements that improve mobility, safety, and user experience.

RELEVANCE TO SCOPE

- ✓ Transit hub design
- ✓ ADA-compliant infrastructure
- ✓ Saw-tooth bus bays
- ✓ Pedestrian-scale lighting
- ✓ Drainage improvements
- ✓ MOT plans
- ✓ Utility coordination

COST

HBC Fee: \$ 261 K

Cost: \$ 1 MM


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

HBC Engineering Company

(2) FIRM LOCATION (City and State)

Orlando, FL

(3) ROLE

Roadway, Bus Stop, Drainage, S&PM, Lighting,
Signals

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

8

21. TITLE AND LOCATION (City and State)

Bus Express Rapid Transit (BERT) Systemwide

Miami, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2017

CONSTRUCTION (if applicable)

2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Miami Dade County - Department of Transportation & Public Works

b. POINT OF CONTACT NAME

Odalys Delgado

c. POINT OF CONTACT TELEPHONE NUMBER

(305) 710-8711

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

HBC was a key contributor to the Bus Express Rapid Transit (BERT) Systemwide project, a critical component of the Strategic Miami Area Rapid Transit (SMART) Plan. The project aimed to enhance regional connectivity by establishing eight long-haul BERT routes throughout Miami-Dade County, improving transit reliability, efficiency, and operational performance.

HBC was tasked with producing a comprehensive traffic operations report that analyzed current bus operations and developed recommendations for transit-oriented upgrades at critical intersections along the BERT network.

KEY CONTRIBUTIONS INCLUDED:

- Transit Signal Priority (TSP) strategies, such as bus detection, green extensions, queue jumps, and pre-emption, to improve bus flow and minimize delays.
- Development of bus-only lanes and queue jump lanes to prioritize transit movement while reducing congestion.
- Extensive data collection efforts, including 24-hour classification counts, turning movement counts, travel time/speed studies, and queue length assessments.
- Cutting-edge technology deployment, such as Miovision Scout units for continuous traffic data collection and drones for accurate queue length calibration.
- Development and calibration of Synchro and VISSIM models to simulate current and future traffic conditions, optimize signal timing, and test TSP recommendations.
- Forecasting future transit demand using the Southeast Regional Planning Model (SERPM 7) to ensure systemwide efficiency.

HBC's optimized solutions minimized the need for extensive geometric changes while delivering innovative signal timing and transit enhancements that improved operational performance across the BERT system. This project highlights HBC's technical expertise in transit analysis, traffic modeling, and data-driven decision-making to deliver efficient and reliable transit infrastructure solutions.

RELEVANCE TO SCOPE

- ✓ Bus Express Rapid Transit (BERT)
- ✓ Transit Signal Priority (TSP) Queue jump lanes
- ✓ Synchro and VISSIM modeling
- ✓ Signal optimization
- ✓ Data collection and analysis
- ✓ Southeast Regional Planning Model (SERPM 7)
- ✓ Traffic operations report



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)

High Springs Farmer's Market Pavilion
High Springs, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if applicable)

2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of High Springs

b. POINT OF CONTACT NAME

Jennifer Stull, Finance Director

c. POINT OF CONTACT TELEPHONE NUMBER

(386) 454-1416 Ext. 1

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Size: 3,131 sf | **Cost:** \$265,000

Scope: The City of High Springs proposed the development of a one-story farmer's market pavilion, or an open-air engineered metal building. This was constructed on a parcel in downtown High Springs between the Chamber of Commerce building and Northeast Second Street. Minor site improvements occurred to accommodate accessible parking and any USDA requirements. The foundation is conventional reinforced concrete footings and slab-on-grade bearing on sandy soils. Subconsultants assisted Brame Heck Architects, Inc. with an associated parking lot, driveway connections, stormwater management, and utility service connections.

Relevance: The City of High Springs Farmer's Market Pavilion is a new open air engineered metal building. The project included programming and user surveys, significant space planning, and strict budgetary constraints. The project also involved site improvements, ADA accessible parking, and USDA grant funding requirements.

RELEVANCE TO SCOPE

- ✓ Accessible Parking
- ✓ Programming & User Surveys
- ✓ Space Planning
- ✓ USDA Grant Funding

COST

Cost: \$265,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

Brame Heck Architects Inc.

(2) FIRM LOCATION (City and State)

Gainesville, FL

(3) ROLE

Architect of Record

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

21. TITLE AND LOCATION (City and State)

National Guard Armory Lake City FMS # 8 Fleet Maintenance Facility
Renovation, Lake City, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2017

CONSTRUCTION (if applicable)

2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Florida National Guard

b. POINT OF CONTACT NAME

Kenneth Woodruff

c. POINT OF CONTACT TELEPHONE NUMBER

(904) 823-0272

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Field Maintenance Shop at the Florida National Guard Armory in Lake City had reached the end of its lifecycle, necessitating a comprehensive renovation of its maintenance shops, breakroom, storage areas, work bays, restrooms, and offices. The project also involved upgrading the facility's accessibility, mechanical systems, and electrical systems to meet current building codes. Additionally, the work included demolishing an existing storage building and designing a new pre-engineered metal-frame building, along with an access road, to serve as a new maintenance storage facility.

RELEVANCE TO SCOPE

- ✓ Work Bays
- ✓ Offices, restrooms
- ✓ Planning
- ✓ Roas Access

COST

Cost: \$1,183,000


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.

(1) FIRM NAME

H2Engineering, Inc.

(2) FIRM LOCATION (City and State)

Tallahassee, FL

(3) ROLE

MEPF Engineer

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Adebayo Coker, PE	Principal-in-Charge	X	X	X	X	X	X	X	X		
Juan J. Flores, Jr., PhD, MBA	Project Manager Chief Engineering Technician										
Edgar Diaz, MS, PE, PSM	Cost Estimating/Forecasting	X	X	X	X	X	X	X	X		
Jorge Rodriguez, PE	QA/QC				X			X	X		
Christopher Soto, PE, RSO	Constructability Reviewer			X	X						
Sonny Abia, PhD, PE	Chief Engineer Structural				X						
Orlando Penate, EE, PE, IMSA II	Senior Electrical Engineer			X	X						
Hernan Lugo, MS, PE, CFM	Erosion & Sediment Control		X		X						
Claudia Bustamante, MS, PE	Signing & Pavement Markings							X			
Daniel Rodriguez, MS, PE, IMSA II	ITS/ EV Engineer										
Moatz Saad, PhD, MS, PTOE	Traffic Safety				X						
Michael Richmond, AIA, NCARB, LEED	Architect of Record									X	
Sergio Reyes, PE	Civil Engineering & Permitting									X	
Clay Sweger, AICP, LEEP AP	Urban Planning & Permitting										
Jared Rogers, PSM	Surveying & Mapping										
Kayley Rice, RLA	Landscape Architecture										
Ryan Chewing, P.E., CxA, LEED AP	Mechanical, Plumbing & Fire										X
Danny Haberfeld, P.E., RCDD	Electrical Engineer										X
Monrad R. Thue, PE	Structural Engineer										
John C. Newcombe, PE	Geotechnical Engineer										

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	South Dade Bus Maintenance Facility	6	I-75 Rest Area and Environmental Education Project
2	The Underline Multimodal Urban Trail	7	Northeast Transit Hub Enhancements
3	Hollywood Gardens Sidewalk Complete Streets	8	Bus Express Rapid Transit (BERT) Systemwide
4	SR-7/US-441 Transit Corridor Improvements Phase 1	9	High Springs Farmer's Market Pavilion
5	Johnson Street PD&E Study	10	National Guard Armory Lake City FMS # 8 Fleet Maintenance Facility

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.



HBC Engineering Company is a uniquely qualified engineering firm, specialized in planning, design, and construction inspection services for civil, structural, transportation, and water resources related engineering projects for a broad range of industries. We offer a full array of design and engineering services for all design tasks including but not limited to Transportation Planning, Mass Transit Operation, Highway Design Roadway, Highway Design Bridges, Structural Engineering, Electrical Engineering, Environmental Engineering, as well as provide Public Involvement services. Work is tailored to specific project needs, setting us apart from other firms. We understand that the quality of our work is the legacy we leave behind and that which represents our clients, which is why we pride ourselves on incomparable performance, relentless attention to detail, and unsurpassed quality. Throughout

the years, HBC has provided industry expertise, timely submittals, and cost-effective service to a broad range of clients, while remaining competitive in the market, ensuring lasting relationships with many of these clients. As we continue to grow, we stand committed to this and we pledge to continue to strive for excellence and the personal attention you deserve.

HBC offers a depth of staff, a precise mix of talent, commitment to quality, customer service, and a project management approach that guarantees success on any contract.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

A handwritten signature in black ink, appearing to read "Juan J. Flores".

