

CR 452 Safety Improvements Project

Lake County RFQ for Construction, Engineering & Inspection Services



May 28, 2021





2250 Lucien Way, Suite 120
Maitland, Florida 32751
(561) 429-5065

May 28, 2021

Lake County Procurement Services
Attn: William Ponko
315 West Main Street
P.O. Box 7800
Tavares, FL 32778

Re: RFQ for CEI on CR 452 Safety Improvements Project (21-0920)

Dear Mr. Ponko:

Scalar Consulting Group Inc. (SCALAR), a certified Disadvantaged Business Enterprise (DBE), is pleased to submit our proposal for the CR 452 Safety Improvements Project in Lake County. SCALAR employs more than 65 staff members and has a proven track record of providing Professional Engineering services since 2011. Over the last 10 years SCALAR has had the pleasure to serve repeatable clients such as the Florida Department of Transportation and many city and county municipalities located throughout the State of Florida. SCALAR is FDOT prequalified in major work groups 10.1 and 10.3.

SCALAR has assembled a strong team of partners – Ardaman & Associates, Inc. and McKim & Creed – who have worked together on numerous projects similar to CR 452. The scope of work for this project includes Construction, Engineering and Inspection (CEI) services and materials testing for the construction of the CR 452 safety improvement project. Scalar will provide construction management and quality inspections, review and approve change orders, review and approve “As-Builts” drawings, and review and approve payments to the awarded contractor. Additionally, we will ensure the contractor and subcontractors are in compliance with FDOT/FHWA regulations and adherence to contract documents to ensure this LAP project is fully reimbursed.

The SCALAR Team will foster a “partnering” relationship among the Lake County team, contractor, residents, local businesses and schools, and other interested stakeholders. We will operate as an extension of your staff to ensure that the County receives the desired project envisioned at conception. We will focus on exceptional customer service, proactive project management, timely project delivery, and accurate project documentation.

We look forward to the opportunity to work with you on this important project that continues to implement your Lake County vision.

Sincerely,

A handwritten signature in blue ink that reads "Aniruddha Gotmare".

Aniruddha Gotmare, PE
CEO & President
Scalar Consulting Group Inc.

TAB A

Signature Page, Addenda, Project Approach & Completion Schedule






**REQUEST FOR STATEMENT OF QUALIFICATIONS (RSQ)
FOR CONSTRUCTION, ENGINEERING AND INSPECTION (CEI)
SERVICES FOR THE CR 452 SAFETY IMPROVEMENTS PROJECT**

RSQ Number	21-0920	Senior Contracting Officer	William Ponko
Proposal Due Date	May 28, 2021	Pre-Proposal Conference	Not Applicable
Proposal Time	3:00 p.m.	RSQ Issue Date	April 30, 2021
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At the date and time specified above, all proposals that have been received in a timely manner will be opened, recorded and accepted for consideration. The proposals will be available for inspection during normal business hours in the Office of Procurement Services thirty (30) calendar days after the due date.

The respondent hereby agrees to furnish the services pursuant to all requirements, specifications, and scope of services contained in this solicitation document, and further agrees that the language of this document will govern in the event of a conflict with his or her response. By my signature I certify that this response is made without prior understanding, agreement, or connection with any corporation, consultant, business entity, or person submitting a response for the services, and is in all respects fair and without collusion or fraud.

THIS FORM MUST BE SIGNED TO BE CONSIDERED FOR AWARD

COMPANY NAME: Scalar Consulting Group Inc.		DATE: May 28, 2021
MAILING ADDRESS: 2250 Lucien Way, Suite 120		PHONE: (561) 429-5065 FAX:
CITY: Maitland	STATE: Florida	ZIP: 32751
SSN OR FEDERAL TAX NO: 45-1909667	TITLE OF AUTHORIZED REPRESENTATIVE: CEO & President	
E-MAIL: agotmare@scalarinc.net	WEB URL: www.scalargroupinc.com	
AUTHORIZED SIGNATURE: 	PRINTED NAME: Aniruddha Gotmare, PE	

ATTACHMENT 5

ACKNOWLEDGEMENT OF ADDENDA

RSQ 21-0920

**CONSTRUCTION, ENGINEERING AND INSPECTION (CEI) SERVICES
FOR THE CR 452 SAFETY IMPROVEMENTS PROJECT**

INSTRUCTIONS: Complete Part I or Part II, whichever applies and company name and date.

