Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road Evaluation Matrix

1. Ability of Professional Personnel:

- A. Describe the qualifications and relevant experience of the proposed Senior Project Engineer and all key personnel that are to be assigned to this project as well as experience with Complete Streets.
- **B.** Describe the proposed personnel's project's roles, responsibilities, and availability. Include proposed organizational chart of CEI staff.
- C. Include resumes for the Senior Project Engineer and all key personnel proposed. Include the qualifications, certifications and relevant experiences of all proposed staff.

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F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324

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Ability of Professional Personnel

A. Key Personnel

For this high-profile project, we will be commit our Senior Project Engineer, Leo Offredi, P.E. who recently completed the construction of Pembroke Road. Leo in conjunction with his team offers you extensive knowledge and expertise for this important project. We understand that you need an inspection team who can perform with little to no oversight, and we believe that we have your team. Together we have the technical expertise to handle the variety and complexity of issues that this project may encounter. The two key features of our team that will drive the success of Wiles II are the experience of the individuals and the similar project experience of the team. All of our staff will be available immediately upon the notice to proceed.

Exceptional Management The E&R team is comprised of handpicked specialists whose experience is matched with the needs of this project. Our proposed key staff has demonstrated their expertise on a multitude of complex projects throughout their careers. Special projects call for special teams. E&R, in association with its partner firms, is that team; we understand the County's performance expectations. Each of the proposed Team members are currently working together and the scope of the work includes the County's Complete Streets Initiative. Our team provides a superior staff with a combination of local knowledge and experience in roadway construction.

This project will be led by two Professional Engineers with the support of extremely qualified and experienced individuals. Our key members include;

J. Scott Gombar, P.E. - Project Manager: Scott has over 28 years of experience in the CEI industry. He is a hands-on, solutions-oriented engineer who focuses on establishing common team goals to deliver a successful project. Scott is well known for having extensive experience working on multiple complex projects. His experience includes construction inspection, value engineering, construction time and project cost estimating, scheduling, claims review and analysis and Dispute Review Board presentations.

Leonardo Offredi, P.E. - Senior Project Engineer: Leo has over 16 years of experience with extensive construction experience in a project leadership role on urban 3R projects, several project groupings, major bridge construction, and ITS projects. He is a proven Senior Project Engineer who has developed a

Ability of Professional Personnel A. Key Personnel

For this high Our staffing is comprised of local highly skilled professionals proven in exceeding our client's goal. We are currently apart of R1261804P1, CEI services for Wiles Rd. from Rock Island Rd to SR7 which will overlap in duration with this project. Our team will ensure communications is open and coordinated correctly. James Jeffers, P.E., is the proposed Senior Project Engineer (SPE): James has over 25 years of experience in the CEI industry and managed for 14 years the FDOT's Broward Operation Construction Division; he brings hands-on, solutions-oriented experience to this project. Some of Mr. Jeffers assignments for District IV were directly overseeing the construction of the \$43M Design Build Dixie Highway Flyover Bridge and the ongoing \$120M I-95 Managed Lanes project for FDOT district IV. Prior to managing these projects, Mr. Jeffers was the FDOT Broward Construction Manager, wherein he delivered an annual work program averaging more than \$250M. Under his leadership, the Broward Operations office continually exceeded District IV goals and always led the district in achieving positive results. In addition, Mr. Jeffers has extensive experience as a Project Engineer on similar urban arterials including Sunrise Boulevard, Hollywood Boulevard and SR 7. Mr. Jeffers clearly has the skills and experience required to drive this project to a successful on-time and on-budget completion while exceeding the Broward County's other critical goals of ensuring safety and customer satisfaction.

Hemberth Salazar, P.E., will serve as the Project Administrator (PA): Hemberth has over 12 years of experience in road and bridge construction on a variety of FDOT and MDX projects. He has proven himself resourceful and capable of managing multiple roadway and bridge construction assignments, high speed corridor improvements and urban reconstruction projects. Mr. Salazar has served as assistant project administrator/Sr. Inspector for this \$12.6 Million Design-Build Miami-Dade Expressway Authority (MDX) ORT conversion project in SR-836 where he managed the construction of 5 new toll gantry structures and modification to three currently existing in the SR-836 corridor and construction of an exit ramp from SR-836 west bound to access the FDOT District VI Office. Additionally he has extensive experience in urban roadway construction on such projects as the milling and resurfacing if SR-5/US-1 from North

Ability of Professional Personnel A. Key Personnel Qualifications and Relevant Experience:

MEI will be led by our **Senior Project Engineer**, **Mr. Eric Rush**, P.E., who will provide the overall management and leadership. Mr. Rush has more than 18 years of experience as an owner or direct owner representative in the public sector including positions in both state and local jurisdictions. His background includes roles in state-level specification management and Construction Audit (New Mexico Department of Transportation [NMDOT]), and state and local level construction project management (FDOT/Florida Turnpike Enterprise [FTE], NMDOT, and the City of Miami). His diverse and extensive Construction Management experience will provide Broward County and its Project Manager, Mr. Mike Hammond, P.E. with the confidence that their interests are being safeguarded throughout the Project.

Prior to joining METRIC, Mr. Rush served as the Chief Construction Manager for the City of Miami Capital Improvements Program (CIP), managing up to six Project Managers each handling an average of 12-18 projects concurrently at any given time. This hands-on, challenging role included constant communication with City Commissionlevel staff resulting in rapid responses catered to the needs of not only the individual Commissioners, but also of the residents, either in person or through their Home Owners Association (HOA), and businesses directly and indirectly impacted by the construction operations. Eric regularly attended HOA and community meetings in areas where work was happening. His proven ability to effectively communicate and interact with stakeholder at all levels will be of benefit to the Project as there are numerous HOAs and businesses within the Project limits.

Please Refer to Proposal J2112395P1 submittal page 749 and 753 for additional qualifications and relevant experience. MEI's Project Administrator and Contract Support Specialist (PA/CSS) will be Mr. Jonathan Guzman, who brings over 11 years of experience in the industry to the Team. Mr. Guzman has worked his way through the progression of inspection positions and has spent the last 3 years as an Office Engineer/Contract Support Specialist completing FDOT projects.

He currently holds all required FDOT CTQP qualifications associated with the Project's Scope of Work. He also has a

Ability of Professional Personnel A. TEAM QUALIFICATIONS

R.J. Behar & Company, Inc. (RJB) has assembled a very strong, suitable, well-balanced, and committed project team, and is offering a combination of qualified personnel, experience, knowledge and resources to perform the scope of services for this project. Each member of the **RJB Team** was specifically selected for this project adding significant value, benefit, and strength to the overall composition of the team. The RJB Team is bringing together veteran senior and project engineers, and technical inspectors with experience in roadway, drainage, plan review, utility coordination, signalization, lighting, constructability reviews, project estimating and scheduling, quality control, material sampling and testing, and claims review. Our team members have all worked together in the past on a number of projects, the majority of which are complete street projects, in urbanized areas entailing safe pedestrian features such as wide sidewalks, ADA-Compliant curb ramps, various traffic calming features, dedicated bicycle lanes, and new bus stop shelters throughout the project corridors. Our team is currently working on Wiles Road from Rock Island Road to SR-7 project in Broward County; we are very familiar with the project corridor, the typical section, numerous HOA's, and utilities in the area. We have an excellent working relationship with the Engineer of Record (EOR), Mr. Marwan Mufleh, P.E., of Kimley-Horn & Associates, Inc., who is also the EOR for the upcoming Wiles Road Phase 2 project. Similarly, we have great working relationships with the staff at the City of Coral Springs and City of Parkland, as well as with Broward County, all involved in this project. The RJB Team will be able to offer and implement the "lessons learned" from this project, which is very similar in scope to the new project segment. Each member of our team is 100% available to commence

Each member of our team is 100% available to commence work on the upcoming Wiles Road Project, from Riverside Drive to Rock Island Road, upon its anticipated 2017 summer start time. Our CEI Team offers significant value and strength to Broward County in that many of our proposed staff members are fully capable of performing dual roles, thereby complementing and enhancing the team's dynamics. This means to the County that we have a formidable and talented group of experienced project personnel that will be complementing one another throughout the project, able to serve multiple roles to facilitate the management and

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reputation for high ethical standards and he has the ability to work well with all interested parties. Leo was the Senior Project Engineer on the highly successful Pembroke Road Project for Broward County. Leo is a hands-on engineer known for handling project issues by making firm decisions and responsibly managing construction projects that exceed his client's goals and expectations. Leo has been working on County, Municipal and FDOT projects in South Florida for over 16 years, his references are Mr. Michael Hammond, P.E.: 954-*577-4558, and Mr. Donald Vanwhervin, P.E., 954-931-6187.*

Guillermo Villanueva, E.I. - Project Engineer: Guillermo has 11 years of experience in heavy civil highway/bridge construction. As a Project Engineer for the I-75 Express lanes project, Guillermo is in charge of schedule reviews, management of inspection personnel, review of change orders and claims, monitoring QA/QC compliance throughout project duration, and provide administrative support to the Senior Project Engineer. Guillermo has worked on several widening, new construction and reconstruction projects. Guillermo currently manages a staff of over 10 inspectors. The I-75 Express Project includes the reconstruction of the Sheridan Street Interchange, a Broward County Roadway. His references are Mr. Antonio Castro, PE, FDOT, 954.958.7671 and Mr. Paul Lampley, PE, FDOT, 954.790.2413) Knowledgeable Inspectors: Our team offers a pool of senior inspectors and inspectors with broad experience in all aspects of construction including new bridge construction, roadway construction, signalization and lighting installations, new drainage, and landscaping. Each of our Inspectors has all the required CTQP certifications including International Municipal Signal Association (IMSA), a requirement for traffic signalization inspection.

William Rhoades - Senior Roadway Inspector: Mr. Rhoades will be our lead field senior inspector. Mr. Rhoades's diverse experience is tailor made for this project. As a Senior Inspector, Bill has had unique opportunities on his various roadway projects including; reconstruction and widening, drainage installations, utility relocations, and signalization which are all distinctive aspects of this project.

Kyle Wann - Senior Roadway Inspector: Mr. Wann has been working in the construction engineering and inspection field for over 12 years in both roadway and bridge construction. He has vast amount of experience and is qualified / certified in almost every area, including general field inspection,

of SE 17th St. to Broward Blvd.; Sunrise Blvd at SR-7 sidewalk project; and SR-84 and University Dr. intersection construction.