32. DATE

1/25/25

33. NAME AND TITLE

Juan J. Flores, PhD, MBA | Project Manager & Planner

ARCHITECT - ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

RTSX-250031-DS


PART II - GENERAL QUALIFICATIONS*(If a firm has branch offices, complete for each specific branch office seeking work)*

2a. FIRM (or Branch Office) NAME HBC Engineering Company			3. YEARS ESTABLISHED 2006	4. UNIQUE ENTITY IDENTIFIER 801830535
2b. STREET 2700 Westhall, Lane Suite 225			5. OWNERSHIP	
2c. CITY Maitland			2d. STATE FL	2e. ZIP CODE 32751
6a. POINT OF CONTACT NAME AND TITLE Juan J. Flores, PhD			a. TYPE Corporation	
6b. TELEPHONE NUMBER (202)486-5956			b. SMALL BUSINESS STATUS Active CBE, DBE, LDB, MBE, & SBE	
6c. E-MAIL ADDRESS jflores@hbcengineeringco.com			7c. NAME OF THE FIRM (If Block 2a is a Branch Office) HBC Engineering Company	
8a. FORMER FIRM NAME(S) (if any) N/A			8b. YEAR ESTABLISHED N/A	8c. UNIQUE ENTITY IDENTIFIER N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	6		C15	Construction Management	4
08	CADD Technician	13	3	C18	Cost Estimating	4
12	Civil Engineer	9	1	D04	Design-Build - Preparation of RFP	5
15	Construction Inspector	15	3	E03	Electrical Studies and Design	1
16	Construction Manager	3	1	G06	Graphic Design	1
18	Cost Estimator	1		I04	Intelligent Transportation Systems	3
21	Electrical Engineer	3	1	I06	Drainage	3
30	Geologist	2		L06	Lighting (Streets)	4
48	Project Manager	6	1	P06	Planning (Site/Installation/Project)	3
57	Structural Engineer	2		T03	Traffic/Transportation Engineering	4
60	Transportation Engineer	1		W02	Water Resources; Ground Water	5
62	Water Resource Engineer	3		W03	Water Supply; Treatment and Dist.	5
	Other Employees					
	TOTAL	64	10			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE*The foregoing is a statement of facts*

a. SIGNATURE 	b. DATE 1/06/2025
c. NAME AND TITLE Juan J. Flores, Project Manager	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

XXXX

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME H2Engineering, Inc.			3. YEAR ESTABLISHED 2008	4. UNIQUE ENTITY IDENTIFIER GEMPUMJAMST7
2b. STREET 2246 NW 40th Terrace, Suite B			5. OWNERSHIP	
2c. CITY Gainesville	2d. STATE FL	2e. ZIP CODE 32605	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Ryan Chewning, P.E., <i>Principal</i>			b. SMALL BUSINESS STATUS Small Business - Federal	
6b. TELEPHONE NUMBER 352-448-5246	6c. E-MAIL ADDRESS rchewning@h2engineering.com		7. NAME OF FIRM <i>(If block 2a is a branch office)</i> NA	


8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YR. ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Hines, Hartman & Associates, Inc.	1977	NA

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (<i>see below</i>)
		(1) FIRM	(2) BRANCH			
02	Administrative	5	1	A11	Auditoriums & Theaters	1
08	CADD Technician	1	1	C11	Computer Facilities	1
15	Construction Inspector	1	0	E02	Educational Facilities; Classrooms	3
21	Electrical Engineer	5	1	E03	Electrical Studies and Design	3
42	Mechanical Engineer	8	3	F03	Fire Protection	2
97	Mechanical/ Electrical Designer	7	1	G02	Gas Systems (Propane; Natural, Etc.)	1
	Graduate Engineers	10	2	H04	Heating; Ventilation; Air Conditioning	5
				L05	Lighting (Interior; Display; Theater, Etc.)	2
				O01	Office Buildings; Industrial Parks	2
				P07	Plumbing & Piping Design	4
				P12	Power Generation, Transmission, Distribution	3
				P13	Public Safety Facilities	2
				S02	Security Systems; Intruder & Smoke Detection	1
				S11	Sustainable Design	1
				T02	Testing & Inspection Services	1
				U03	Utilities (Gas and Steam)	2
				V01	Value Analysis; Life Cycle Costing	1
					Commissioning	2
	Other Employees					
Total		37	9			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE October 3, 2024
c. NAME AND TITLE Ryan Chewning, P.E., Principal	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RTSX-250031-DS

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)



2a. FIRM (or Branch Office) NAME Brame Heck Architects Inc.			3. YEAR ESTABLISHED 1911		4. UNIQUE ENTITY IDENTIFIER 08-136-5017	
2b. STREET 606 NE 1st Street			5. OWNERSHIP			
2c. CITY Gainesville		2d. STATE FL	2e. ZIP CODE 32601		a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Michael P. Richmond, President			b. SMALL BUSINESS STATUS Gainesville Small Business Enterprise			
6b. TELEPHONE NUMBER (352) 372-0425		6c. E-MAIL ADDRESS m.richmond@brameheck.com		7. NAME OF FIRM (If Block 2a is a Branch Office)		
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
06	Architect	2		C11	Community Facilities	2
08	Senior BIM/CAD Specialist	1		C06	Church: Chapel	2
08	Architect Intern	1		E02	Educational Facilities; Classrooms	4
08	BIM/CAD Specialist	1		H09	Hospital & Medical Facilities	3
48	Project Manager	1		H11	Housing (Residential, Multi-Family;	3
02	Office Administrator	1		O01	Office Buildings; Industrial Parks	2
				P06	Planning	1
				R04	Recreational Facilities	1
				R06	Rehabilitation	4
				R12	Roofing	1
				A11	Auditoriums	4
				A06	Airports; Terminals and Hangars	1
				J01	Judicial and Courtroom Facilities	1
				P13	Public Safety Facilities	2
				W01	Warehouses & Depots	1
				C18	Cost Estimating; Cost Engineering	2
	Other Employees					
	Total	7				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	4	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE		b. DATE	
			
c. NAME AND TITLE			
Michael Richmond, President			



Tab E

Attachments





PROCUREMENT DIVISION

RESPONDENT'S VERIFICATION FORM

Legal Name of Corporation, Partnership or Individual (as reported to the IRS): HBC Engineering Company

D/B/A (Doing Business As): _____

Street Address (No PO Boxes): 2700 Westhall Ln, Suite 225, FL, 32751

Federal Identification #: 22-3936061 SunBiz #: P06000082280

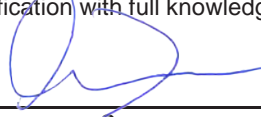
State of Incorporation: Florida

1. **ADDENDA ACKNOWLEDGMENT:** Prior to submitting my offer, I have verified that all addenda issued to date are considered as part of my offer: Addenda received (list all): Addendum #1 & Addendum #2
2. My company is a Small Business Enterprise (SBE) or Service Disabled Veteran Enterprise (SDVE) certified with the [City of Gainesville Department of Equity and Inclusion](#).
☐ YES ☒ NO
3. I further acknowledge that:
☒ Response is in full compliance with the specifications;
☐ Response is in full compliance with the specifications **except** as specifically stated and explained in detail on sheets attached hereto and labeled "Clarifications and Exceptions".

I hereby propose to provide the goods/services requested in this Solicitation. I agree to hold pricing for at least **60** calendar days from the Solicitation due date. I agree that CITY's terms and conditions herein take precedence over any conflicting terms and conditions submitted for CITY's consideration, and agree to abide by all conditions of this Solicitation.

I certify that all information contained in this Response is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to execute and submit this Response on behalf of the organization as its agent and that the organization is ready, willing and able to perform if awarded.

I further certify that this Response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, company or corporation submitting an offer for the same product or service; no officer, employee or agent of CITY owns or will benefit more than 5% from award of this Solicitation; and the undersigned executed this Respondent's Verification with full knowledge and understanding of the matters therein contained.

	01/06/2025
AUTHORIZED SIGNATURE	DATE
Adebayo Coker, PE	Principal
PRINT NAME	TITLE
(407) 377-5744	(305) 232-7933
TELEPHONE NUMBER	FAX NUMBER
acoker@hbcengineeringco.com	
E-MAIL ADDRESS	

RESPONDENT'S CONTACT (for additional information)
Juan J. Flores, PhD
NAME
Project Manager and Planner
TITLE
(202)486-5956
PHONE

If Respondent is not an individual, include authorization for the above individual to sign on behalf of the organization


A&E Services for Eastside Bus Transfer Facility (Rebid)
RTSX-250031-DS

ACKNOWLEDGMENT: Each Proposer shall acknowledge receipt of this Addendum No. 1 by his or her signature below, **and shall attach a copy of this Addendum to its proposal.**

CERTIFICATION BY PROPOSER

The undersigned acknowledges receipt of this Addendum No. 1 and the Proposal submitted is in accordance with information, instructions, and stipulations set forth herein.