Part I:

The bidder must list below the dates of issue for each addendum received in connection with this RSQ:

Addendum #1, Dated: 5/7/2021
Addendum #2, Dated: 5/19/2021
Addendum #3, Dated: N/A
Addendum #4, Dated: N/A

Part II:

No Addendum was received in connection with this RSQ.

COMPANY NAME: Scalar Consulting Group Inc.

DATE: 5/28/2021

Note: Vendors are advised to visit our website at <http://www.lakecountyfl.gov> and register as a potential vendor. Vendors that have registered on-line receive an e-mail notice when the County issues a solicitation matching the commodity codes selected by a vendor during the registration process.



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Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

05/07/2021

SOLICITATION: 21-0920

Title: Construction, Engineering and Inspection (CEI) Services for the CR 452 Safety Improvements Project

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. To confirm acknowledgement, the vendor must include an electronically completed copy of this addendum with its submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

A. THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

B. ADDITIONAL INFORMATION

Vendors are advised that Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2.222 Reciprocal Vendor Preference is not applicable to this Solicitation.

C. QUESTIONS/RESPONSES

Question 1. The Procurement website that the submittal will be electronic via the Solicitation Management Portal and several references in the RSQ itself that an original, a CD, 5 copies in a sealed package should be delivered to the County. Please confirm the way the submittal should be made.

Response 1. The County will accept submittals via the Solicitation Management Portal or in a sealed package as described in the RSQ's Section 3.0 Preparation and Submittal of Response.

Q2. The following link located in the RSQ Package on page #41 is inoperable:

ftp://ftp.co.lake.fl.us/Public_Works/Engineering/CR%20452%20from%20CR%2044%20to%20County%20line/%20Plans/

R2. The link located on page #41 of the RSQ Package is amended to:

ftp://ftp.co.lake.fl.us/Public_Works/Engineering/CR%20452%20from%20CR%2044%20to%20County%20line/Final%20Plans/

ACKNOWLEDGEMENT

Firm Name: Scalar Consulting Group Inc.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an

ADDENDUM NO. 1

authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Aniruddha Gotmare*



Date: 5/10/2021

Print Name: Aniruddha Gotmare

Title: CEO & President

Primary E-mail Address: agotmare@scalarinc.net

Secondary E-mail Address: cnelson@scalarinc.net



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Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: Construction, Engineering and Inspection (CEI) Services for the CR 452 Safety Improvements Project 05/19/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Question 1. Page. 9 of the RFQ describes the CCEI being familiar with the recommendations of the PD&E Study. The PD&E study was not provided with the documents. Can this document be provided?

Response 1. A PD&E study is not associated with this project.

Q2. Who will be the Project Manager for the County during the construction phase of the project

R2. Mike Olka

ACKNOWLEDGEMENT

Firm Name: Scalar Consulting Group Inc.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Aniruddha Gotmare*

Date: 5/19/2021

Print Name: Aniruddha Gotmare, PE

Title: CEO & President

Primary E-mail Address: agotmare@scalarinc.net

Secondary E-mail Address: cnelson@scalarinc.net

Scalar Consulting Group Inc. (SCALAR) is pleased to submit our response to Lake County's RSQ 21-0920 to provide Construction Engineering & Inspection (CEI) Services for CR 452 construction.

SCALAR is a certified Disadvantaged Business Enterprise. SCALAR is pre-qualified by FDOT for 10.1 and 10.3 working groups.

Understanding of Project Scope

SCALAR understands that the 8' shoulder widening (5' paved & 3' unpaved) is at 24 intermittent locations on both the Left and Right roadway and interspersed with work at 57 driveways (35 asphalt & 22 concrete). Roadway widening includes milling & resurfacing for a left turn lane at Goose Prairie Road and realignment of the T intersection with Felkins Road. The improvements to CR 452 intersection with CR 44 includes drainage, curb, strain poles, power service, vehicle detection, traffic controller, internally illuminated signs, lighting, traffic signals and Duke Energy and CenturyLink Utility relocations. Almost 18 miles of profiled thermoplastic white edge line for additional safety will be installed upon completion of the asphalt paving. All new paved shoulders will receive the Safety Edge treatment by attaching a device to the screed of the paver to confine and extrude the asphalt material at the end gate to create a compacted wedge shape pavement edge 6" wide for the 3 1/2" total asphalt depth. This Safety Edge allows errant vehicles to gradually get back onto the roadway pavement without over-correction.