Ryan Santiago, CSS/Sr. Inspector: Mr. Santiago brings over 12 years of Local District 4 CEI experience to the Team and is currently serving as the CSS SR-A1A from east of Mercedes River small bridge to Sunrise. He has successfully participated and closed out over 30 projects as a CSS/Sr. Inspector with several perfect final estimates. He brings vast amount of experience in dealing with CSI's as he was successful in implementing 2 CSI's with a total value of over 3 Million

Our Inspector, Logan Fasanella his local experience in Broward County will be a tremendous asset to the project.

The Secretary/RCS is Mona Catalona and she will be in charge of monitoring CBE compliance and all document control. Ms. Catalona brings 11 years of Secretary/RCS experience and is well versed in all that will be required to keep a project in compliance and organized. Every aspect of the Wiles Road project will be covered by seasoned veterans that are experienced, knowledgeable and possess the right qualifications. Our entire staff are 100% available for this project that is set to start Summer of 2017. We are proposing a Staff composed of a Senior Project Engineer, Project Administrator, a dual roll Contract Support Specialist/Senior Inspector, Inspector and Secretary/RCS. See attached Organizational Chart attached.

C. Please Refer to Proposal J2112395P1 submittal page 376 for proposed organizational chart of CEI staff, and page 377 for Key Staff and sub-consultant resumes.

number of additional qualifications based on his time as a Senior Inspector. This allows him to comfortably communicate any concerns with his staff regarding the testing and documenting of the materials incorporated in the Project. His experience as a Sr. Inspector includes multiple projects on high-volume streets and freeways.

In the past 10 years, Mr. Guzman has been involved in 3 projects with scopes similar to the Wiles Rd. Project. These include widening projects on Griffin Rd. and Broward Blvd., lighting and signalization work on Sheridan St. and Pines Blvd., and irrigated landscaping along Oakland Park Blvd. In each of his many projects, Mr. Guzman was exposed to a wide-variety of MOT configurations requiring constant attention. Being on the front-lines of the Project, Mr. Guzman's experience with MOT will make all implementation and transition of phases seamless. Mr. Guzman also has a great deal of experience handling Contract Administrative functions such as meeting management, quantity tracking, and quality control.

His various duties have also included being directly involved with residential communities, including individual residents and HOAs, as well as commercial properties as it relates to providing education, updates, and issue resolution. Mr. Guzman has a keen ability to hold these discussions such that the target audience is not overwhelmed with technical terminology, keeping the topics basic and clear.

MEI's **Senior Inspector** will be **Mr. Jaime Caride.** Mr. Caride has been exposed to high-volume facilities including major arterials his entire career. One of most challenging projects was the widening and reconstruction of Okeechobee Rd. in Hialeah, FL. The project included almost every major type of construction scope possible including utilities, structural concrete, railroad coordination, and a stormwater pump station. Being exposed to a Project with such a diverse scope | II Project): Mr. Landgraf has over 37 years of extensive and his ability to quickly grasp the details and techniques associated with the work made him an easy choice to join our Team. His ability to communicate effectively was instrumental in ensuring that the contractor's personnel understood the specifications associated with the work. Based on his proven competency and capabilities, he was promoted to Senior Inspector after 4 years and was on the team selected by Sawarass Expressway in Broward County, both International Florida's Turnpike to return for as additional assignment on the HEFT. He continues to serve as a Senior Inspector as part

administration of this high-profile project.

David G. Romano, P.E., Senior Project Engineer/QA Manager - Availability (15%):

Mr. Romano is a Licensed Professional Engineer with a Master of Science Degree in Construction Management, and has over 20 years of experience specializing in the areas of Construction Engineering, Inspection, and Management (CEI&M). He has worked as a Senior Project Engineer/Project Engineer on various roadway construction projects in Miami-Dade, Broward, and Palm Beach Counties, as well as for FDOT Districts 4, 6, and the Turnpike, with an aggregate dollar value of over \$250 million. At RJ Behar, Mr. Romano is the Director of Construction Management Operations, and is directly responsible for overseeing the construction operations, administration, management, quality control, and monthly and final estimates (close-out package) of all construction projects. Mr. Romano has significant experience with project and contract administration, specializing in the areas of highway and bridge construction, urban reconstruction, complete streets projects, design-build, construction project management, and cost administration. Proven areas of expertise include budgeting and cost management, contract negotiations, and schedule analysis and progress management. His knowledge includes all facets of CEI responsibilities including the oversight of construction operations, administration, public relations, quality control, final estimates and claims analysis. As Senior Project Engineer, Mr. Romano is being proposed at 15% and will be responsible for overseeing the entire CEI operation, administration, management, and quality control of construction for the Wiles Road Project.

Greg Landgraf, Project Administrator - Availability (50% -50% Split between Wiles Road Phase I and Wiles Road Phase experience working on major roadway and bridge construction projects; varying in scope, size, and complexity all of which were successfully completed ahead of schedule and under budget. He has additional construction and project management experience associated with high speed interstate projects on I-95 in Palm Beach County, the Airports in Miami and Ft. Lauderdale, South Florida Water Management District, and urban projects in the tri-county of FDOT District 6's on-going CEI Support contract performing | area. As Project Administrator, his responsibilities include

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earthwork, concrete, asphalt inspection, signalization and lighting installation inspection. Kyle was a lead senior inspector on the County's Pembroke Road Project. Peter McIntosh – Roadway Inspector: Mr. McIntosh has over 8 years of experience in CEI related projects including material acceptance and verification testing for concrete, asphalt and soils compaction, nuclear density testing, signalization, earthwork inspection, concrete placement, asphalt paving, pollution controls monitoring and project documentation. Each of these talented individuals currently work on the I-5 /Sheridan Street project with Mr. Villanueva. Team Qualifications Just like on our recently completed Pembroke Road Project, the County Incentive Grant Program (CIGP) requires that all CEI firms be prequalified by the FDOT in order to perform CEI services for this project. It also requires that all the personnel proposed for this project are properly qualified by the FDOT Construction Training Qualification Program (CTQP). As part of the requirements for this submittal, we have included at the end of this document a resume of experience and qualifications for each E&R team member. Please Refer to Proposal J2112395P1 submittal page 259 for an overview matrix of our team member qualifications Please Refer to Proposal J2112395P1 submittal page 259 for Team Qualifications Matrix. B. Please Refer to Proposal J2112395P1 submittal page 263 for proposed organizational chart of CEI staff. C. Please see page 264 for Key Staff and sub-consultant resumes.		inspections on a variety of urban projects such as US-1/Grand Ave. and NE 54 th St./Hialeah Dr. He will obtain all required CTQP certifications for this project prior to the start of construction. Please Refer to Proposal J2112395P1 submittal page 752 for proposed sub-consultant staffing. Complete Streets Experience: B. Roles, Responsibilities, and Availability: As Senior Project Engineer, Mr. Rush will be available as needed throughout the Project's duration. It is currently estimated that Mr. Rush will be assigned to this project 50%. Mr. Rush will be responsible for: The overall coordination of MEI including budget, scheduling, staff evaluations, and providing the supplies and equipment needed for the successful completion of the Project Acting as the main point of contact for Mr. Hammond for interactions with MEI and the Contractor Supplying his expertise in schedule analysis, contract negotiations, and general coordination with the selected Contractor as needed Resolving construction issues brought to his attention including intents to claim Providing regular reports and updates to Mr. Hammond as requested regarding the status of the Project Establishing and maintaining contact with the City of Coral Springs, Forest Glen Middle School, residents (HOAs), local businesses, and emergency services B. Please Refer to Proposal J2112395P1 submittal page 789 for proposed organizational chart of CEI staff, and page 801 for Key Staff and sub-consultant resumes.	managing the contract, budget, contract time, and inspection staff; ensuring the contractor's conformance with the plans and project specifications, reviewing and keeping track of contractor submittals — shop drawings, requests for information (RFIs), project baseline schedule and monthly updates. Additionally Mr. Landgraf is responsible for reviewing the field inspector's project daily reports, review and approval of the contractor's monthly progress estimates, conducting the weekly progress meetings, and coordination with all project stakeholders - including the various agencies, utility companies, the public, businesses, and neighboring homeowners associations. Upon final project acceptance, Mr. Landgraf reviews and accepts the final as-builts plans, material certifications, project warranties, and is responsible for the preparation and submittal of the closeout package. Mr. Landgraf is the Project Administrator responsible for overseeing the roadway construction improvements on the Wiles Road (RRR) Project between US-441 and Rock Island Road. As both projects are next to one another, we are proposing Mr. Landgraf as the Project Administrator assigned to both projects, splitting his time equally (50 / 50) while Wiles Road Phase I is still ongoing. Once finished, Mr. Landgraf will be 100% assigned on Wiles Road Phase II. Stacy Sookdew-Sing, Contract Support Specialist/ Assistant Project Administrator - Availability (100%): Mrs. Sookdew Sing brings over 13 years of project management and contract support experience, performing multiple office support functions as a Project Administrator, Contract Support, Resident Compliance, Public Involvement Liaison, and Field Technician on various projects throughout Broward, Miami-Dade, and Palm Beach Counties. Mrs. Sookdew-Sing will be responsible for assisting the Project Administrator with the day-to-day project functions - overseeing the construction operations, administration, management, public relations, coordination with project stake holders, quality control, m

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road Evaluation Matrix

2. Project Approach:

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- **B.** Describe the prime proposers approach and understanding of Consultant CEI services and responsibilities.
- C. Describe the prime proposers approach to implementation of Complete Streets initiatives.

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Project Approach

A. Understanding of Project Scope

The project's objective is to increase capacity by adding one thru lane in each direction, improve traffic flow and safety, manage access by reconfiguring raised medians and improve drainage. To achieve this, Wiles Road from Riverside Drive to Rock Island Road will be reconstructed a distance of 0.86 miles; Wiles Road will be transformed from a 4-lane divided roadway to a 6-lane divided roadway with bike lanes, curb & gutter, and sidewalks on both sides. The existing lanes will be milled, over built to improve existing deficiencies, and resurfaced with two inches of structural course and one inch of friction course of asphalt. In addition, the project entails a new storm water management system inclusive of french drains, new cross drains, interconnecting pipes that range in size from 18 inch to 36 inch in diameter, new outfalls, addition of L-Walls in strategic locations in order to minimize excavation impacts to adjacent properties, two intersection signalization upgrades at Riverside Drive and Leitner Drive West/Woodside Drive replacing the existing strain pole signals with mast arms, revised signing and pavement marking to current specifications, installation of new lighting and the relocation and/or removal of existing trees along North side, South side and Median to give way to new landscaping and a new irrigation system in the median. A separate set of signed and sealed plans have been provided with the landscaping of this project. A challenge with widening projects that tie into existing milling and resurfacing is maintaining proper grades. Since the sequence of construction is to build the outside widening first to provide two lanes of traffic at all times in both the eastbound and westbound direction during the project's life, we will ensure the contractor performs a meticulous survey at every step of the construction process in order to guarantee the proper grades are achieved and the widenings are properly tied into the resurfaced roadway. E&R will also conduct survey to ensure a quality product is achieved.