PROPOSER: HBC Engineering Company
BY: Adebayo Coker, PE
DATE: 12/11/2024



- Question 6: Is there a page limit to the response- either overall or for any section/element?
Answer 6: No, however, refer to the last sentence of paragraph 8.2.
- Question 7: Should each subconsultant also provide three separate project references?
Answer 7: Documentation of at least one similar project by the subconsultant would be acceptable.
- Question 8: Should proposals include all required subconsultant services to take the project to the bid stage? (survey, geotechnical, environmental, traffic, landscape, lighting)
Answer 8: Yes, as applicable to the needs of the project.
- Question 9: What information is needed from subconsultants? (ie resumes of key staff, project experience, references, licenses, forms, etc.?)
Answer 9: Information, such as those mentioned in the question, is expected to be included in the proposal for all project team members, including subconsultants.
- Question 10: Is there an anticipated design schedule?
Answer 10: No, but project completion not to exceed 6 months from notice to proceed.
- Question 11: Are respondents required to use the Reference Form provided or the SF330?
Answer 11: The Reference Form is included in the solicitation by default. Proposers are expected to complete and submit the SF330; the form may also be used for subconsultants.
- Question 12: Should respondents structure their responses based on the submittal format in section 5.1 or the evaluation criteria in section 9?
Answer 12: Submittal format in Section 5.1.

3. Find attached:

- Prohibition of Lobbying in Procurement Matters

ACKNOWLEDGMENT: Each Proposer shall acknowledge receipt of this Addendum No. 2 by his or her signature below, **and shall attach a copy of this Addendum to its proposal.**

CERTIFICATION BY PROPOSER

The undersigned acknowledges receipt of this Addendum No. 2 and the Proposal submitted is in accordance with information, instructions, and stipulations set forth herein.

PROPOSER: HBC Engineering Company
BY: Adebayo Coker, PE
DATE: 12/21/2024



PROCUREMENT DIVISION

PROHIBITION REGARDING FOREIGN COUNTRIES OF CONCERN

In accordance with Section 287.138, Florida Statutes, beginning January 1, 2024, the City of Gainesville (CITY) may not accept a bid on, a proposal for, or a reply to, or enter into, a contract with an entity (Bidder) which would grant the Bidder access to an individual's personal identifying information unless the Bidder provides the City with an affidavit signed by an officer or representative of the Bidder under penalty of perjury attesting that the Bidder does not meet any of the criteria in paragraphs (2)(a)-(c):

- a) The Bidder is owned by the government of a "foreign country of concern" (People's Republic of China, the Russian Federation, the Islamic Republic of Iran, the Democratic People's Republic of Korea, the Republic of Cuba, the Venezuelan regime of Nicolás Maduro, or the Syrian Arab Republic, including any agency of or any other entity of significant control of such foreign country of concern);
- b) The government of a "foreign country of concern" (listed above) has a controlling interest in the Bidder;
or
- c) The Bidder is organized under the laws of or has its principal place of business in a "foreign country of concern" (listed above).

AFFIDAVIT

State of Florida
County of Miami-Dade

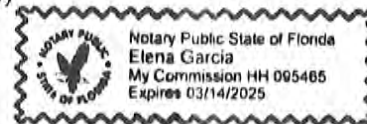
Before me, the undersigned authority, personally appeared Adebayo Coker, PE, who, after being first duly sworn, deposes and says of their personal knowledge the following:

1. I am the President (title) of HBC Engineering Company (Bidder).
2. I attest under penalty of perjury that the Bidder does not meet any of the criteria in Section 287.138(2)(a)-(c), Florida Statutes, stated above.

Sworn to and subscribed before me this 23rd day of December, 2024, by Adebayo Coker, PE
(name of affiant), who is personally known to me or produced N/A as identification,
and did take an oath.

Elena Garcia (name of notary)
Notary Public

My Commission Expires: 03/14/2025




**AFFIDAVIT OF COMPLIANCE WITH SECTION 787.06(13) –
FLORIDA ANTI-HUMAN TRAFFICKING PROVISIONS**
(To be used when a contract is executed, renewed or extended)
(Required only for non-governmental vendors)


STATE OF FLORIDA
COUNTY OF MIAMI-DADE

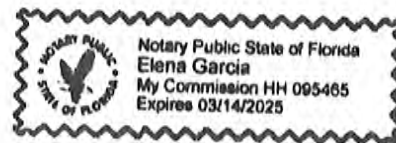
I, {full legal name} Adebayo Coker, PE, swear and affirm that
I am an officer or a representative of the Contractor and that the [Contractor Name]
HBC Engineering Company
does not use coercion for labor or services as those terms are defined in Section
787.06(13), Fla. Stat.

AFFIANT HEREBY CERTIFIES UNDER PENALTY OF PERJURY THAT THE
STATEMENTS AND FACTS IN THIS AFFIDAVIT AND IN ANY ATTACHMENTS ARE
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Dated: 12/23/2024 Signature of Affiant: 

Sworn to or affirmed and signed before me on 12/23/2024 by Adebayo Coker, PE
who ☒ is personally known to me or ☐ presented N/A
as identification.


Notary Public, State of Florida
My commission expires: 03/14/2025



CERTIFICATION AND RESTRICTIONS ON LOBBYING

I, Adebayo Coker, PE, President hereby certify
(Name and title of official)

On behalf of HBC Engineering Company that:
(Name of Bidder/Company Name)

- No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions
- The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature: 

Date: 12/23/2024

CERTIFICATION REGARDING DEBARMENT

The Contractor shall comply and facilitate compliance with U.S. DOT regulations, “Nonprocurement Suspension and Debarment,” 2 C.F.R. part 1200, which adopts and supplements the U.S. Office of Management and Budget (U.S. OMB) “Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” 2 C.F.R. part 180. These provisions apply to each contract at any tier of \$25,000 or more, and to each contract at any tier for a federally required audit (irrespective of the contract amount), and to each contract at any tier that must be approved by an FTA official irrespective of the contract amount. As such, the Contractor shall verify that its principals, affiliates, and subcontractors are eligible to participate in this federally funded contract and are not presently declared by any Federal department or agency to be:

- a) Debarred from participation in any federally assisted Award;
- b) Suspended from participation in any federally assisted Award;
- c) Proposed for debarment from participation in any federally assisted Award;
- d) Declared ineligible to participate in any federally assisted Award;
- e) Voluntarily excluded from participation in any federally assisted Award; or
- f) Disqualified from participation in any federally assisted Award.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by CITY. If it is later determined by CITY that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to CITY, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. part 180, subpart C, as supplemented by 2 C.F.R. part 1200, while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature:  _____

Date: 12/23/2024

CONTRACTOR RESPONSIBILITY CERTIFICATION

The Bidder is required to certify compliance with the following contractor responsibility standards by checking appropriate boxes. For purposes hereof, all relevant time periods are calculated from the date this Certification is executed.


	YES	NO
1. Has the firm been suspended and/or debarred by any federal, state or local government agency or authority in the past three years?		✓
2. Has any officer, director, or principal of the firm been convicted of a felony relating to your business industry?		✓
3. Has the firm defaulted on any project in the past three (3) years?		✓
4. Has the firm had any type of business, contracting or trade license revoked or suspended for cause by any government agency or authority in the past three (3) years?		✓
5. Has the firm been found in violation of any other law relating to its business, including, but not limited to antitrust laws, licensing laws, tax laws, wage or hour laws, environmental or safety laws, by a final unappealed decision of a court or government agency in the past three (3) years, where the result of such adjudicated violation was a payment of a fine, damages or penalty in excess of \$1,000?		✓
6. Has the firm been the subject of voluntary or involuntary bankruptcy proceedings at any time in the past three (3) years?		✓
7. Has the firm successfully provided similar products or performed similar services in the past three (3) years with a satisfactory record of timely deliveries or on-time performance?	✓	
8. Does the firm currently possess all applicable business, contractor and/or trade licenses or other appropriate licenses or certifications required by applicable state or local laws to engage in the sale of products or services?	✓	
9. Does the firm have all the necessary experience, technical qualifications and resources, including but not limited to equipment, facilities, personnel and financial resources, to successfully provide the referenced product(s) or perform the referenced service(s), or will obtain same through the use of qualified, responsible subcontractors?	✓	
10. Does the firm meet all insurance requirements per applicable law or bid specifications including general liability insurance, workers' compensation insurance, and automobile liability insurance?	✓	
11. Firm acknowledges that it must provide appropriate documentation to support this Contractor Responsibility Certification if so requested by the City of Gainesville. The firm also understands that the City of Gainesville may request additional information or documents to evaluate the responsibility of firm. Firm agrees to provide such additional information or supporting documentation for this Certification.	✓	

Under the penalty of perjury, the Bidder's authorized representative hereby certifies that all responses marked in this form or otherwise submitted for purposes of determining the Bidder's status as a responsible contractor is true, complete and accurate and that he/she has knowledge and authority to verify the information in this certification or otherwise submitted on behalf of the Bidder by his or her signature below.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

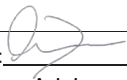
Signature: 

Date: 12/23/2024

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See next page for public burden disclosure.)

Approved by OMB
0348-0046

1. Type of Federal Action: <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. Report Type: <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known : Congressional District, if known: 4c	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Congressional District, if known:	
6. Federal Department/Agency:	7. Federal Program Name/Description: CFDA Number, if applicable: _____	
8. Federal Action Number, if known :	9. Award Amount, if known : \$	
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): N/A	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): N/A	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: Adebayo Coker, PE Title: President Telephone No.: (786) 477-4614 Date: 12/23/2024	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

If this form is not applicable, mark "N/A", sign and return.