Project Key Milestones & Timing

SCALAR is 100 % available for this project and hereby confirms that we are available to meet this proposed completion schedule from our CEI staff in Maitland, Florida. Additional CEI staff not proposed on this project are also available in Maitland or from our Corporate Offices in West Palm Beach, Florida.

Key Project Milestones – The project documents do not include specific milestones; however, SCALAR recognizes that setting key milestones will assist in completing the project on time. Therefore, we have set three milestones for this project which follow the Temporary Traffic Control Plan.

- **Milestone 1** is to complete all the work on the northbound shoulder and have the temporary signal operational within 103 days.
- **Milestone 2** is to complete all the work on the southbound shoulder, Felkins Road intersection improvements, and have the permanent signals operational by contract day 206.
- **Milestone 3** is to complete all the work for the left turn lane at Goose Prairie Road and all signing and pavement markings completed by contract day 310.

Approach to Project

Details of how SCALAR approaches the individual work items including the temporary signals will be provided in the headings below.

SCALAR's managerial approach to the project is to listen to the contractor and then coach and teach where necessary to reach the project goals. If all project decisions are based on what is good for the project, then an outstanding outcome is assured. When a project is on schedule and being pursued under safe conditions with a quality product, the day-to-day decisions and communication become routine. SCALAR can foster that atmosphere by constantly reviewing the contractor's schedule and "look ahead" of planned activities to identify and resolve issues before they become "real time" field problems. It has been our experience that contractors appreciate an engineer that helps them solve problems proactively. The contractor must fully understand his contract and associated contractual requirements; our goal as your Construction Management professional is to ensure that he abides by these requirements, which we achieve through pre-activity meetings and a "partnering" approach that mitigate any project delays or costs.

SCALAR's management will define the project expectations by drawing from our experience, and from concerns of our clients, constituents, and stakeholders and manage these issues throughout the project duration. We have found that the local staff, business owners, residents, and elected officials each offer unique perspectives to each project. SCALAR will capture these vantage points through early and upfront communication to understand the needs of the client, project stakeholders, and surrounding community. Communicating these findings with the contractor before ground breaks is essential to discovering how SCALAR can assist the contractor to address these concerns. For example, there are 58 aerial crossing of CR 452 within the

9-mile project limits, and we anticipate dump trucks traveling forward with their beds up to dump their load will eventually conflict with an aerial crossing. Should that responsibility be solely with the operator or would the project be better served if a spotter were present to take the delivery tickets and share the responsibility of aerial crossing notification.

SCALAR is extremely familiar with FDOT standards and specifications, as our senior staff combined have 70 years of FDOT experience. We have thoroughly reviewed the CEI scope of services, contract plans and documents, visited the project site, and are prepared to exceed Lake County's construction management expectations. SCALAR is local to Central Florida with the proposed Project Engineer residing in Lake County and we are 100% available.

Following is SCALAR's approach to the unique issues of this project developed during our review of the project's Roadway Plans and Signing & Pavement Marking Plans designed by Burgess & Niple and the projects Signalization Plans designed by Traffic Engineering Data Solutions, all dated May 4, 2021.

Safety – SCALAR's number 1 goal is safety. Our staff is familiar with high-speed roadways; CR 452 is posted at 55 MPH resulting in a 24' clear zone in the work zone, and we are committed to working with the contractor to maintain a safe project corridor during construction. We will also keep the public apprised of all construction activities to help ensure access and an acceptable level of service is provided to the traveling public, residents, area schools, and businesses adjacent to the project. During our site review, as we traveled at the speed limit, many vehicles traveling faster than our speed caught up to our vehicle and became stacked behind our vehicle. This is an indication that many vehicles travel this road at speeds exceeding the speed limit. To address this, we will take full advantage of the variable message boards to include a different message each week to keep the drivers' attention on the changing work zone locations. Also, speed enforcement may be requested during off peak hours if the speeding issue persists to the point of detriment to the contractor's safety. Scalar will prioritize resolving safety issues in a timely manner.