Identification of Potential Issues Related to the Scope:

MOT: 1) Coordination with Adjacent Projects: the first step before construction starts is to coordinate the placement of MOT devices and signage with the current Wiles Road Project (Wiles 1) on the east side of Rock Island Road; this will require

Project Approach

A. Understanding of Project Scope

Project Scope: The project involves roadway widening, median reconstruction, sidewalk and bike lane construction, asphalt overbuild, replacement of existing strain pole signals with mast arms, directional boring of lighting conduit, modification to existing drainage as well as installation of new drainage. The plans also feature gravity walls and unique "L" walls of varying heights.

This is a mixed-use corridor, with both residential and commercial considerations. While the south side of the road is populated with businesses, the north side contains the communities of Hidden Hammocks, Country Acres and Whispering Woods of Coral Springs, each represented by its own Homeowners' Association. These developments will be impacted during roadway widening and milling and resurfacing operations; however, other activities may affect these locations during construction. The fire station currently under construction at Rock Island Rd and Wiles Rd will not be directly impacted by operations. Cooperation will be required to not impede emergency response during construction, specifically during widening and roadway resurfacing.

Potential Issues/Challenges: The mast arm installations at Leitner Drive West about the neighborhood of Whisperina Woods of Coral Springs. Additionally, 5 drainage structures and 440 LF of 36" pipe are called to be installed along Leitner Drive East. This HOA is preparing to commence a resurfacing of the property and will need additional coordination to limit the potential impacts to construction. We will coordinate with the property manager, Mary Banmiller, to proactively address any concerns they may have. The roadway widening will impact the driveways to businesses in the area. The driveway to the Publix Plaza at Sta. 243+00, is the sole entry point from Wiles Rd. The shopping centers between Riverside Drive and Woodside Drive, as well as the Whispering Woods Business Center, are completely dependent on accessibility from Wiles Rd. Any work in these areas will require additional coordination between the Contractor and stakeholders to complete this work as efficiently as possible. The Contractor will be required to maintain access during roadway widening and driveway reconstruction at each affected entrance. Sheet 148, Note 4 states a single lane closure will be allowed

Project Approach

A. Understanding of Project Scope

Project Scope: To ensure that MEI will meet or exceed Broward County's expectations for the Project, we have carefully reviewed the Scope of Services, Plans, Complete Streets Guidelines, and conducted field reviews of the Project site. We have also reviewed plans for the on-going project to the east in an effort to understand the transitions and tie-ins for MOT, paving, striping, and signalization. We understand that this Project's primary objective is to widen Wiles Rd. from a four(4) lane to a six (6) lane divided roadway with bicycle lanes from west of Riverside Dr. (83rd Ave.) to east of Rock Island (Rothschild Dr.), where it will connect with the on-going widening project to the east. The Scope of Work for the 0.927mile Project includes roadway reconstruction, widening, milling, and resurfacing, extensive drainage, utility relocations, signalization improvements, landscaping, and street lighting.

These improvements are being done in accordance with Broward County's Complete Streets Guidelines in an effort to improve the aesthetics and efficiency of the facility, and to ensure safe access for pedestrians, bicyclists, vehicles, and transit-riders within the City of Coral Springs.

Drainage: It is the intent of the project to utilize as much of the existing French drain system as possible. In addition to new drainage structures, this involves the conversion of existing inlets into manholes, and the modifications of other inlets to match the new typical section. The scope also includes approximately 450' of new French Drain on the north side and approximately 1000' on the south side. In addition to the work along Wiles Rd., the north system will also include a new outfall adjacent to the eastern boundary of the Whispering Woods Park, emptying in to the canal bordering the southern limits of the Whispering Woods neighborhood. The south system will make use of improvements to an existing system that runs parallel to Woodside Dr. and drains into a canal running adjacent to NW 45th St., managed by the Sunshine Water Control District.

Sidewalk/Curb/ADA: To improve pedestrian mobility through the corridor, the project includes the installation of new sidewalks, and the replacement of the existing sidewalks on both the north and south sides of Wiles Rd. with 5.5' to 6'

Project Approach

R.J. Behar & Company, Inc., (RJB), in association with Federal Engineering & Testing, Inc. (FET), and Aylward

Engineering & Surveying, Inc. (AES) is pleased and excited for the opportunity to submit our proposal for your consideration, to provide Construction Engineering and Inspection services for the Wiles Road Project, from Riverside Drive to Rock Island Road. The RJB Team will ensure that this high-profile project is a complete success and exceeds Broward County's goals for safety, quality, time and budget and minimizing impact to the public. Our team has thoroughly reviewed the Design Plans prepared by Kimley-Horn and Associates, Inc. Having analyzed the plans, existing site conditions, and project environmental features, the RJB Team is extremely familiar with the project scope, the existing roadway geometry, typical sections, existing utilities, traffic flow conditions, homeowner communities/associations, and environmental aspects that will be critical to the overall success of project.

RJB is bringing Broward County a wealth of experience, not only in the aspects of Construction Engineering and Inspections (CEI) services, but also with the professionalism and responsiveness of our services. Furthermore, RJB's Team is prequalified in major work group 10.1 (Roadway Construction Engineering Inspection), needed to properly administer and staff the needs of this project. Our team has the capacity and capability of covering every possible work category that may be exhibited under this Construction Engineering and Inspection contract, including but not limited to project and construction management, inspection (road, structures, drainage, utilities, earthwork, concrete, asphalt, lighting, signalization), materials sampling and testing, estimating, constructability studies, plan reviews, contract compliance monitoring, contract support, landscape inspections, work schedule review, and claims review. Whatever the need, the RJB Team is committed and more than equipped to provide Broward County with experienced management and technical support to make the upcoming Wiles Road Project a complete success.

The **RJB Team** possesses the experience and knowledge needed to run this project as it should be – timely, accurately, efficiently, and within the parameters of the plans, contract documents, specifications, and design standards to ensure

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wide sidewalks. All intersections and driveways will also be

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moving construction ahead signs, relocating construction end signs and readjusting MOT between the two projects. Being able to work and coordinate work with another construction team throughout the length of the project is crucial for the successful completion of any project; in the Pembroke Road project our team worked seamlessly and successfully with the FDOT contractor that constructed the bridge while the Pembroke Road approaches were being constructed. In the same way, we will work with Wiles 1 CEI team, R.J. Behar, to ensure there is no conflicting MOT between the two projects and that any tie in work is coordinated between contractors. A system that has worked well for our team on the I-75 project, is to conduct biweekly coordination meetings where the topics of discussion include construction activities that commence near or at the project limits. These meetings have had great success and we plan to use the same concept on this project. On the Wiles Road project, we will involve all the project's stakeholders including Wiles 1 CEI and contractor, HOA representatives, shopping plaza's representatives and utility companies involved in the project, as needed.

2) Traffic flow and Pedestrian access: Due to its urban location, traffic flow and pedestrian traffic are two of the major challenges along this project. Since Wiles Road connects University drive and SR-7, it carries high volumes of traffic; just like on E&R's SR-7 project, our team's primary goal will be to move traffic safely and efficiently through the construction zone, so that residents and customers arrive to their destination with minimal delays: to achieve this our team has taken a proactive approach with the contractor when it comes to monitoring and inspecting the MOT on a daily basis. We will provide credible, accurate advanced notification, proper signage, provide and maintain driveway access to residential communities and businesses throughout the project duration, this will make this process more manageable for the traveling public. Another challenge within this project, are the number of pedestrians from the residential communities and commercial shopping that use Wiles Road; our team will make certain the contractor provides at all times for a pedestrian walk route on at least one side of Wiles Road and that crosswalks are maintained or temporary crossing routes be installed with suitable pavement or road rock as well as proper pavement markings and signalization. During our project review, we noticed that on the north side of Wiles Road, some of the existing sidewalk

between 9:30PM and 7:30 AM. Note 13 requires the Contractor to obtain a special permit allowing operations outside of the time constraints placed in the Coral Springs noise ordinance (6:00 PM to 7:00 AM on weekdays, 6:00 PM to 9:00 AM weekends and holidays). We will coordinate with the Contractor to ensure any lane closures occur in the timeframes specified, and only if the required permit has been previously obtained.

Utility relocation is a challenge in any project. The volume and variety of adjustments and relocations to be performed by maintaining agencies proves unique and will require a significant level of coordination between all parties. Of note are the 4 locations calling for relocation of the 6" Gas Main (STA 242+90, 251+70, 253+00 and 263+50). There are also 16" and 12" Water Mains requiring relocation throughout the project limits. We will rely upon our previous relationships with David Rivera and Max Chamorro (TECO) and Coral Springs Public Works Department to encourage them to relocate their lines and have the least impact upon construction.

Environmental: The silt fence, inlet protection and outfall protection will be inspected regularly, with special attention given to the 11-acre Whispering Woods Park containing wetland mitigation and the 13.9-acre Red Lichen Sanctuary which fall within the project limits. The Contractor is required to install silt fence at these locations, and no construction shall occur in the immediate areas surrounding the Sanctuary prior to the installation of protection measures. Any observed deficiencies will be brought to the Contractor's attention immediately. Special care will be paid during the mast arm installation at the NE corner of Riverside Dr. and Wiles Rd to avoid any contamination of construction material into the Sanctuary.

Additionally, TCP Note 17 directs the Contractor to provide a vacuum street sweeper at least twice a week "or as directed by the Engineer." We will monitor field conditions daily and direct the Contractor accordingly, and jobsite cleanliness will be a topic of discussion during the regular progress meetings.

B. Prime proposers approach and understanding of Consultant CEI services and responsibilities:

Through our experience with R1261804P1, CEI services for Wiles Rd. from Rock Island Rd to SR7 and R1229508P1, CEI services for Pine Island Rd. from Nova Dr. to SR- 84; And from reviewing the Scope of Services as detailed in Exhibit A of the

brought up to standards with the latest ADA requirements regarding the Detectable Warning Surfaces and cross slopes.