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form; print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

FEDERAL TAX LIABILITY AND RECENT FELONY CONVICTION

The contractor hereby certifies the following:

Does not have any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability; and was not convicted of the felony criminal violation under any Federal law within the preceding 24 months.

The contractor agrees to require all subcontractors to provide this certification and to flow this requirement down to participants at all lower tiers, without regard to the value of any subcontract.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature: 

Date: 12/23/2024

*Complete, sign and upload with your submittal.
Failure to do so will result in automatic disqualification.*

FEDERALLY FUNDED PURCHASE QUESTIONNAIRE

This is a federally assisted contract and your response to this questionnaire helps the City in setting *Disadvantaged Business Enterprise (DBE) goals with the federal government. Please complete and return this form with your bid response.

Project: **City of Gainesville RTSX-250031-DS A&E Services for Eastside Bus Transfer Facility (Rebid)**

Bidder Name: HBC Engineering Company

Bidder Address: 2700 Westhall Lane, Suite 225

Maitland, FL 32751

Is Bidder a DBE? ☒ Yes ☐ No

Age of Firm: 18 Years

Annual Gross Receipts of the Firm: (check one)

☐ Less than \$500,000

☐ \$500,000-\$1 million

☐ \$1-2 million

☒ \$2-5 million

☐ More than \$5 million

To be able to claim DBE status referenced above the bidder must be currently listed in the **Florida Unified Certification Program (UCP) Disadvantaged Business Enterprise (DBE) Directory maintained by the Florida Department of Transportation (FDOT).*

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

BIDDER/PROPOSER hereby acknowledges that the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. 115232, § 889 (Aug. 13, 2018) (the Act) prohibits the Agency from procuring certain “covered telecommunications equipment or services,” as defined in the Act, in federally assisted procurements and that the instant procurement is a federally assisted procurement subject to that prohibition. BIDDER represents and warrants that it has performed a due diligence review of its supply chain and that no such “covered telecommunications equipment or services” shall be provided to the Agency that would cause the Agency to be in violation of the prohibition contained in the Act.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature:  Date: 12/23/2024



PROCUREMENT DIVISION

DRUG-FREE WORKPLACE FORM

The undersigned bidder in accordance with Florida Statute 287.087 hereby certifies that

HBC Engineering Company _____ does:
(Name of Bidder)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for the drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this bidder complies fully with the above requirements.

A handwritten signature in blue ink, appearing to read "Adebayo Coker".

AUTHORIZED SIGNATURE

12/23/2024

DATE

Adebayo Coker, PE

PRINT NAME

President

TITLE



PROCUREMENT DIVISION

E-VERIFY CERTIFICATION FORM

If awarded:

The Contractor shall comply with all applicable requirements of Section 448.095, Florida Statutes, including but not limited to: 1) the Contractor shall register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the Contractor during the term of this Agreement; and 2) the Contractor shall expressly require any subcontractors performing work or providing services pursuant to this Agreement to likewise register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the subcontractor during the term of this Agreement. Section 448.095, Florida Statutes, states the statute must be construed in a manner that is fully consistent with any applicable federal laws or regulations, and therefore this section does not apply to this Agreement to the extent that this section would be inconsistent with any federal laws or regulations that are applicable to this Agreement.

As the person authorized to sign the statement, I certify that this bidder complies fully with the above requirement.

A handwritten signature in blue ink, appearing to read "Adebayo Coker".

12/23/2024

AUTHORIZED SIGNATURE

DATE

Adebayo Coker, PE

President of HBC Engineering Company

PRINT NAME

TITLE

REFERENCE FORM

Name of Bidder: HBC Engineering Company

Provide information for three references of similar scope performed within the past 10 years. You may include photos or other pertinent information.

#1 Year(s) services provided (i.e. 1/2022 to 12/2023): 10/2018 to 10/2021

Company Name: Florida Department of Transportation (FDOT) District 4

Address: 3400 W. Commercial Blvd.

City, State Zip: Ft Lauderdale, FL 33309

Contact Name: Robert Lopes, Project Manager

Phone Number: 954.777.4425

Fax Number: 954.777.4149

Email Address: robert.lopes@dot.state.fl

#2 Year(s) services provided (i.e. 1/2022 to 12/2023): 02/2023 - Ongoing

Company Name: Miami Dade County Department of Transportation & Public Works

Address: 111 NW First Street, 14th Floor

City, State Zip: Miami, FL 33128

Contact Name: Isabel Padron, P.E., Project Manager

Phone Number: 786.469.5260

Fax Number: 786.469.5675

Email Address: ipadron@miamidade.gov

#3 Year(s) services provided (i.e. 1/2022 to 12/2023): 05/2017 - 03/2020

Company Name: Miami Dade County Department of Transportation & Public Works

Address: 111 NW First Street, 14th Floor

City, State Zip: Miami, FL 33128

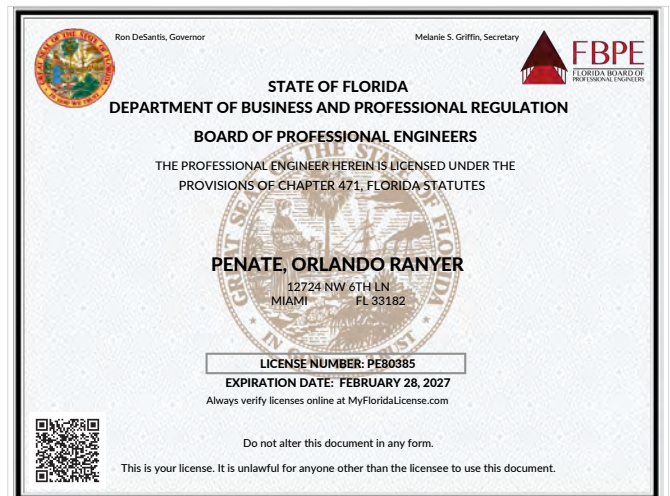
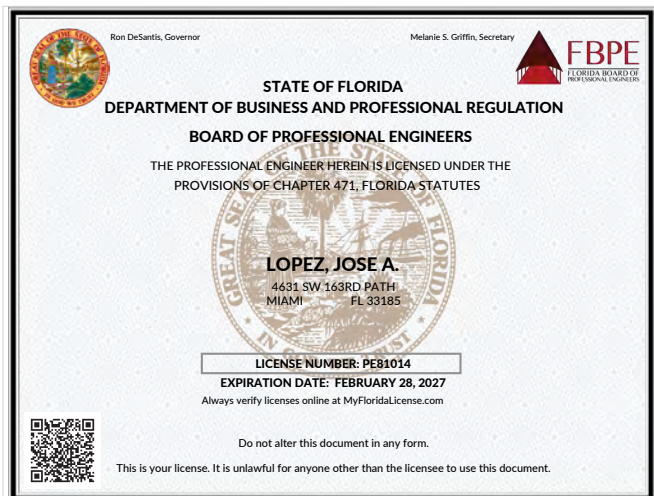
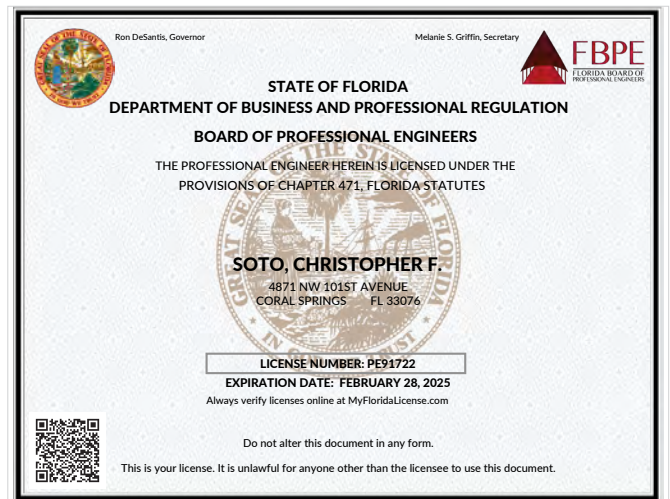
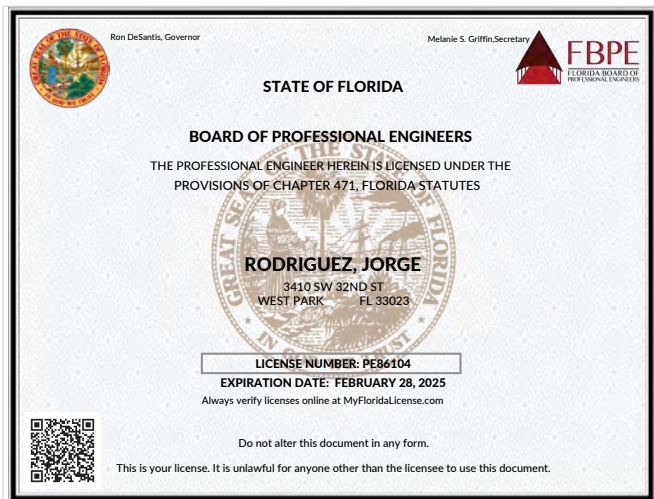
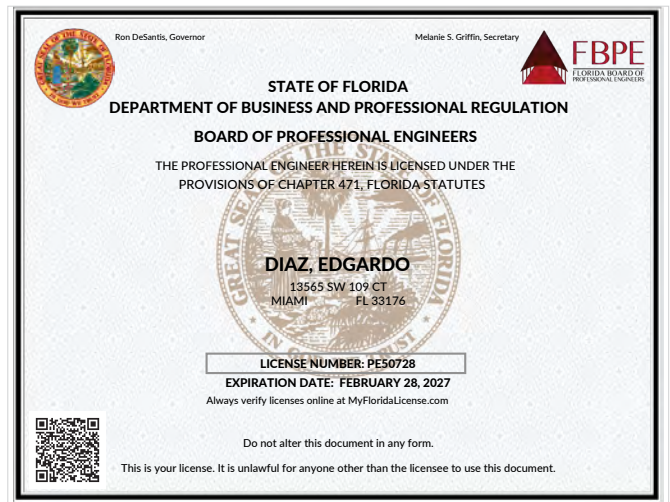
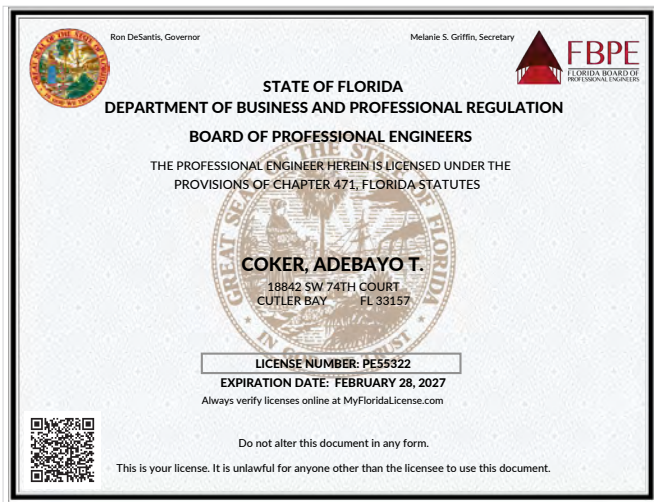
Contact Name: Bianca Habib, P.E., Project Manager