Team Communication – SCALAR places the importance of effective communication second only to safety. From initiation to completion, SCALAR will establish and maintain clear lines of communication among Lake County, the Contractor, and project stakeholders. All field personnel will be equipped with smart phones and laptops to enable real-time information transfer, allowing them adequate and efficient reporting capabilities. *Microsoft Teams* will be available on all devices to allow visual communication in the

field. Lake County will be kept informed of all critical issues and any issue that may impact public safety, project budget, or project duration.

Public Notification – The contractor will be responsible for keeping the public (residents, motorist, business, and pedestrians) informed of construction activities, a minimum of 2 weeks, in advance of the start of construction. SCALAR will coordinate these notifications with the contractor and participate in the direct distribution of information including contractor and CEI contact information, the construction schedule, TTCP Plans, and specific impacts (both temporary and permanent) to adjacent residents and businesses. Our team will track and log the date, time, names, and addresses of each notification distribution and provide the Lake County Project Manager, Mike Olka, a copy. Informing motorist and pedestrians of construction activities will be provided through portable changeable message signs (PCMS) a minimum of two weeks prior to construction and lane closures.

Construction Contract Administration Approach – We utilize Partnering, Preconstruction, Pre-activity, and Progress Meetings to establish an effective "roadmap" for administering the overall construction of the project. We will host a Preconstruction Meeting with all project stakeholders to review contract documents including, permits, utility adjustment schedules, geotechnical reports, project commitments, and plan directives. We will monitor FDOT DCE Memos and FDOT Construction Bulletins for changes that may affect the project from an FDOT Specification standpoint. We will also utilize project-specific Resolution Tracking Spreadsheets (RTS) to document project issues, action items, and responsible parties. RFIs, RFCs, and RFMs will be answered within the same day to prevent construction delays, unless coordination with the EOR is required. All drainage and signal shop drawings will be reviewed by our Senior Project Engineer (SPE) and our Project Engineer (PE) for conformance with contracts documents prior to approval. SCALAR will maintain accurate Daily Work Reports (DWR) of contractor operations and materials installed. The DWRs will be used to review the contractor's monthly invoices to verify that they coincide with actual contract work completed. We will also review the contractor's cost-loaded CPM schedule monthly for overall schedule logic and percent of construction completion to ensure that the project remains on schedule. This comprehensive approach will allow us to identify potential issues before they become real-time problems.

Utility Adjustments – There are 34 sheets of Utility Adjustment Plans (UAP) in the contract, but all utility lines

identified on the plan sheets are to remain except Duke Energy Distribution and CenturyLink Telephone lines at the CR 44 intersection shown on Sheet Number 170. The Duke Energy Distribution overhead line on the east side of the intersection spanning CR44 will be removed, along with the guy wire anchors on the adjacent 55' wood pole. Duke Energy has proposed to bury the Distribution Line (1000 KCM, 3 phase cables) in a 6" conduit installed by bore at least 60" deep terminating at new 50' wood poles at either end. At the northeast quadrant, Duke Energy has also proposed to bury a 1/0 Al. cable in 4" conduit by bore at least 36" deep. CenturyLink Telephone will remove their 100 pair buried telephone line in conflict with strain pole #1 and replace it with another 100 pair telephone line buried approximately 20' south of the existing line. SCALAR will confirm with the contractor that all utilities noted in the plans have "Utility Locates" called-in and cleared prior to any excavation. Unforeseen conflicts, if encountered, will be addressed immediately with the EOR to avoid adverse schedule impacts, and will be reported to the Lake County Construction Manager.

Maintaining Driveway Access and Mailboxes – The scope of construction includes the entrances into 57 driveways (22 concrete driveway aprons and 35 asphalt driveways). The contractor will be required to always maintain access to each property in addition to United States Postal Service mailboxes. SCALAR will coordinate the specific construction sequence with the contractor and each of the affected residents/businesses directly to ensure vehicular traffic access is maintained along with access to the mailboxes. The use of temporary mailboxes and/or relocation of existing is not anticipated as all mailboxes are located at the R/W line. It is anticipated that some temporary access connections may be required as part of final turnout construction operations.