Signalization: The signalization infrastructure at Riverside Dr. and Leitner Dr. West will both be replaced. Because of the geometry resulting from the roadway widening and to meet new standards, the existing signal at Riverside Dr. will be reconstructed with mast arms. The mast arms at Woodside Dr./Leitner Dr. West are being upgraded due to the new roadway typical section and to meet the latest 150-MPH wind speed standard. Both intersections will retain video detection systems, which will need to be recalibrated to capture the new typical section. Finally, the scope also includes improvements to the interconnect communications between the multiple intersections along the Wiles Rd. corridor, including

Lighting: The scope of work includes the installation of new lighting along the north side of Wiles Rd. with new 200W, 33.5' M.H. luminaires. The south side lighting will be mostly adjustments to the existing system with an occasional new luminaire installed on an existing pole. The street lighting will be completed by both the County's contractor and FPL. The County's contractor will be responsible for the installation of FPL provided conduit and pull boxes as shown in the County's plans. FPL will be responsible for installing the poles, luminaires, service points, and conductors.

connectivity to the on-going project to the east of this phase.

Signing/Striping: Continuing with improvements in mobility, the Project includes improved signing for vehicular traffic, high-contrast, 4' wide bike lanes with markings that include a light green background $(4' \times 20')$, and internally illuminated street name signs at the signalized intersections.

Landscaping: One of the first operations the contractor will consider is the relocation of 77 trees including, live oaks, silver buttonwoods, crepe myrtles, and a variety of palm tree species. New plantings include 87 new trees and over 3300 shrubs, all of which will be watered by a new irrigation system. To account for the loss of existing canopy, an additional 31 trees will need to be planted based on the County's requirements. The locations for these additional plantings will be coordinated with the County.

Additionally, there is a significant amount of tree removal (9 trees), relocation (11 trees), and planting within the Whispering Woods Park that will be completed in conjunction with the new storm drain outfall line along the east side of the

that this milling, resurfacing, and reconstruction improvement project is built correctly and administered efficiently from the onset. We are confident that we will be able to provide Broward County with an unparalleled level of skill and industry knowledge. Our CEI Team is 100% available and would be willing and able to commence work on the Wiles Road Project as soon as we receive the notification to proceed by the County. Our current workload, discussed in detail in section 5 of the Evaluation Criteria, further substantiates the team's availability, allowing us to handle the proposed project workload effectively, professionally, and within the boundaries of the construction schedule and budget. As the CEI Consultant for Broward County on the Wiles Road segment to the east (from US-441 to Rock Island Road), RJB has a great deal of actual experience managing the same type of project on the Wiles Road corridor. We have an excellent working relationship with the Engineer of Record (EOR), Mr. Marwan Mufleh, P.E., of Kimley-Horn & Associates, Inc., who is also the EOR for the upcoming Wiles Road Phase 2 project. Similarly, we have great working relationships with the staff of both cities (Coral Springs and Parkland) and Broward County, involved in this project. As such, there will practically be no learning curve for RJ Behar, and we will be able to offer and implement the "lessons learned" from the adjacent project on Wiles if we are selected for this project.

A. UNDERSTANDING OF THE PROJECT SCOPE

In keeping with the Broward Metropolitan Planning Organization (MPO) Long Range Transportation Plan (LRTP), the proposed Wiles Road project will transform the existing four-lane divided corridor into a six-lane corridor from west of Riverside Drive to Rock Island Road. Other improvements include new mast arm signals with video detection upgrades at the intersections of Riverside Drive and Woodside Drive, wider pedestrian-friendly 6-FT sidewalks, a new 4-FTwide bicycle path, storm drainage improvements which include over fifty-nine (59) new structures; street lighting improvements conduit, directional bore, and pull box installation by Contractor, remainder of lighting system to be installed by FPL, landscaping improvements which include relocation of existing trees, new trees, sod, and irrigation systems; and new signing and thermoplastic pavement markinas.

Drainage – The existing roadway drainage is being improved and a new storm drainage system will be constructed,

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road Evaluation Matrix

2. Project Approach:

- A. Describe the prime proposer's understanding of the project scope, challenges and key milestones. Include any potential issues related to the scope.
- B. Describe the prime proposers approach and understanding of Consultant CEI services and responsibilities.
- **C.** Describe the prime proposers approach to implementation of Complete Streets initiatives.

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dead ends, this will be a problem when the road is going to be reconstructed to the south. We will ensure that all the sidewalk on the north side is temporary connected prior to working and closing the south sidewalk.

ADA: Our team will ensure that the project will be constructed in compliance with the latest ADA standards. During construction we will monitor all temporary sidewalks and curb ramps to provide safe unobstructed walking surfaces.

As the permanent features are constructed we will verify appropriate cross slopes with the use of a smart level and the proper treatment is provided at the intersection curb ramps. We will make sure the signalization push buttons are at the appropriate height and the landings are at the correct distances from the crosswalks.

Drainage: The Wiles II project requires an extensive amount drainage construction with nearly 1,000 LF of new French drains, 2,400 LF of pipe culverts, culvert extensions with the use of collars and modification to existing drainage structures. Our team has years of experience with drainage construction projects identical to this project. One of the challenges with these types of installations is conflicts with existing and relocated utilities. Our team will work closely with the entities performing the relocations to mitigate conflicts with the proposed drainage. Oftentimes utilities relocate their services without regard for the future construction. Another challenge is maintaining temporary drainage during construction. We will work closely with the contractor to ensure temporary drainage is accounted for. This will require an extensive effort by the contractor because a large percentage of the drainage, when constructing the widening, are extensions of existing pipe culverts into proposed drainage structures. The Wiles II project also poses a challenge in regards to existing utilities, careful coordination with utility owners to relocate is required to reduce any time impacts to the construction schedule and close monitoring of the contractor while excavating is also required in order to avoid damaging existing utilities within the work zone.

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F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324

CEI Contract, we understand the expectations required of our Team for this project.

Our Team has the proven track record, experience and knowledge to ensure documentation of all pay items and asbuilt drawings are done accurately. Additionally, we will ensure proper tracking and resolution of all RFI's and submittals. The entire inspection staff will make sure that both the Quality Control and Verification testing are done at the correct frequencies and are checked on a weekly basis and that Carnahan Proctor and Cross are scheduled for surveying. Our Inspection Staff will establish critical processes to efficiently track project documentation; Provide open communication on all construction issues and involve the EOR when appropriate; and review and disseminate the CPM schedule to all parties while always looking forward to identifying potential issues that may be on the horizon.

Mr. Santiago, CSS, will make sure that all record keeping is upto-date prior to running a progress estimate. With his strong back ground as a CSS, he understands exactly what will be needed to properly and accurately document this project. He will ensure that the electric field books, as-built plans, time file, weather letters, CPPR's, and monthly certifications.

The F&J Team is committed to the highest quality and professional excellence and has the resources to assure the Broward County's goals are met. We have refined the same successful and proven throughout our long history of CEI Project Management to address every aspect of work to exceed the requirements of our Scope of Services and our closeout process. Our QA/QC Team includes two highly experienced industry professionals: Francis Chin Sr. P.E., and Osvaldo, "Ossie" Larrazabal, P.E. who will provide Local QA/QC oversight for this project and will performance reviews at 30%, 60% and 90% of the project ensuring pay items are paid correctly, materials are being tested with the correct frequencies and the Contract is in compliance.

C. Approach to implementation of Complete Streets initiatives: Complete Street initiatives are those that utilize design standards to make streets safe for all users, including those who walk, ride bikes and use public transportation by designing such features as widener sidewalks and adding bike lanes

See page 371 for additional information

Metric Engineering, Inc. 13940 SW 136th Street Miami, FL 33186

park. Restoration work will also be required for the art installation surrounding the Burrowing Owl pit located in the northeastern corner of the Park which is being impacted by the construction of the new outfall line.

Project Challenges: Wiles Road has a high volume of vehicular traffic and pedestrian traffic and provides primary facility access to commercial properties, professional business offices, and residential communities.

The project is being partially funded through the **County**Incentive Grant Program (CIGP). This means that the County
will be required to provide specific reporting to the FDOT to
verify the terms of the CIGP are being met and that the money
is being spent in accordance with the agreement. It will be
essential that MEI provide support for this program such that
the County remains on good terms with FDOT for future
grants of this type. Items that MEI will be monitoring and
acting on as needed include:

QC lab.
Environ
contract
maintain
constru

- Agreement expires on June 30, 2018. A renewal will be necessary before the project is completed;
- The County will need to provide monthly reports to FDOT on the status of the Project;
- MEI will provide the County with assistance on their quarterly and final reimbursement submittals;
- MEI will provide support to the County for both the internal and external audits;
- Should the FDOT elect to visit the Project, MEI will arrange and host the field meeting to make sure Department officials are fully aware of the status of the Project and have safe access throughout the job site

A Project of this scope and location has many stakeholders and MEI has a proven and practical plan to ensure effective

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consisting of the proposed installation of a total of 59 new drainage structures, 1,524 LF of French Drain, and over 2,209 LF of optional pipe. This operation will require great coordination with the Contractor and their QC Lab, such as providing enough resources for the required sampling and testing of all earthwork and drainage backfill operations, in order not to pose any related delays or impacts to the project. RJB's team will assist the Contractor in coordinating with their OC lab

Environmental/Stormwater and Erosion Control - The contractor shall provide an Erosion Control Plan for maintaining all erosion and sediment controls throughout construction. The contractor shall install proper stabilization measures to minimize erosion, retain sediment, and prevent discharging pollutants. Controls may include installation of filter fabric for inlet protection, litter control and waste collection, floating turbidity barriers, controlling offsite vehicle tracking of sediments, dust control, covering trucks with tarps, use of roadway sweepers, and removal of excess dirt from roadways on a daily basis.

Our CEI team will ensure that all construction activities are performed in compliance with the NPDES permit requirements, within the allowable methods outlined in the approved stormwater pollution prevention plan, and that the contractor implement best management practices (BMP's) to avoid environmental impacts. Furthermore, the contractor's staging area will be carefully reviewed and coordinated with Broward County's Project Manager and Environmental Services Division to ensure that the proposed location and construction activities do not pose environmental risks or threats to the surrounding habitat.

Dust control will be a very important aspect of the project construction. The contractor will be required to use vacuum broom trucks along with water trucks to keep dust control down to acceptable levels.

See page 139 for additional information

See page 759 for additional information

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Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road **Evaluation Matrix**

3. Past Performance:

- A. Describe the prime Proposer firm's construction management methods and techniques. Include details on firm's ability to make decisions and facilitate resolution of disputes.
- B. Describe the prime Proposer firm's knowledge and experience with construction scheduling.
- **C.** Describe the prime Proposer firm's experience with Complete Streets project elements.
- D. Describe the prime Proposer's experience on projects of similar nature, scope and duration, along with evidence of satisfactory completion, both on time and within budget, for the past five years. A minimum of three references should be provided for the projects identified. References and performance evaluations will be considered in evaluation of Proposer's past performance.