Phone Number: 786.299.6526

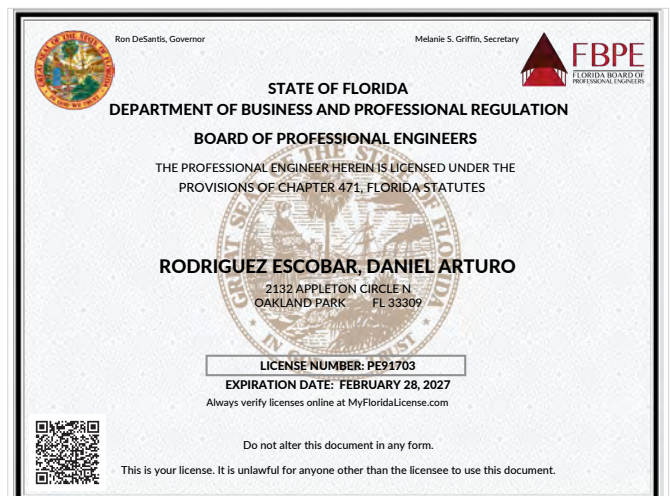
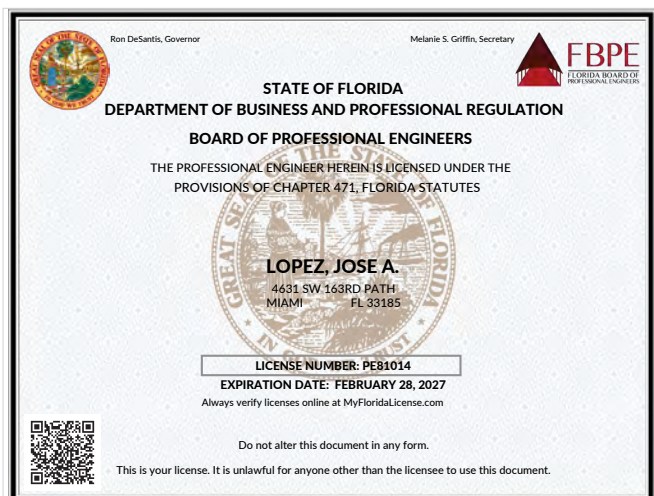
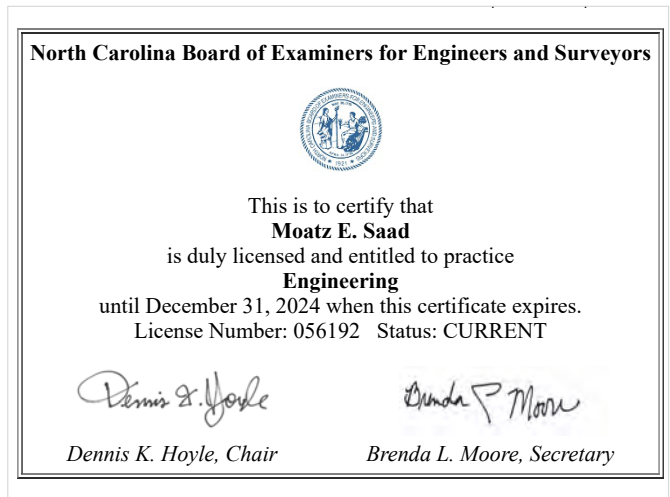
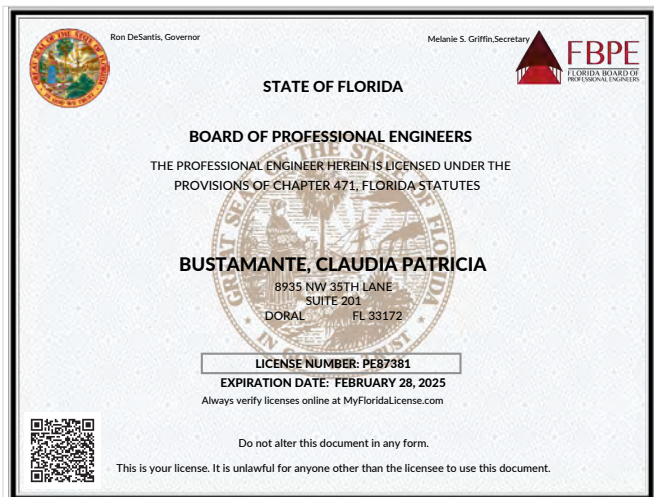
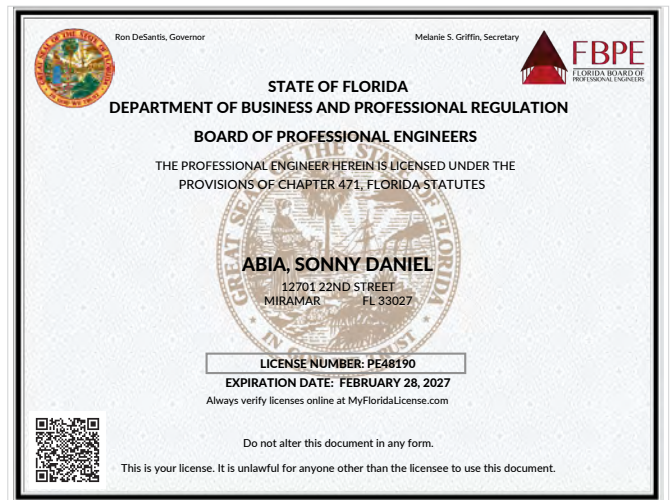
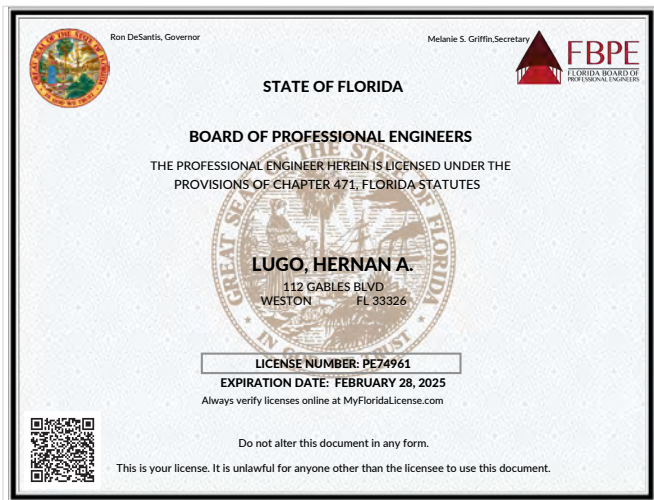
Fax Number: 305.468.5900