Contractor Staging – Locations for contractor staging are limited along the project corridor. It is anticipated that staging may occur in one or two areas of clearing & grubbing as selected by the contractor, resulting in these areas functioning as staging areas until close to project completion. Scalar will review the project corridor with the contractor and discuss staging intentions during the Preconstruction Meeting. We understand that prior to utilizing areas for staging, proposed areas must be coordinated with Lake County and need to be verified that they are within the R/W, outside the clear zone, and considered in the Stormwater Pollution Prevention Plan (SWPPP).

School Bus Routes – Taking into effect the school boundary changes for 2021-2022, the area schools include Eustis Elementary School, Treadway Elementary School and Tavares High School, all located south of the project limits. SCALAR will contact the Lake County Schools to notify them of which driveway connections along CR 452 will be re-constructed during this project. SCALAR will ensure the Contractor coordinates with Lake County Schools to ensure school buses and students are aware of the affect that construction will have on each school bus stop so that students continue to be able to safely access the school bus stop and are able to be picked up and dropped off safely during construction activities.

Settlement Monitoring (*Vibration from Shoulder Compaction*) – We suggest that Lake County consider adding a settlement monitoring component to this contract. SCALAR has identified the homes from Stations 39+00 to 43+00 Right, 73+60 Left, 127+00 to 129+00 Right and 285+50 to 295+00 Right to be within 75' of the shoulder widening. As part of our preconstruction CEI activities, we can provide an assessment of adjacent existing structures, within 75' of roadway/embankment compaction efforts, to document their existing conditions prior to construction. For those properties which we are allowed access by the property owner, our team can perform a visual condition survey of buildings adjacent to the roadway as a basis for establishing preconstruction building assessments for defense and/or verification of construction damage claims on behalf of property owners. We would document these surveys with a photo log noting any preconstruction cracks or signs of any existing foundation settlement. At the conclusion of construction, we would conduct a post-construction survey, of those same structures, documenting pre vs. post construction conditions. This document would be maintained in the Lake County project files in the event of a foundation-based claim on behalf of a property owner.

Environmental – SCALAR is aware of the possible petroleum contamination site identified on plan sheet 205 at the 7-Eleven Food Store at the intersection of CR 452 & CR 44 and will enforce the excavation and dewatering notes related to this FDEP Contamination site.

SCALAR has reviewed the project thoroughly and are very well versed in the environmental requirements and details outlined in the SWPPP included in the contract documents. We have the necessary certifications (Stormwater Management Inspector Certification) and will continually monitor and enforce the requirements of the NPDES permit. SCALAR will coordinate with the contractor to ensure compliance with all permit conditions of the St. Johns River

Water Management District (SJRWMD) throughout the construction process. Our review of the contractor's Sediment and Erosion Control Plan will verify that all required erosion and sediment controls are properly installed in their correct locations (including preventative measures for stabilization of proposed embankment), that structural practices to control sediment are properly installed, and that measures to prevent solids/construction materials from entering into the adjacent waters are included; and sufficient to control and contain construction activities within the project limits. Additionally, due to the high-water table and proximity to Lake Yale, SCALAR will require the contractor to submit a Hazardous Spill Control Plan to be included in the SWPPP. This plan will include actions to prevent and address involuntary discharge of hazardous material, such as fuel and hydraulic fluid.

Maintenance of Traffic – SCALAR is thoroughly familiar with FDOT Standard Plans Index number 102-600 series requirements. Our proposed team members are MOT certified and will work with the County's staff to ensure that the project will not begin without a contractor accepted TTCP plan, either accepting the plans provided on Sheet 169 or producing an alternate signed and sealed set, along with a Maintenance of Business/Resident Access Plan. Safety for workers, pedestrians, and drivers is of paramount importance throughout the project, and strict adherence to maintaining MOT procedures and plans will be always enforced. The project contractor will utilize the plan-incorporated components of the FDOT Index 102-600 for General Information, 102-601 for work beyond the shoulder, 102-602 for work on shoulder, 102-603 for work within the travel way, 102-604 for Intersection work for their MOT setups (the reference to 102-605 on sheet 169 in the Roadway Plans is no longer valid as 102-605 has been merged with 102-604 for the 2021-2022 Standard Plans). SCALAR will enforce the required seven-day notice to the County Engineer requirement before initiating any lane closures. SCALAR will ensure the contractor coordinates construction activities, particularly MOT, between the prime contractor and his subcontractors and their respective crews. Additionally, SCALAR will monitor the MOT and lane closures closely for potential delays and back-ups as not to affect the traveling public, particularly the Lake County school buses utilizing CR 452. We will require the contractor to identify a Worksite Traffic Supervisor (WTS) to address any issues regarding Maintenance of Traffic or Pedestrian/Resident/ Business issues; The WTS must have the authority and ability to make decisions immediately to address impacts as they occur onsite.