Proposer should provide references for similar work performed to show evidence of qualifications and previous experience. Refer to Vendor Reference Verification Form and submit as instructed. Only provide references for non-Broward County Board of County Commissioners contracts. For Broward County contracts, the County will review performance evaluations in its database for vendors with the County. The County considers references and performance evaluations in

the evaluation of Proposer's past performance. Eisman & Russo, Inc. F&J Engineering Group, Inc. Metric Engineering, Inc. R. J. Behar & Company, Inc. 6455 Powers Avenue 8761 North Lake Dasha Drive 13940 SW 136th Street Jacksonville, FL 32217 Plantation, FL 33324 Miami, FL 33186 **Past Performance** Past Performance: **Past Performance** A. Construction Management Methods and Techniques A. Construction management methods and techniques A. Construction Management Methods and Techniques: The E&R team manages projects by providing proactive including details on firm's ability to make decisions and MEI's commitment and focus begins by ensuring that the

solutions to keep the construction efforts moving forward. We hold look-ahead meetings with the contractor focusing on uncovering obstacles and developing strategies to address them and building a collaborative environment where all parties are focused on common goals. Our team's experience on similar projects allows us to establish trust and look at things from a constructability perspective. This experience is what differentiates a competent construction management

team from merely an inspection / record-keeping team. Broward County must have a proactive CEI team that is capable of assisting the contractor and driving the schedule. Our training and experience facilitates sound independent engineering judgment, resulting in a rapid approval process for construction documents. We will monitor and track the project schedule, conformance to contract documents, implementation of the contractor's QC Plan and reporting. Our approach to this project is based upon our team's personal experience working on urban corridors where public involvement with residents, businesses and County officials is essential to ensure minimal disruption and plays a big role in successful execution of the project's construction. Efforts to minimize impacts to the traveling public and residents will be made through public participation meetings and credible advance notification of construction activities.

Our team members commit to meeting the County's project manager to establish project specific goals prior to the start of construction. At a minimum, we obligate our team members to the following goals:

• Outstanding Service. We understand the motoring public as well as the adjacent property owners and businesses have high expectations in regards to safety, service and convenience when the County undertakes a roadway construction project, and our

facilitate resolution of disputes:

Our Inspection Staff will establish the following critical

- Efficiently track project documentation with a live online document server.
- Provide open communication on all construction issues and involve the EOR when appropriate.
- Review and disseminate the CPM schedule to all parties while always looking forward to identifying potential issues that may be on the horizon.

Our systematic and detailed process to manage projects such as this will guarantee a quality final product. Pre-activity meetings will prove vital to all construction actives and will limit, if not eliminate, the amount of re-work that will be detrimental to the project. The inspection staff will maintain an updated list of deficient items on the project. During the weekly progress meeting we will update Michael Hammond, P.E. of what is completed and what is outstanding. This is crucial in making sure the list is communicated with the Contractor so the Contractor can update the team with the action plan. This also ensures minimal punch list items at the end of the production work and an earlier final acceptance. We will have an online server with remote access so that items will get updated as they occur in the field. The Mr. Hammond, P.E. will also have access to view these remotely keeping him up to date with the latest information available from our project staff members and provide our client with the quickest possible dissemination of material. This will also help facilitate resolution of disputes in a more timely manner as all parties will be privy to the most current material available.

Our project team will lean on our SPE, James Jeffers, P.E., with his 25 years of Construction experience to resolve any issues

team proposed for the Project is highly qualified and experienced in each facet of the Project's scope. It continues by employing a tested and validated Project Management Plan (PMP) that is supplemented by a Quality Assurance/Quality Control Program that ensures that all work is accomplished in accordance with the Contract, plans, specifications, standards, and best practices of the industry.

The process is reinforced by independent Project audits, the results of which are reported to MEI's Senior Management. As a result, accountability to meet or exceed the client's expectations is maintained at all levels of the team.

One of the key features of the PMP is the continuous communication with Mr. Hammond including our reporting of progress and resolution of issues and the receiving of feedback from him on MEI's performance.

MEI also relishes their ability to openly communicate with their multiple partners not just within the Team, but with the numerous experienced staff within each of the Team's firms. With the inclusion of Tectonic Group International and Aylward Engineering and Surveying, we will be providing a broad network of staff experienced in Broward County

MEI understands that each project has unique elements, types of work, and components. The "lessons learned" from previous projects are valuable tools that will be used moving forward on the Wiles Road Project to predict and prevent issues. MEI knows how to apply and put to practice management techniques such as Schedule Impact Analyses (SIA), PMP, Public Information Plan (PIP), and Risk Monitoring & Control to ensure Quality and Performance.

Ability to Make Decisions and Facilitate Resolution

MEI's empowerment philosophy is that the Project complexity combined with customer demand for responsiveness and

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As proficient and trained CEI Consultants, Broward County can be confident that the **RJB Team** will perform to the highest of standards and be proactive on all project aspects. Our experience has raised our awareness with respect to the following project issues, all critical to the successful

- Provide Qualified and Certified Staffing for the project in a Timely Manner
- Ensure Adherence with all Contract Requirements
- Effective Maintenance of Traffic

administration of this project:

- Ensure Project Safety and Protection at the Worksite
- Minimizing Impacts to Residents, Businesses, and Commuters
- Proactive Public Involvement and Project Coordination
- Effective and Timely Coordination with Utilities and **Agencies**
- Ensure ADA Compliance
- **Environmental Concern Awareness**
- Compliance with Permits (SWPPP; NPDES, ROW Occupancy)
- Quality Control/Quality Assurance Program
- Maintain Complete and Accurate Project Records
- Establish Material Certification Process at Project
- Timely and Accurate Submittal of Final Estimates and Close-out Package
- Ensure the Project is Completed on Time and Within

We are confident that we will be able to provide Broward County with an

unparalleled level of skill and industry knowledge

A. Construction Management Methods and Techniques: Effective Communication – Regular and consistent

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road **Evaluation Matrix**

3. Past Performance:

- A. Describe the prime Proposer firm's construction management methods and techniques. Include details on firm's ability to make decisions and facilitate resolution of disputes.
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- **C.** Describe the prime Proposer firm's experience with Complete Streets project elements.
- D. Describe the prime Proposer's experience on projects of similar nature, scope and duration, along with evidence of satisfactory completion, both on time and within budget, for the past five years. A minimum of three references should be provided for the projects identified. References and performance evaluations will be considered in evaluation of Proposer's past performance.

Proposer should provide references for similar work performed to show evidence of qualifications and previous experience. Refer to Vendor Reference Verification Form and submit as instructed. Only provide references for non-Broward County Board of County Commissioners contracts. For Broward County contracts, the County will review performance evaluations in its database for vendors with the County. The County considers references and performance evaluations in

the evaluation of Proposer's past performance. Eisman & Russo, Inc. F&J Engineering Group, Inc. Metric Engineering, Inc. R. J. Behar & Company, Inc. **6455 Powers Avenue** 8761 North Lake Dasha Drive 13940 SW 136th Street 6861 SW 196 Avenue, Suite 302 Jacksonville, FL 32217 Plantation, FL 33324 Miami, FL 33186 Pembroke Pines, FL 33332 team members commit to meeting that may arise throughout the duration of the project. His efficiency, requires management to empower the Team to communication and coordination are crucial for any type of extensive experience in issue tracking and resolution along take ownership and responsibility for the Project. MEI team contract, especially a high-profile reconstruction project, as is expectations. with coordinating and negotiating with Contractors will members can carry out their assignments using the skills, Wiles Road. RJB will be actively involved in the day to day Effective Workforce. We have assembled superior team members providing Broward County and the ensure the success of this project. methods, and techniques described in this proposal. MEI is operations, and engage with Broward County's Project B. Knowledge and experience with construction scheduling: comprised of the highest caliber personnel with an in-depth Management staff and our sub consultants on a regular basis travelling public with industry leaders at every Our Firm will rely on our extensive past performance on understanding of the Project objectives and contract to discuss project issues, such as the work progress, address assigned position. projects and ensure all activities in the CPM Schedule are requirements which will result in efficient decision making at | field RFIs, track shop drawings, and monitor the project • Efficient Project Delivery. Our team members commit to deliver this project within the County's comprehensive, clearly represented and achievable. the lowest possible level, and prompt and clear schedule in the most effective and efficient manner. RJB will Monthly reviews of updates will be made and discussed at communication with Broward County and the Contractor. establish a Line of Authority and a Line of Communication for goals for time and budget through proactive project management focused on resolving issues at the schedule meetings, ensuring a well-managed, timely project. MEI's Senior Staff has a solid reputation among their various | this project and discuss from the onset with all parties at the preconstruction meeting. One month prior to the start of the On our SR-834 (Sample Road) from NW 54th Ave. to clients with regards to problem solving and decision making lowest possible level and a collaborative working project, David Romano along with Greg Landgraf will have a Tradewinds Park Rd. project, the Contractor was struggling to with great results. Referring to Mr. Rush's specific experience relationship with the project manager, contractor create a recovery plan that was viable with the resources at in the industry, having the perspectives of a career owner prework meeting with the project team personnel and 1) partners and regional stakeholders. hand. We had weekly scheduling meetings with the owners of representative and well-versed engineering professional, the communicate Broward County's project-specific objectives, 2) Maximize the Return on Investment. Our team ensure each person has an up-to-date working knowledge of the company and got commitments for more resources. We decisions brought to his attention are well thought out and members commit to managing the County's financial were able to makeup time through innovative practices and result in win-win situations the majority of the time. Mr. Rush the latest project and construction documents to fulfill their investment in Wiles II in a fiscally responsible ended up winning the 2012 FTBA award for best urban has nearly 19 years of experience as an Owner (NMDOT, duties timely and responsibly, 3) ensure each person has manner. Our team members will assist the County's project. Both Mr. Jeffers, P.E. and Mr. Salazar, P.E. have Florida's Turnpike, City of Miami) making the decisions at the necessary equipment to perform their task assignment leaders in finding ways to do things more cost extensive experience in reviewing a Critical Path Method field and managerial levels. The variety of project types he has successfully, 4) make each person aware about their lines of effectively and returning those savings of either time (CPM) Contract Schedule for a project and will request it be been involved with, including bridges, drainage, roadway authority and lines of communication specific to the project or money back to the County as Mr. Offredi did on widening, utilities, and landscaping, to name a few, further and 5) last but not least, confirm with all personnel that they submitted within 30 calendar days after execution of the the Pembroke Road project. Contract or at the preconstruction conference, whichever is strengthens his skills in this field. are responsible for the quality of service throughout the • Safety. Safety for the public and the construction earlier. They will ensure that the Contract Schedule is Mr. Guzman's experience in this industry for over 11 years in assignment and should adhere to Broward County's team is the number one concern on any construction consistent with the Contract Maintenance of Traffic plan, construction inspection and contracting brings the same type procedures and guidelines. Most importantly, maintaining project. Our safety goal is consistent with the showing activities for each discrete Contract activity to be of variety. Mr. Guzman excels in the technical analysis of jobsite and public safety is imperative at all times. Based on County's goals that it sets for its personnel and accomplished within each Maintenance of Traffic phase. If the project issues and brings recommended solutions that are our past experience, RJB will deploy a checklist for each project is behind schedule, they will ensure a detailed recovery technically sound, covering all the angles, resulting in a win assignment to verify the inspectors have the necessary tools B. Knowledge and Experience with Construction Scheduling plan will be in place that will put the project back on schedule. win for all parties involved. He also brings a very analytical to perform their duties. When reviewing a contractor's CPM schedule there is no approach to his duties which brings consistent results. substitute for experience. Mr. Offredi and Mr. Villanueva have Mr. Caride has the right perspective in attacking construction extensive knowledge and understanding of the CPM project issues. He not only knows the specifications and construction. contract requirements for each type of work assigned, but he also knows when to escalate the issue should it be necessary. Additionally, Mr. Caride excels at approaching the contractor's staff about observed issues, discussing immediate resolutions and reporting any conflicts timely and clearly. See page 372 for additional information See page 769 for additional information See page 146 for additional information

See page 260 for additional information

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road **Evaluation Matrix**

4. Quality Control:

Describe the firm's techniques to CEI quality control. At a minimum describe the firm's technique to control contract documentation, including record keeping, material testing for comparison/acceptance, verification inspection/testing of the work, communication process, and assurance of accurate final as-built drawings.