Email Address: bhabib@miamidade.gov

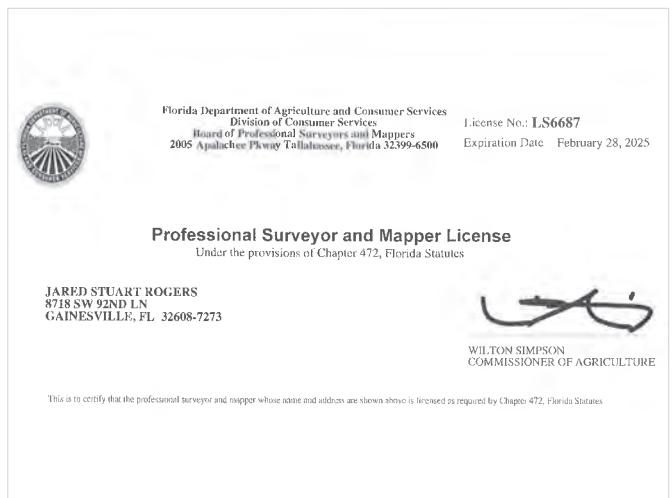
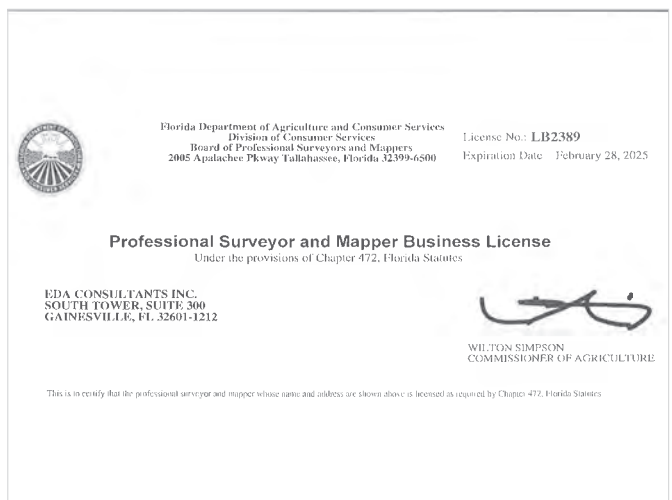
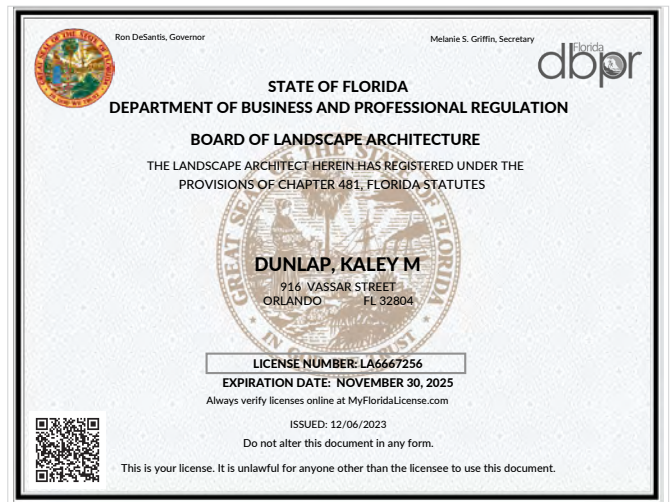
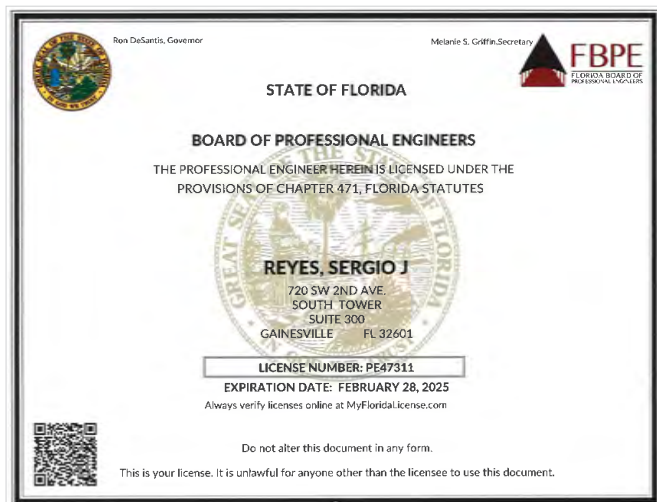
HBC Engineering Company Licenses



HBC Engineering Company Licenses



EDA Consultants, Inc. Licenses



EDA Consultants, Inc. Licenses



Gainesville.
Citizen centered
People empowered
Office of Equity & Inclusion

Sergio Reyes
EDA consultants inc
720 SW 2nd Avenue
South Tower, Suite 300
Gainesville, FL 32601-6602

P O Box 490, Station 52
Gainesville, FL 32627-0490
(352) 334-5051
www.cityofgainesville.org

Dear Sergio Reyes,

We are pleased to inform you that the Office of Equity & Inclusion has certified your business as a Small Business Enterprise (SBE).

Your certification will remain in effect until June 30, 2025, provided your business continues to meet the eligibility criteria according to City of Gainesville Policy-42-200 (Local Small Business Procurement Program) and Administrative Guidelines: It is your responsibility to notify this office in writing within 30 days of any changes. Failure to do so may result in decertification of your business. Your business identification number is 74.

The following National Institute of Governmental Purchasing (NIGP) code(s) and description(s) have been assigned to your business in accordance with the service(s) it render(s).

NIGP: Specialty Description

NIGP 90664: PLANNING, URBAN, COMMUNITY, REGIONAL, AREA WIDE, AND STATE
NIGP 925: ENGINEERING SERVICES, PROFESSIONAL
NIGP 92517: CIVIL ENGINEERING
NIGP 92561: LAND DEVELOPMENT AND PLANNING ENGINEERING
NIGP 96460: LAND SURVEYING
NIGP 999: OTHER/NOT SPECIFIED
UNSPSC 81100000: PROFESSIONAL ENGINEERING SERVICES

We have also added your firm to the City of Gainesville's Certified Small Business Directory.

Regards,

Faylene Welcome
Faylene Welcome
Small Business Program Coordinator
Office of Equity and Inclusion
Office: (352) 334-5051

Gainesville.
Citizen centered
People empowered
Office of Equity & Inclusion

P O Box 490, Station 52
Gainesville, FL 32627-0490
(352) 334-5051
www.cityofgainesville.org

Sergio Reyes
EDA consultants inc DBA eda engineers-surveyors-planners, inc.
720 SW 2nd Avenue
South Tower, Suite 300
Gainesville, FL 32601-6602

Dear Sergio Reyes,

We are pleased to inform you that the Office of Equity & Inclusion has certified your business as a Minority Business Enterprise (MBE).

Your certification will remain in effect until July 1, 2025, provided your business continues to meet the eligibility criteria according to City of Gainesville Policy-42-200 (Local Small Business Procurement Program) and Administrative Guidelines: It is your responsibility to notify this office in writing within 30 days of any changes. Failure to do so may result in decertification of your business. Your business identification number is 74.

The following National Institute of Governmental Purchasing (NIGP) code(s) and description(s) have been assigned to your business in accordance with the service(s) it render(s).