Earthwork & Excavation – Earthwork activities include clearing & grubbing, excavation, embankment, stabilization and optional base. Our field inspection staff members are all very familiar with embankment installation, maximum lift thicknesses, proper compaction, acceptable material, acceptable material properties, proctors, densities, and maintaining accurate logbooks. The contractor will be required to ensure environmental controls such as silt fence and turbidity barrier are installed correctly and perform effectively to prevent material from entering Lake Yale and adjacent properties. SCALAR is very proactive on these measures, ensuring the Contractor performs reviews of all installed control devices weekly and after every rain event exceeding ½ inch. SCALAR's inspectors will also review installed control devices regularly, reporting any damaged areas or sections with built-up materials, to our Project Engineer, Christopher NeSmith, who will strictly enforce the contractor to complete repairs/clean-up within 24 hours. Stabilized construction access will be essential to minimize the tracking of soils and sediment from vehicles leaving the construction site. Typical practices include installation of soil tracking prevention devices at the site's exit/entrance to protect CR 452. Additionally, dust control will become a daily activity requiring watering of the work zone site to prevent dust from becoming an issue with adjacent residents and vehicular traffic traversing the project limits.

Drainage Improvements at the Interchange with CR 44 – SCALAR will conduct a Drainage Pre-Activity Meeting prior to the commencement of the drainage inlets and pipe connections. We will also ensure that the contractor accurately surveys the installation of all pipes, structures, inverts, and top elevations so that accurate "As-Built" Plans may be developed. We further understand that all pipes shall be Class III RCP unless otherwise noted in the plans, and that all inlets and manholes have traffic bearing frames and covers/grates meeting HS-20 loading requirements. SCALAR will coordinate shop drawing review of the proposed drainage structures between the EOR and contractor and ensure that proposed structures are suitable for the intended design.

Pavement – This project has just two typical sections, one for the 23 locations of shoulder widening and one for the roadway and shoulder widening to add the left turn lane at Goose Prairie Road. SCALAR will request formal submittal of the proposed bituminous mix designs (structural and friction courses) during the initial discussions as part of the Preconstruction Meeting. Subsequently, we will schedule a Pre-Paving Meeting to ensure that the prime contractor or asphalt subcontractor understand the required testing and reporting requirements, maintaining the 6% shoulder cross

slope and addressing on a daily basis any shoulder drop off conditions after paving that exceed 3". SCALAR's PA, Christopher NeSmith is extremely familiar with FDOT standards and specifications for asphalt, having worked at the Florida Turnpike for 16 years and is prepared to exceed the County's construction management expectations with respect to assisting the paving contractor with quality and efficiency. SCALAR also noticed some pavement failure at the south end of the project. Attached is a picture of the southbound roadway at station 49+20 that the County may consider including in this projects milling & resurfacing.



Signalized Intersection – Both Duke Energy and CenturyLink Telephone have existing facilities that span the CR 452/CR 44 intersection that will be buried as part of this project. After utilities are buried, improvements to the signalization at the CR 452 / CR 44 intersection will proceed with the Phase I and the temporary implementation of a triangle signal configuration. During Phase II, after the conflict with the fourth new strain pole is resolved, the final concrete strain pole will be installed, allowing the final configuration of the signalization to be installed in the “box” configuration. The span wires will support the 13 new signal heads and the strain poles will support the four new internally illuminated street name signs. Coordination and notification will play an important role for the signalization improvements. SCALAR will spearhead these coordination efforts by facilitating a pre-activity meeting to discuss the contractors' responsibilities and work plans as well as the required notifications to Lake County Traffic Operations prior to all construction activities. SCALAR will also ensure coordination occurs with all appropriate utilities prior to setting and removing poles. SCALAR will coordinate with the contractor and the power company to determine if any additional fees are required, and that all required permits to complete the scope of work have been obtained. SCALAR's advance planning, discussions, and coordination will eliminate all potential delays in construction and unforeseen circumstances in the field. The contractor is required to maintain the existing signalized intersection until the

temporary system is operational and then maintain the temporary system until the new system is operational. SCALAR will field verify that the line of sight of the existing signals is not interfered with during the installation of the 13 new signal heads as to safely maintain vehicular traffic through the intersection.