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Metric Engineering, Inc. 13940 SW 136th Street Miami, FL 33186

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Quality Control

QUALITY ASSURANCE AND QUALITY CONTROL

Eisman & Russo is committed to the promotion of quality and professional excellence. We believe that outstanding performance begins with individual commitment to quality and the firm's commitment to provide its client with quality service. Our QA/QC Team includes highly experienced individuals such as J. Scott Gombar, PE, Ido Shimony, PE, and Chris Charvat to perform quality reviews to assure compliance with all aspects of the scope of work. The QA/QC reviews will follow a specific QA Plan that will be prepared and submitted specifically for this project. The plan will include our team's organization for providing the reviews, details on our review process, records generated from the reviews, and certification that the review process was conducted in accordance with the County's procedures. The quality reviews will be submitted to Mr. Michael Hammond, P.E. and will include compliance with specific quality assurance provisions.

Our team of seasoned inspectors know their roles and responsibilities. They will each be prepared with the necessary tools to do their job effectively. They will each have laptop computers with air cards and smartphones. They will have access to the project files through a project specific SharePoint site which will be used for documentation storage and control. They will have all of the governing contract documents as well as the statewide guide lists in their vehicles for use and reference. We will utilize our GoPro Hero3 video camera to document preconstruction conditions, monthly progress throughout construction and project completion. In addition, aerial photography will be performed monthly to document construction progress.

Quality Control

Techniques to CEI quality control to control contract Our approach to quality starts with the development of a for comparison/acceptance, verification inspection/testing of the work, communication process, and assurance of accurate final as-built drawinas:

Our Team utilizes a document management system that is on a remote access server and gets backed up daily. We will scan all documents, such as C-22 cards for material testing, into the system and categorize it with a master project item list. Our CSS, Ryan Santiago has the proven track record, experience and knowledge to ensure documentation of all pay items, asbuilt drawings, material testing and tracking are done correctly. Mr. Santiago will diligently track all materials and will get with the inspection staff and review all the certifications and sampling frequencies for the projects materials. He will make sure that the Concrete, Asphalt, and Earthwork QC Plans are turned in and approved prior to placing any concrete, asphalt, or earthwork on the project. The inspection staff will make sure that both the Quality Control and Verification earthwork record systems (density logbooks) are checked on a weekly basis and our QC/QA staff reviews them monthly.

Request for Information and Submittal - We will track all RFI's generated by the Contractor by immediately contacting the EOR, if there is an issue that needs resolution that cannot be resolved in the field. We will ensure that there is no delay in the review process with submittals. Mr. Santiago will receive all submittals and forward them to EOR immediately. He will keep a detailed submittal log and make sure to send reminders, via email, on a weekly basis. Additionally, he will ensure that all plan revisions are tracked and distributed to the entire staff and contacts.

Progress Estimates-Mr. Santiago will make sure that all record keeping is up-to date prior to running a progress estimate. With his strong back ground as a CSS, he understands exactly what will be needed to properly and accurately document this project. He will ensure that the electric field books, as-built plans, time file, weather letters, CPPR's, and monthly certifications.

The F&J Team is committed to the highest quality and professional excellence and has the resources to assure the

Quality Control

documentation, including record keeping, material testing | Project Management Plan (PMP) which outlines how specific actions (inspections, documentation, communications, etc.) will be completed by our Team. The PMP will be supplemented by a QA/QC Plan to ensure that we are providing the results expected from Broward County, including but not limited to, fulfilling the Project objectives for time and money and executing the Project with the quality standards specified in the contract documents. The PMP addresses activities from award to Project closeout and at a minimum will ensure that:

- There is a detailed documentation of all Project activities
- The material testing criteria are clearly understood and
- The verification Inspections are performed as required
- There is a communication plan that is understood and reinforced by all parties
- Plan changes and as-built conditions are fully documented What follows is a brief description of sections form our PMP and excerpts from our QA/QC Plan that give an indication of how these activities will be monitored.

Documentation and Recordkeeping

MEI will provide accurate and thorough documentation of all Project activities. Work will be documented in the Daily Work Reports, field books, photographs, video, or any other necessary form(s) appropriate to the Project. Documentation will be reviewed on a daily basis by Mr. Guzman, and copies will be uploaded to a SharePoint site for immediate internet access by MEI and Broward County staff. All hard copy correspondence received from the contractor will be scanned, labeled, and catalogued into a database/spreadsheet. Our quality control of this activity will include, but is not limited to:

- Comparing hardcopy submittals to scanned documentation
- Comparing received deliverables to expected deliverables
- Reviewing the actual and expected response times to submittals
- Review photos and video for Project record-keeping applicability Material and Work Acceptance (Verification Testing)

The Material and Work Acceptance criteria will be thoroughly

Quality Control

Our accomplished incorrectly. Our proactive philosophy emphasizes the early resolution of project issues. An ongoing Quality Control (QC) process goes a long way identifying these key issues early. RJB's policy is to strive for excellence in the auglity and the professional services that we provide to our clients. We attain this objective by adhering to proven procedures formulated to ensure the quality of contract deliverables. These procedures have been customized to specifically meet the objectives of our clients and include assessment procedures to ensure uniformity and consistency in meeting and exceeding overall CEI contract quality requirements. Also, through the use of the latest technologies available and the efforts of our dedicated staff, RJB believes in providing a superior service to Broward County. Mr. David Romano, PE will perform the Quality Assurance (QA) reviews and monitor the performance of the assigned project staffing on a quarterly basis. The primary objective outlined in our QA Plan is to ensure an exceptional staff capable of performing at their highest level, verifying the quality of the Contractor's deliverables to be incorporated into the project, and capable of monitoring all related activities to ensure compliance and conformance with the contract documents. There will be two types of QA Reviews conducted by the RJB Team. The first type is a **Project Level Internal Audit Review** performed by the assigned CEI project staff on a regular basis to evaluate the adequacy of staff, equipment and resources, procedures, and documentation. The project level QA will be focused on critical requirements; these are to be used as indicators of the overall quality of the CEI and Management effort. The findings will be summarized and maintained in the Project-level QA file at the CEI field office. The second type of QA review will be the Corporate-Level Audit Review performed by the QA **Manager**. Corporate-level project reviews and administrative audits will cover those areas identified in the Scope of Services. The Corporate-level review will also consist of an assessment category on critical requirements and will follow the same procedure as used for the Project-level review. At this level, corrective actions and/or recommendations for improvements will be reported and the findings will be summarized and submitted within 7 days of performing the audit to the County's Project Manager.

1/2017

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road Evaluation Matrix

4. Quality Control:

Describe the firm's techniques to CEI quality control. At a minimum describe the firm's technique to control contract documentation, including record keeping, material testing for comparison/acceptance, verification inspection/testing of the work, communication process, and assurance of accurate final as-built drawings.

Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
	Broward County's goals are met. We have refined the same successful and proven throughout our long history of CEI Project Management to address every aspect of work to exceed the requirements of our Scope of Services and our closeout process. Our QA/QC Team includes two highly experienced industry professionals: Francis Chin Sr. P.E., and Osvaldo, "Ossie" Larrazabal, P.E. who will provide Local QA/QC oversight for this project. They are tasked with the initial and biannual reviews of the Team to evaluate resources, equipment, certifications, documentation, and processes and recommend improvements. After each review, a detailed report will be sent to James Jeffers, SPE and Michael Hammond, P.E., and will include compliance with specific quality assurance provisions of the contract. The results of these reports will be utilized to develop management action plans to improve on-the job performance. Guidelines will be followed as set forth in CPAM. In addition, our QA/QC staff will performance reviews at 30%, 60% and 90% of the project ensuring pay items are paid correctly, materials are being tested with the correct frequencies and the Contract is in compliance.	reviewed by all inspection personnel prior to the start of the job. MEI will maintain a spreadsheet of all materials entering into the work and will track the materials by date received, quantity, type, and basis of acceptance. MEI will maintain and analyze records of all sampling and testing completed. Our quality control of this activity will include, but is not limited to: Comparing field notes against the material acceptance logs Comparing basis of acceptance against contract standards Documentation review to ensure that the field reports for testing results are being submitted within one week (as required by the contract) Communications MEI will develop a communication plan that will facilitate the handling of information in the most effective and easiest manner possible (e-mail or phone), but will also include instructions for hardcopy correspondence. It will dictate who to be is included on what communication and how certain correspondence is handled within MEI, between MEI and Broward County, and between MEI and the Contractor. A draft of the Communication Plan will be distributed and discussed at the Pre- Construction Meeting. Our quality control of this activity will include, but is not limited to: Reviewing e-mail and hardcopy correspondence for inconsistencies Interviewing Mr. Hammond regarding the effectiveness of our Communication Plan As-Builts MEI's Senior Inspector will keep an up-to-date as-built record of all construction activities by annotating and dating the completion of activities on a field set of plans. Changes to the design set will be clearly annotated in red. Changes addressed and/or approved through a change order or RFI will be clearly noted as such. MEI will use this working field set to produce a clean and accurate as-built record drawing. Our quality control of this activity will include: Regularly reviewing the field set of plans to ensure changes are recorded as they occur.	RJB will adhere to our in-house Quality Assurance Program, establish and maintain all lines of communication between al interested parties, keep the public informed of all construction related information, monitor and closely track the construction schedule, maintain strict coordination with our internal staff as well as with Broward County, and ultimately ensure that the contractor builds the Wiles Road from Riverside Drive to Rock Island Road per the required plans and specifications, building codes - and all within the construction budget and time. Our CEI Team will review the contractors Quality Control Plan for verification that it meets the overall intent of the contract documents, perform in-house and laboratory verification testing of materials as required, verify that all materials installed at the site meet or exceed the specifications, monitor the delivery and placement of steel, limerock, asphalt, concrete and all associated materials for adherence to the specifications, perform any and all inspections as required/requested by the engineer for conformance. The Team selected for this contract possesses the experience required to bring this project to a successful completion. Our QC/QA Team will use established Guide Lists to evaluate the performance of the inspection staff which will cover all the major aspects of roadway and bridge construction, including materials and testing requirements. Additionally, as part of our QA program, we will develop a Final Estimates Guide specifically for this project to review the CSS and documentation in preparation for submittal of the Fina Project Closeout Package. After the initial 30% quality assurance evaluation, the staff will be re-evaluated again approximately the 60%, 90%, and 100% time interval. Our report will be submitted to the County's Project Manager in written form no later than 1 week after the review has been performed. The intent of our QA Program and evaluation is to give the County sufficient confidence that the RJ Behar Team is following thei