NIGP: Specialty Description

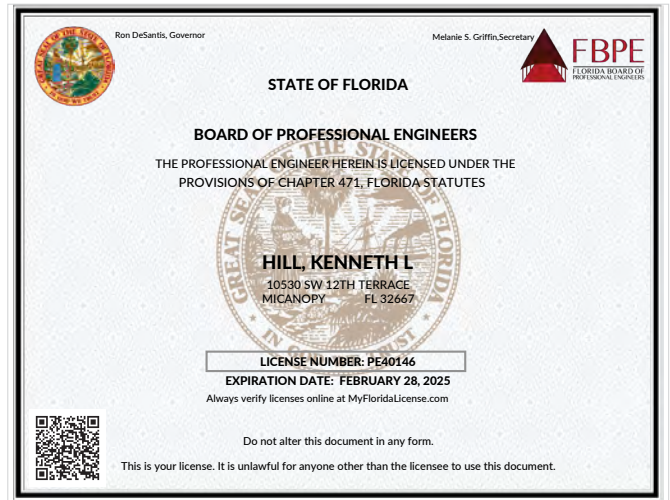
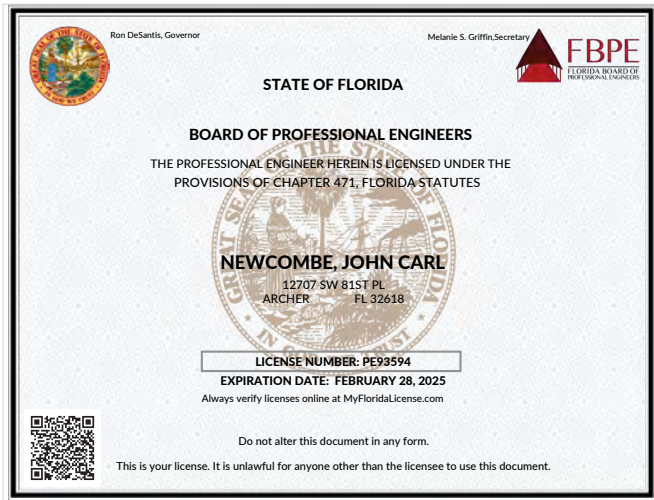
NIGP 30559: MAPS, ENGINEER AND TOPOGRAPHICAL
NIGP 55029: MARKERS, SURVEY AND RIGHT-OF-WAY
NIGP 90664: PLANNING, URBAN, COMMUNITY, REGIONAL, AREA WIDE, AND STATE
NIGP 90666: PLANNING, SITE, INSTALLATION AND PROJECT
NIGP 91842: ENGINEERING CONSULTING (INACTIVE, PLEASE SEE COMMODITY CODE 907-40 EFFECTIVE JANUARY 1, 2016)
NIGP 91892: URBAN PLANNING CONSULTING
NIGP 92500: ENGINEERING SERVICES, PROFESSIONAL
NIGP 92517: CIVIL ENGINEERING
NIGP 92528: DRAINAGE ENGINEERING
NIGP 92533: ENGINEER SERVICES, PROFESSIONAL (INACTIVE, EFFECTIVE JANUARY 1, 2016)
NIGP 92538: FIELD ENGINEERING
NIGP 92549: HIGHWAYS, STREETS, AIRPORT PAY-PARKING LOTS ENGINEERING
NIGP 92555: INSPECTING, GENERAL ENGINEERING
NIGP 92558: IRRIGATION; DRAINAGE; FLOOD CONTROL ENGINEERING
NIGP 92561: LAND DEVELOPMENT AND PLANNING ENGINEERING
NIGP 92583: SANITARY ENGINEERING
NIGP 92586: SURVEYOR SERVICES, LAND
NIGP 92587: SEWAGE COLLECTION, TREATMENT, AND DISPOSAL ENGINEERING
NIGP 92592: VALUE ENGINEERING AND VALUE ANALYSIS, PROFESSIONAL
NIGP 92594: TUNNELS AND SUBWAYS ENGINEERING
NIGP 92596: WASTE WATER TREATMENT ENGINEERING
NIGP 92597: WATER SUPPLY, TREATMENT, AND DISTRIBUTION ENGINEERING
NIGP 96460: LAND SURVEYING

We have also added your firm to the City of Gainesville's Certified Small Business Directory.

Regards,

Faylene Welcome
Faylene Welcome
Small Business Program Coordinator
Office of Equity and Inclusion
Office: (352) 334-5051

GSE Engineering & Consulting, Inc.



**State of Florida
Department of State**

I certify from the records of this office that GSE ENGINEERING & CONSULTING, INC. is a corporation organized under the laws of the State of Florida, filed on February 27, 2007.

The document number of this corporation is P07000025701.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 3, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

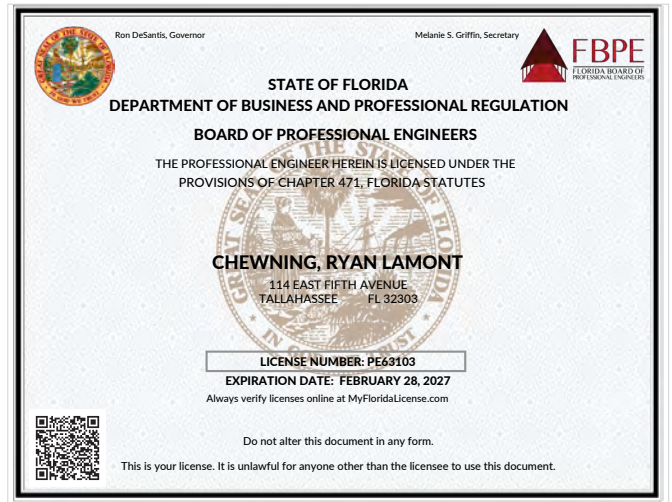
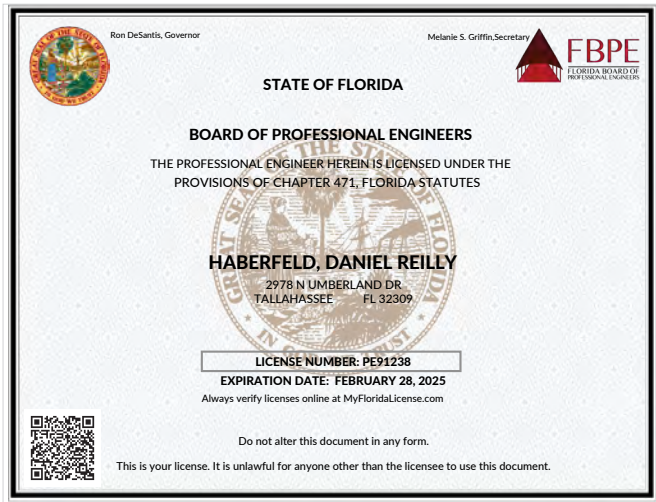
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Third day of January, 2025



Secretary of State

Tracking Number: 9690481703CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

H2Engineering, Inc.



H2Engineering, Inc.

State of Florida Department of State

I certify from the records of this office that H2ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on March 17, 1977.

The document number of this corporation is 527996.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 3, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Third day of January, 2025*



[Signature]
Secretary of State

Tracking Number: 2779366995CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



hereby certifies that

Ryan L. Chewning, P.E., CxA

H2Engineering, Inc. (Gainesville)

has met all prerequisites demonstrating independence and the technical, management, and communications skills required to implement the commissioning process in new and existing buildings, and passed the necessary examination to be awarded this certificate in recognition of their qualifications as an ACG

Certified Commissioning Authority

Registration number: 1008-376 . This certificate, valid effective 1/1/2025
and expiring on 12/31/2025 , is renewable on an annual basis
upon meeting all requirements noted in the CxA Candidate Handbook.



[Signature]
Scott A. Gordon, P.E., CxA
Certification Council Chair



[Signature]
Ray Bern
ACG Executive Director

* Not valid until the 15th anniversary of the CxA and must be renewed within 90 days.

Brame Heck Architects, Inc.

State of Florida Department of State

I certify from the records of this office that BRAME HECK ARCHITECTS INC. is a corporation organized under the laws of the State of Florida, filed on March 19, 1971.

The document number of this corporation is 379023.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Second day of January, 2025*




Secretary of State

Tracking Number: 0862589264CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>





PROCUREMENT DIVISION

DRUG-FREE WORKPLACE FORM

The undersigned bidder in accordance with Florida Statute 287.087 hereby certifies that

HBC Engineering Company _____ does:
(Name of Bidder)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for the drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this bidder complies fully with the above requirements.

A handwritten signature in blue ink, appearing to read "Adebayo Coker".

AUTHORIZED SIGNATURE

12/23/2024

DATE

Adebayo Coker, PE

PRINT NAME

President

TITLE



PROCUREMENT DIVISION

E-VERIFY CERTIFICATION FORM

If awarded:

The Contractor shall comply with all applicable requirements of Section 448.095, Florida Statutes, including but not limited to: 1) the Contractor shall register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the Contractor during the term of this Agreement; and 2) the Contractor shall expressly require any subcontractors performing work or providing services pursuant to this Agreement to likewise register with and use the U.S. Department of Homeland Security's E-Verify system to verify the work authorization status of all new employees of the subcontractor during the term of this Agreement. Section 448.095, Florida Statutes, states the statute must be construed in a manner that is fully consistent with any applicable federal laws or regulations, and therefore this section does not apply to this Agreement to the extent that this section would be inconsistent with any federal laws or regulations that are applicable to this Agreement.

As the person authorized to sign the statement, I certify that this bidder complies fully with the above requirement.

A handwritten signature in blue ink, appearing to read "Adebayo Coker".

12/23/2024

AUTHORIZED SIGNATURE

DATE

Adebayo Coker, PE

President of HBC Engineering Company

PRINT NAME

TITLE



PROCUREMENT DIVISION

PROHIBITION REGARDING FOREIGN COUNTRIES OF CONCERN

In accordance with Section 287.138, Florida Statutes, beginning January 1, 2024, the City of Gainesville (CITY) may not accept a bid on, a proposal for, or a reply to, or enter into, a contract with an entity (Bidder) which would grant the Bidder access to an individual's personal identifying information unless the Bidder provides the City with an affidavit signed by an officer or representative of the Bidder under penalty of perjury attesting that the Bidder does not meet any of the criteria in paragraphs (2)(a)-(c):

- a) The Bidder is owned by the government of a "foreign country of concern" (People's Republic of China, the Russian Federation, the Islamic Republic of Iran, the Democratic People's Republic of Korea, the Republic of Cuba, the Venezuelan regime of Nicolás Maduro, or the Syrian Arab Republic, including any agency of or any other entity of significant control of such foreign country of concern);
- b) The government of a "foreign country of concern" (listed above) has a controlling interest in the Bidder;
or
- c) The Bidder is organized under the laws of or has its principal place of business in a "foreign country of concern" (listed above).