Striping and Signing – Based on a review of contract documents, it is understood that all pavement markings and signs shall conform to the 2021-2022 FDOT Standard Plans, MUTCD (2009), and Lake County Specifications; with maximum requirements applied if project striping and signing specifications conflict amongst one another. We will also conduct a Striping & Signing Pre-Activity Meeting to review project material requirements (including the need for Lake County pre-approval of all sign material and hardware prior to installation), the need for the contractor to maintain street name signs and visibility for emergency vehicle needs during construction, sign mounting heights, and the requirement that all existing signs and signal equipment removed are the property of Lake County and shall be returned to Lake County Traffic Operations. We will also ensure that the contractor self-inspect all road markings using the January 26th, 2011 Florida Method for all traffic striping retro-reflectivity requirements.

Material Verification Testing – We are proposing Ardaman & Associates, Inc. as a subconsultant to provide the necessary CEI Construction Materials Testing services. These services will include an Asphalt Plant Technician, Linda Hunt, and all laboratory testing, performed by William Barnwell, as outlined in Exhibit A of this RFQ. If Resolution Testing is required, due to a Quality Control test result not comparing to the Verification Test result, SCALAR will coordinate with an independent laboratory.

Proposed Staff

SCALAR is proposing a staff that has worked together previously in Central Florida. In addition, our team has worked on three projects in Lake County: the Minneola Interchange at the Turnpike and North Hancock Road; Resurfacing of the northbound lanes of Florida Turnpike from milepost 288 to 297; and the Turnpike's District-wide Wrong Way Sign project. These projects demonstrate the required skills needed to meet the demands of the project while partnering with the contractor to exceed the County's expectations.

For this project, we have proposed **Bill Sears, P.E.**, as Senior Project Engineer. Bill has extensive FDOT work experience (e.g. 30 years with FDOT District 4 and Florida's

Turnpike) and offers exceptional communication, technical, and management skills for the execution of this contract. Bill brings an understanding of project owners' perspective and FDOT specifications to the SPE role; this coupled with his ability to provide leadership, direction, and plan interpretation will ensure we meet the design intent timely and within budget.

Christopher NeSmith, P.E., is proposed as the Project Engineer. Christopher has over 23 years of experience in the transportation field and resides in Lake County. His skills include project management, construction claims and extensive knowledge and practical experience in every aspect of hot mix asphalt material and construction. Christopher earned his Bachelor of Civil Engineering from Auburn University in 1998 and is a licensed Professional Engineer in Florida (62903) and Alabama (26068). Christopher began his engineering career as a laboratory engineer at the National Center for Asphalt Technology at Auburn University, the largest asphalt research facility in the world. Christopher then served as the Bituminous Engineer for Florida's Turnpike Enterprise (FTE), developing extensive expertise in quality asphalt placement methods, and building experience working with contractors, CEI teams and various district and state offices resulting in a broad understanding of the balance between enforcement of contract documents and the partnering needed to achieve positive outcomes to all parties involved. After serving as Bituminous Engineer, Christopher became a Construction Project Manager for FTE. Christopher oversaw a variety of construction projects that included activities such as over 120 miles of milling and resurfacing, pavement widening, new construction, concrete pavement, lighting, electrical improvements, sidewalk, curb and gutter, extensive earthwork, extensive drainage, subsoil excavation, contaminated soil, signalization, signs, performance turf and utility adjustments. Christopher joined SCALAR's CEI team in 2020. Christopher is CTQP qualified in Final Estimates 1 & 2, QC Manager, FSESCI Stormwater Inspection certification and holds Advanced MOT certification. Of all the projects that Christopher managed, all but one met the FDOT key performance measures for time and money.