Construction Engineering and Inspection (CEI) Services for Wiles Road From Riverside Drive to Rock Island Road Evaluation Matrix

5. Workload of the Firm:

For the prime Proposer only, list all completed and active CEI projects that Proposer has managed within the past five years. In addition, list all projected projects that Proposer will be working on in the near future. Projected projects will be defined as a project(s) that Proposer is awarded a contract but the Notice to Proceed has not been issued. Identify any projects that Proposer worked on concurrently. Describe Proposer's approach in managing these projects. Were there or will there be any challenges for any of the listed projects? If so, describe how Proposer dealt or will deal with the projects' challenges.

Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
Workload of the Firm WORK LOAD OF FIRM Project: SR-7 from Fillmore to Stirling Road Status: Active Client: FDOT Project:-75 Express Lanes Status: Active Client: FDOT Project: Widen HEFT from SW 288th St to SW 216th St Status: Active Client: Turnpike Project: Pembroke Road Improvements project Status: Completed Client: Broward County Project: Eller Drive Status: Completed Client: FDOT Project: US-27 ITS Project Status: Completed Client: FDOT Bear Cut Bridge Status: Completed Client: Miami Dade County Project: Education Corridor Status: Completed Client: City of Coconut Creek Project: 57th Avenue Reconstruction Status: Completed Client: FDOT Project: Wabasso Road Widening and RRR Status: Completed Client: FDOT Project: NW 135th Street from 37th avenue to 47th avenue Status: Completed Client: FDOT Project: US-1 Young Circle to Sheridan Street RRR Hollywood Status: Completed Client: FDOT	Workload of the Firm with challenges and approach in managing them: Detailed list of Past, Current and future projects attached. Our Firm believes in Partnering with the Contactor to ensure a successful project. On our SR-834 (Sample Road) from NW 54th Ave. to Tradewinds Park Rd. project, the Contractor was struggling to create a recovery plan that was viable with the resources at hand. We had weekly scheduling meetings with the owners of the company voicing our professional opinion and received commitments for more resources. Through the implementation of innovative practices, we were able to make up time and consequently won the 2012 FTBA award for Best Urban Project. Our SR-A1A from the County Line to Seacrest Parkway project contained many unique features in a high visibility corridor with heavy tourist traffic. This contract also featured a JPA with the City of Hallandale Beach which called for a distinct decorative sidewalk pattern to be installed, as well as special street lights requiring a typical within the special caps for the micropile and miniature drilled shaft signal foundations. We showed initiative and worked with the Contractor to address these items early on to minimize the impacts to construction. As a result, this project was awarded the 2016 FTBA award for Best in Construction Partnering Award.	Work Load of the Firm Title: CEI Services for SFRC Railroad over S. Fork New River Bridge Replacement Bridge #869924 County/City/Town: Broward County Project Description: Project scope includes the new construction of a rolling lift bridge over the south fork of the new river, earthwork, new track construction, vertical construction concrete, and lighting improvements. Client: FDOT District 4 Contact: Hewrald Humes, PE Title: Construction Manager Phone/Email: 954-940-7505/Hewrald.Humes@dot.state.fl.us Project Date(s): 2013 – Present Estimated Construction Cost: \$22.0 Million Design Fee: N/A Services Provided: (bullet list okay) Construction Engineering and Inspection Services Title: CEI Services for I-95/SR9 Bridge over South Fork New River in Broward County County/City/Town: Broward County Project Description: Project scope includes Structural Bridge repairs, installation of expansion joints, Installation of catwalk and platforms, and coating of the structural steel of three main line bridges on I-95 from Davie Blvd to SR 84. Client: FDOT District 4 Contact: Hewrald Humes, PE Title: Construction Manager Phone/Email: 954-940-7505 / Hewrald.Humes@dot.state.fl.us Project Date(s): 2013 – Present Estimated Construction Cost: \$18.8 Million Design Fee: N/A Services Provided: (bullet list okay) Construction Engineering and Inspection Services	Work Load of the Firm It is not uncommon to have RJB work on multiple projects concurrently. This is a very common practice. Each project is assigned a core project team, which is made up of the Project Manager/Senior Project Engineer, Project Administrator, Contract Support Specialist, and Field Technician/Inspectors. Similarly, it is not uncommon to have the Project Manager manage multiple projects. For smaller projects with longer durations, the Sr. Project Engineer may be working on multiple projects. However, on larger projects, such as the proposed Wiles Road project, we are proposing the Project Engineer, Contract Support Specialist, and the Field Technician/Inspectors and they will be fully dedicated to the project, because of the complexity of the project and the 650 calendar day duration requirement. RJB's project management approach for managing concurrent projects is best described as being involved, pro-active, and responsive. While we may have multiple concurrent projects going on at the same time as this project, there is no interference from one project to another, as we have several full-staffed CEI Project Teams, each assigned to their projects respectively. With the exception of the Senior Project Engineer, there is no sharing or overlapping of project Manager -Sr. Project Engineer, Mr. David Romano, P.E., will be directly involved in the projects. Our proposed Project Manager -Sr. Project Engineer, Mr. David Romano, P.E., will be directly involved in the project, approximately 15% and will be responsible for overseeing the entire CEI operation, administration, management, and quality control/quality assurance of construction for the Wiles Road Project. Typically, Mr. Romano works on two to three active projects at a time, while having his core team members consisting of the Project Engineer, Contract Support Specialist, and Field Inspectors, handle the project day-to-day operations. Project Team Meetings - RJB holds regularly scheduled Weekly (In-House) Meetings with all of RJB's Project M
Please Refer to Proposal J2112395P1 submittal page 289 for project list.	Please Refer to Proposal J2112395P1 submittal page 406 for project list.	Please Refer to Proposal J2112395P1 submittal page 774 for additional work Load of the Firm	effective and allow RJB to keep up with all aspects of all of the company projects. Our Weekly Meetings Spreadsheet addresses project "action items", project budget status, staffing requirements and the status of the milestone dates. Please Refer to Proposal J2112395P1 submittal page 177 for additional work Load of the Firm

6. Willingness to Meet Time and Budget Requirements:

State the Proposer's willingness to meet the project's completion date requirement and willingness to keep project total costs below the project budget.

Completion Date Requirement: 18 months construction schedule.

Project Budget: \$1,200,000.

YES = 2 Points NO = 0 Points			
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
Willingness to Meet Time and Budget Requirements E&R is committed to meeting both time and budget requirements on Wiles II for Broward County. E&R has a long history in exceeding our clients' expectations while delivering a quality product that is cost effective and on time. Our team manages projects by providing proactive solutions to keep the construction efforts moving forward. Our team's experience on similar projects allows us to establish trust and look at things from a constructability perspective. Our team's pledge is to quality; we will consistently meet Broward County's goals for contract time, budget and timely submittals and commit to the same for this signature project. Our recently completed Pembroke Road project was completed on time and under budget.	completion date requirement and willingness to keep project total costs below the project budget. Completion Date Requirement: 18 months construction schedule. Project Budget: \$1,200,000. YES, our Firm will meet the project's completion date requirement of 18 Months and keep project total costs below the project budget of \$1,200,000.00	Schedule Compliance and Monitoring MEI's staff is intimately familiar with Critical Path Methodology (CPM) and will review and analyze the Contractors schedule before the Project begins and at regular intervals throughout construction. During each schedule review MEI will follow an established procedure outlined in our PMP to compare the Contractors actual progress against their planned schedule. Activities on the critical path that are behind schedule will be brought to the attention of the Contractor for immediate resolution. Should the schedule or contract time be in jeopardy of failing to meet the Project objectives, MEI will take immediate action to assist and require the contractor to bring the Project back on track. Schedule Reviews MEI will review the baseline construction schedule and each subsequent schedule to ensure that it includes all necessary activities, critical submittal dates, progress milestones, long lead items, and a completion date within the allocated construction time of 18 months. We will analyze the schedule for logical relationship between tasks and appropriate task durations. Any questionable issues with the schedule will be documented to the Contractor for review, explanation and/or corrections. After the start of construction, MEI will continuously monitor the schedule by first estimating the progress of each activity currently underway. Activity progress is recorded by our Inspectors on a daily basis and the information is made available to Mr. Rush and Mr. Guzman during schedule reviews. Field activities, some expected and some unexpected, that could possibly impact schedule (weather days, equipment breakdowns, traffic accidents, presence of contaminated materials) will be continuously recorded and reported to Mr. Hammond. See page 786 for additional information	Willingness to Meet Time and Budget Requirements The RJB Team has an excellent record in Construction Administration of Roadway Construction Projects in highly urbanized areas, and will administer the project efficiently and effectively to ensure that the project is completed within the contract time and budget. As soon as the project is assigned by the County, RJB's Project Manager/Senior Project Engineer, Mr. David Romano, will immediately review the designated project budget, paying close attention to the cost breakdown, as identified by assigned personnel, manpower allowance, equipment and direct expenses, overhead, and FCCM. For cost control and budget management, RJB utilizes a job cost accounting program that tracks all project charges as they come. The name of the program is Deltek, customized specifically for Architectural/Engineering firms. This format is then translated into our accounting system and reflected in our progress reports supplied to our clients and summarized in the project tracking spreadsheet, which is then reviewed with the County staff at each monthly progress meeting. RJB will be able to closely track the financial status of the contract at any point in time. Mr. Romano will notify the County that the work is nearing completion and when the task assignment funds or time is expiring.