AFFIDAVIT

State of Florida
County of Miami-Dade

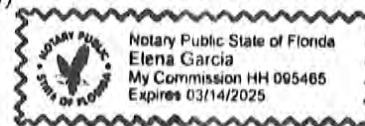
Before me, the undersigned authority, personally appeared Adebayo Coker, PE, who, after being first duly sworn, deposes and says of their personal knowledge the following:

1. I am the President (title) of HBC Engineering Company (Bidder).
2. I attest under penalty of perjury that the Bidder does not meet any of the criteria in Section 287.138(2)(a)-(c), Florida Statutes, stated above.

Sworn to and subscribed before me this 23rd day of December, 2024, by Adebayo Coker, PE
(name of affiant), who is personally known to me or produced N/A as identification,
and did take an oath.

Elena Garcia (name of notary)
Notary Public

My Commission Expires: 03/14/2025



REFERENCE FORM

Name of Bidder: HBC Engineering Company

Provide information for three references of similar scope performed within the past 10 years. You may include photos or other pertinent information.

#1 Year(s) services provided (i.e. 1/2022 to 12/2023): 10/2018 to 10/2021

Company Name: Florida Department of Transportation (FDOT) District 4

Address: 3400 W. Commercial Blvd.

City, State Zip: Ft Lauderdale, FL 33309

Contact Name: Robert Lopes, Project Manager

Phone Number: 954.777.4425

Fax Number: 954.777.4149

Email Address: robert.lopes@dot.state.fl

#2 Year(s) services provided (i.e. 1/2022 to 12/2023): 02/2023 - Ongoing

Company Name: Miami Dade County Department of Transportation & Public Works

Address: 111 NW First Street, 14th Floor

City, State Zip: Miami, FL 33128

Contact Name: Isabel Padron, P.E., Project Manager

Phone Number: 786.469.5260

Fax Number: 786.469.5675

Email Address: ipadron@miamidade.gov

#3 Year(s) services provided (i.e. 1/2022 to 12/2023): 05/2017 - 03/2020

Company Name: Miami Dade County Department of Transportation & Public Works

Address: 111 NW First Street, 14th Floor

City, State Zip: Miami, FL 33128

Contact Name: Bianca Habib, P.E., Project Manager

Phone Number: 786.299.6526

Fax Number: 305.468.5900

Email Address: bhabib@miamidade.gov

CERTIFICATION REGARDING DEBARMENT

The Contractor shall comply and facilitate compliance with U.S. DOT regulations, “Nonprocurement Suspension and Debarment,” 2 C.F.R. part 1200, which adopts and supplements the U.S. Office of Management and Budget (U.S. OMB) “Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),” 2 C.F.R. part 180. These provisions apply to each contract at any tier of \$25,000 or more, and to each contract at any tier for a federally required audit (irrespective of the contract amount), and to each contract at any tier that must be approved by an FTA official irrespective of the contract amount. As such, the Contractor shall verify that its principals, affiliates, and subcontractors are eligible to participate in this federally funded contract and are not presently declared by any Federal department or agency to be:

- a) Debarred from participation in any federally assisted Award;
- b) Suspended from participation in any federally assisted Award;
- c) Proposed for debarment from participation in any federally assisted Award;
- d) Declared ineligible to participate in any federally assisted Award;
- e) Voluntarily excluded from participation in any federally assisted Award; or
- f) Disqualified from participation in any federally assisted Award.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by CITY. If it is later determined by CITY that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to CITY, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. part 180, subpart C, as supplemented by 2 C.F.R. part 1200, while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature:  _____

Date: 12/23/2024

CERTIFICATION AND RESTRICTIONS ON LOBBYING

I, Adebayo Coker, PE, President hereby certify
(Name and title of official)

On behalf of HBC Engineering Company that:
(Name of Bidder/Company Name)


- No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions
- The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

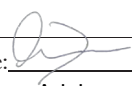
Signature: 

Date: 12/23/2024

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See next page for public burden disclosure.)

Approved by OMB
0348-0046

1. Type of Federal Action: <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance		2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award		3. Report Type: <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____	
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known : Congressional District, if known: 4c			5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Congressional District, if known:		
6. Federal Department/Agency:			7. Federal Program Name/Description: CFDA Number, if applicable: _____		
8. Federal Action Number, if known :			9. Award Amount, if known : \$ _____		
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): N/A			b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): N/A		
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.			Signature:  Print Name: Adebayo Coker, PE Title: President Telephone No.: (786) 477-4614 Date: 12/23/2024		
Federal Use Only:					Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

If this form is not applicable, mark "N/A", sign and return.

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form; print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

CONTRACTOR RESPONSIBILITY CERTIFICATION

The Bidder is required to certify compliance with the following contractor responsibility standards by checking appropriate boxes. For purposes hereof, all relevant time periods are calculated from the date this Certification is executed.


	YES	NO
1. Has the firm been suspended and/or debarred by any federal, state or local government agency or authority in the past three years?		✓
2. Has any officer, director, or principal of the firm been convicted of a felony relating to your business industry?		✓
3. Has the firm defaulted on any project in the past three (3) years?		✓
4. Has the firm had any type of business, contracting or trade license revoked or suspended for cause by any government agency or authority in the past three (3) years?		✓
5. Has the firm been found in violation of any other law relating to its business, including, but not limited to antitrust laws, licensing laws, tax laws, wage or hour laws, environmental or safety laws, by a final unappealed decision of a court or government agency in the past three (3) years, where the result of such adjudicated violation was a payment of a fine, damages or penalty in excess of \$1,000?		✓
6. Has the firm been the subject of voluntary or involuntary bankruptcy proceedings at any time in the past three (3) years?		✓
7. Has the firm successfully provided similar products or performed similar services in the past three (3) years with a satisfactory record of timely deliveries or on-time performance?	✓	
8. Does the firm currently possess all applicable business, contractor and/or trade licenses or other appropriate licenses or certifications required by applicable state or local laws to engage in the sale of products or services?	✓	
9. Does the firm have all the necessary experience, technical qualifications and resources, including but not limited to equipment, facilities, personnel and financial resources, to successfully provide the referenced product(s) or perform the referenced service(s), or will obtain same through the use of qualified, responsible subcontractors?	✓	
10. Does the firm meet all insurance requirements per applicable law or bid specifications including general liability insurance, workers' compensation insurance, and automobile liability insurance?	✓	
11. Firm acknowledges that it must provide appropriate documentation to support this Contractor Responsibility Certification if so requested by the City of Gainesville. The firm also understands that the City of Gainesville may request additional information or documents to evaluate the responsibility of firm. Firm agrees to provide such additional information or supporting documentation for this Certification.	✓	

Under the penalty of perjury, the Bidder's authorized representative hereby certifies that all responses marked in this form or otherwise submitted for purposes of determining the Bidder's status as a responsible contractor is true, complete and accurate and that he/she has knowledge and authority to verify the information in this certification or otherwise submitted on behalf of the Bidder by his or her signature below.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature: 

Date: 12/23/2024

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

BIDDER/PROPOSER hereby acknowledges that the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. 115232, § 889 (Aug. 13, 2018) (the Act) prohibits the Agency from procuring certain “covered telecommunications equipment or services,” as defined in the Act, in federally assisted procurements and that the instant procurement is a federally assisted procurement subject to that prohibition. BIDDER represents and warrants that it has performed a due diligence review of its supply chain and that no such “covered telecommunications equipment or services” shall be provided to the Agency that would cause the Agency to be in violation of the prohibition contained in the Act.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature:  Date: 12/23/2024

FEDERAL TAX LIABILITY AND RECENT FELONY CONVICTION

The contractor hereby certifies the following:

Does not have any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability; and was not convicted of the felony criminal violation under any Federal law within the preceding 24 months.

The contractor agrees to require all subcontractors to provide this certification and to flow this requirement down to participants at all lower tiers, without regard to the value of any subcontract.

Company: HBC Engineering Company

Name: Adebayo Coker, PE

Title: President

Signature: 

Date: 12/23/2024

*Complete, sign and upload with your submittal.
Failure to do so will result in automatic disqualification.*

FEDERALLY FUNDED PURCHASE QUESTIONNAIRE

This is a federally assisted contract and your response to this questionnaire helps the City in setting *Disadvantaged Business Enterprise (DBE) goals with the federal government. Please complete and return this form with your bid response.

Project: **City of Gainesville RTSX-250031-DS A&E Services for Eastside Bus Transfer Facility (Rebid)**

Bidder Name: HBC Engineering Company

Bidder Address: 2700 Westhall Lane, Suite 225

Maitland, FL 32751

Is Bidder a DBE? ☒ Yes ☐ No

Age of Firm: 18 Years

Annual Gross Receipts of the Firm: (check one)

☐ Less than \$500,000

☐ \$500,000-\$1 million

☐ \$1-2 million

☒ \$2-5 million

☐ More than \$5 million

**To be able to claim DBE status referenced above the bidder must be currently listed in the Florida Unified Certification Program (UCP) Disadvantaged Business Enterprise (DBE) Directory maintained by the Florida Department of Transportation (FDOT).*