7. Volume of Previous Work:

Refer to **Volume of Previous Work Attestation Form** and the **Volume of Previous Work Attestation Joint Venture Form** and submit as instructed.

The calculation for Volume of Previous Work is all amounts paid to the prime Proposer by Broward County Board of County Commissioners at the time of the solicitation opening date within a five-year timeframe. The calculation of Volume of Previous Work for a prime Proposer previously awarded a contract as a member of a Joint Venture firm is based on the actual equity ownership of the Joint Venture firm. Three points will be allocated to Proposers paid \$7 - \$3,000,000); 2 Points will be allocated to Proposers and \$7 500,000; 1 Point will be allocated to Proposers will be allocated to Proposers will be allocated to Proposers and \$7 500,000; 1 Point will be allocated to Proposers and \$7 500,000; 2 Point will be allocated to Proposers and \$7 500,000; 2 Point will be allocated to Proposers and \$7 500,000; 2 Point will be allocated to Proposers and \$7 500,000; 2 Point will be allocated

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Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
Volume of Previous Work Eisman & Russo has only had one active project with Broward County in the past 5 years: Pembroke Road (Project No. 5255).	Volume of Previous Work Attestation Form and the Volume of Previous Work Attestation Joint Venture Form are submitted in Bidsync.	Volume of Previous Work Have been Uploaded to BidSync	VOLUME OF PREVIOUS WORK ATTESTATION FORM The completed and signed form should be returned with th Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request Failure to provide timely may affect the Vendor's evaluation This completed form must be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable). The calculation for Volume of Previous Work is all amount paid to the prime Vendor by Broward County Board of Count Commissioners at the time of the solicitation opening dat within a five-year timeframe. The calculation of Volume of Previous Work for a prime Vendor previously awarded contract as a member of a Joint Venture firm is based on the actual equity ownership of the Joint Venture firm. In accordance with Section 21.31.d. of the Broward Count Procurement Code, the Vendor with the lowest dollar volum of work previously paid by the County over a five-year perior from the date of the submittal opening will receive the Ti Breaker. Vendor must list all projects it received payment from Broward County Board of County Commissioners during the past five years. If the Vendor is submitting as a joint venture the information provided should encompass the joint venture and each of the entities forming the joint venture. The Vendo attests to the following: Project: Atlantic Blvd at Rock Island Road. Solicitation#: RLI20031090-0-TE-0 Division: Highway Construction & Engineering. Date awarded: 01/3/2011 Paid to Date: \$257,447.28 Project: Hillsboro Blvd at Military Trail Solicitation#: RLI20031090-0-TE-0 Division: Highway Construction & Engineering. Date awarded: 01/3/2011 Paid to Date: \$257,447.28

VENDOR QUESTIONNAIRE FORM 1. Legal business name:			
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
Eisman & Russo, Inc.	F&J Engineering Group, Inc	Metric Engineering, Inc.	R.J. Behar & Company, Inc

2. Federal Employer I.D. no. (FEIN): 3. Dun and Bradstreet No.:			
Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
Federal Employer I.D. no. (FEIN): 59-2606484	Federal Employer I.D. no. (FEIN): 27-2150496	Federal Employer I.D. no. (FEIN): 59-1685550	Federal Employer I.D. no. (FEIN): 65-0954070
Dun and Bradstreet No.: 18-796-8110	Dun and Bradstreet No.: 031791385	Dun and Bradstreet No.: 083104604	Dun and Bradstreet No.: 11-568-2549

4. Doing Business As/ Fictitious Name (if applicable):			
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
N/A	N/A	N/A	N/A

5. Website address (if applicable):			
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
www.eismanandrusso.com	www.fj-group.com	www.metriceng.com	www.rjbehar.com

6. Principal place of business address:			
Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
6455 Powers Avenue	8761 N Lake Dasha Dr.	13940 SW 136th St.	6861 SW 196th Avenue, Suite 302
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, Florida 33332

7. Office location responsible for this project::			
Eisman & Russo, Inc.	Atkins North America, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
6455 Powers Avenue	4030 W. Boy Scout Boulevard	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
Jacksonville, FL 32217	Tampa, FL 33607	Miami, FL 33186	Pembroke Pines, FL 33332
6067 Hollywood Blvd. #200	8761 N Lake Dasha Dr.	3601 West Commercial Blvd.	6861 SW 196th Avenue, Suite 302
Hollywood, FL 33024	Plantation, FL 33324	Fort Lauderdale, FL 33309	Pembroke Pines, Florida 33332

8. Telephone no.:			
Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
Telephone no.: 904-733-1478	Telephone no.: 786-385-2372	Telephone no.: 305-216-594	Telephone no.: 954-680-7771
Fax no.: 904-636-8828	Fax no.: 786-866-9382	Fax no.: 305-235-5271	Fax no.: 954-680-7781

9.TYPE OF BUSINESS (check appropriate box):				
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332	
✓ Corporation (Specify the State of Incorporation): Florida	✓ Corporation (Specify the State of Incorporation): Florida	✓ Corporation (Specify the State of Incorporation): Florida	✓ Corporation (Specify the State of Incorporation): Florida	
\square Sole Proprietor Limited Liability Corporation	\square Sole Proprietor Limited Liability Corporation	☐ Sole Proprietor Limited Liability Corporation	\square Sole Proprietor Limited Liability Corporation	
☐ (LLC)		☐ (LLC)	□ (LLC)	
☐ Limited Partnership	\square Limited Partnership	☐ Limited Partnership	☐ Limited Partnership	
☐ General Partnership (State and County filed in)	\square General Partnership (State and County filed in)	☐ General Partnership (State and County filed in)	\square General Partnership (State and County filed in)	
☐ Other- Specify	☐ Other- Specify	☐ Other- Specify	☐ Other- Specify	

10. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name):			
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
H85663	P10000024624	509621	P9900088184

11. List name and title of each principal, owner, officer, and major shareholder:				
Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.	
6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302	
Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332	
a) Antonio J. Mahfoud, PE, President / CEO	a) Francis R. Chin Jr. / President	a) Victor M. Benitez, CEO b) Manuel A. Benitez, President c) Mariley Perez, COO & Secretary d) Felix Rodriguez, Vice-President	a)Robert J. Behar, PE - President/CEO	
b) Michael Greene, Vice President / CFO, Secretary, Treasurer	b) Lachmee Chin / Secretary		b) Juan H. Vazquez, PE, PH, BCEE - Vice-President	

12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:				
Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332	
Name: Michael Greene Title: Vice President / CFO Telephone Number: 904-733-1478 Fax Number: E-mail: mgreene@eismanrusso.com Name: Scott Gomba Title: VP / Senior Project Engineer Telephone Number: 954-931-6799 Fax Number: E-mail: sgombar@eismanrusso.com	Name: Francis R Chin Jr Title: President Telephone Number: 786-385-2372 Fax Number: 786-866-9382 E-mail: fchin@fj-group.com Name: Francis R. Chin Sr., P.E. Title: Sr. Project Engineer Telephone Number: 954-868-7090 Fax Number: 786-866-9382 E-mail: fchinsr@fj-group.com	Name: Felix Rodriguez Title: Vice-President, South Florida CEI Telephone Number: 305-216-5944 Fax Number: 305-235-5271 E-mail: frodriguez@metriceng.com	Name: Robert J. Behar, PE Title: President/CEO Telephone Number: 954-680-7771 Fax Number: 954-680-7781 E-mail: bbehar@rjbehar.com Name: Juan H. Vazquez, PE, PH, BCEE Title: Vice-President Telephone Number: 954-680-7771 Fax Number: 954-680-7781 E-mail: jvazquez@rjbehar.com	

13. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response.				
Eisman & Russo, Inc. F&J Engineering Group, Inc. FAJ Engineering Group,				
□ YES ✓ NO	□ YES ✓ NO	□ YES ✓ NO	□ YES ✓ NO	

14. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response.				
	Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
	6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
	Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
□ YES ✓ NO		✓ YES □ NO	☐ YES ✓ NO	□ YES ✓ NO
15. Have any vol	untary or involuntary bankruptcy petiti	ons been filed by or against your firm, its parent or subsidiaries or	r predecessor organizations during the last three years? If yes, specif	y details in an attached written response.
	Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
	6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
	Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
□ YES		□ YES	□ YES	□ YES
✓ NO		✓ NO	✓ NO	✓ NO
16. Has your firm	n, its principals, officers or predecessor	organization(s) been debarred or suspended by any government e	ntity within the last three years? If yes, specify details in an attached	l written response.
, ,			, , , , ,	,
	Eisman & Russo, Inc.	F&J Engineering Group, Inc.	Metric Engineering, Inc.	R. J. Behar & Company, Inc.
	6455 Powers Avenue	8761 North Lake Dasha Drive	13940 SW 136 th Street	6861 SW 196 Avenue, Suite 302
	Jacksonville, FL 32217	Plantation, FL 33324	Miami, FL 33186	Pembroke Pines, FL 33332
□ YES		□ YES	□ YES	□ YES
✓ NO		✓ NO	✓ NO	✓ NO

• •	's surety ever intervened to assist in the comp , including contact information for owner and		d claims been made to your firm or its predecessor's sureties durin	ng the last three years? If yes, specify details in an attached
	Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
□ YES ✓ NO		□ YES ✓ NO	□ YES ✓ NO	□ YES ✓ NO
18. Has your firm	ever failed to complete any work awarded to	you, services and/or delivery of products during the last three	(3) years? If yes, specify details in an attached written response.	
	Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
☐ YES ✓ NO		□ YES ✓ NO	□ YES ✓ NO	□ YES ✓ NO
19. Has your firm	ever been terminated from a contract within	the last three years? If yes, specify details in an attached writt	ren response.	
	Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
□ YES ✓ NO		□ YES ✓ NO	☐ YES ✓ NO	□ YES ✓ NO
			·	

20. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract. Living Wage had an effect on the pricing. If yes, Living Wage increased the pricing by % or decreased the pricing by %.				
	Eisman & Russo, Inc. 6455 Powers Avenue Jacksonville, FL 32217	F&J Engineering Group, Inc. 8761 North Lake Dasha Drive Plantation, FL 33324	Metric Engineering, Inc. 13940 SW 136 th Street Miami, FL 33186	R. J. Behar & Company, Inc. 6861 SW 196 Avenue, Suite 302 Pembroke Pines, FL 33332
☐ YES ☐ NO ✓ N/A		 YES NO √ N/A	□ YES □ NO ✓ N/A	□ YES ✓ NO ✓ N/A