Bryan Johnson is proposed as the Senior Inspector for this project. Bryan has more than 13 years of experience in the CEI construction and field/laboratory material testing industries. He has served as CEI Senior Roadway Inspector/Field PA, Laboratory Material Testing Manager, and QC Manager on a variety of projects. Bryan joined SCALAR's CEI team in 2021. Almost all Bryan's recent projects have similar elements as the CR 452 Project. For FDOT District 1, Bryan was a Senior Inspector for the US 41

resurfacing project from Winkler Ave. to SR-82 that included milling, resurfacing, widening, sidewalk construction, curb and gutter, signalization, drainage improvements, utility installations, signing, and pavement markings. Bryan holds numerous Construction Training & Qualification Program (CTQP) certifications including: • CTQP Asphalt Paving Level 1 & 2 • Earthwork Level 1 & 2 • Concrete Field Inspector and Concrete Field Technician • Drilled Shaft Inspector • QC Manager • Final Estimates 1 & 2 Bryan also holds additional certifications including: • Advanced MOT • FDEP Stormwater Management Inspector • IMSA Traffic Signal Inspector and IMSA Traffic Signal Technician certification

Mustafa Alissa, E.I., is proposed as the inspector for this project. Mustafa has one year of experience in roadway construction and engineering. His experience includes working with a contractor on the construction of the First Coast Expressway and currently works as an inspector aid on the Ayers Road Extension Project in District 7. Mustafa received his Bachelor of Science in Civil Engineering from the University of Florida in December 2020 and is working toward the goal of obtaining his professional engineering license. Mustafa joined SCALAR's CEI team in 2021. Mustafa holds numerous Construction Training & Qualification Program (CTQP) certifications including: • Asphalt Roadway level 1 • Earthwork level 1 • Final Estimates Level 1 • Scheduled for ACI Field and CTQP Concrete Inspection - SCHEDULED Mustafa also holds the Intermediate MOT certification and FSESCI Stormwater Inspection certification.

Wanda Cordoba is proposed as the Resident Compliance Specialist (RCS) for this project. Wanda brings more than 26 years of CEI experience of which the last 8 years she served as an RCS, a Local Agency RCS, and as LAP Oversight for FDOT. Wanda is experienced with monitoring and ensuring contractor compliance with all EEO requirements. She is knowledgeable in Equal Opportunity Compliance, weekly certified payrolls for compliance with US Department of Labor Davis-Bacon Act, and the On-The-Job training (OJT) program. Wanda joined SCALAR's CEI team in 2020. Wanda takes a hands-on approach by performing Labor Interviews to verify classification and wage compliance as well as OJT Trainee Interviews.

Bill and the entire SCALAR team will remain vigilant in the execution of the contract. SCALAR staff will routinely update Lake County's Project Manager, Mike Olka, of the contractor's work schedule, production rate, vehicular impacts, and unforeseen conditions encountered during construction to minimize surprises.

SCALAR Deliverables

Daily Reports will be completed for each crew by the field inspection staff to include all manpower, material and equipment utilized on the project. Copies of the reports will be provided to the County for verification of the contractor's work, staff, and equipment on the jobsite. Payrolls may not be required on this project, but if so, we will verify that all personnel are compensated in accordance with the applicable wage rate table; Close coordination will be required to ensure that the contractor meets the requirements of FHWA 1273.

Weekly Duties – SCALAR will provide weekly quantities to the contractor for the previous work week, and we will collect and review all material testing reports during the execution of the project. All deficiencies will be noted immediately and forwarded to the contractor for weekly issue resolution. The contractor's contract typically requires that they submit weekly "As-Builts" with photo logs, which will be compiled on a weekly basis to ensure the contractor's operations are tracked accurately. SCALAR will schedule bi-weekly progress meetings with Lake County, the contractor, sub-contractors, utility agencies, and other stakeholders to discuss the schedule, progress, and any issues that may arise.

Monthly Duties – Approved weekly pay item quantities will be utilized to generate the monthly estimate. This will be jointly reviewed by the SCALAR staff and the contractor to ensure that all work that has been completed and accepted, is compensated in the pay application request. We will ensure that the Prime contractor understands the importance of the Certification documentation that must accompany each estimate. The Monthly Estimate will not be authorized for payment unless the proper documentation, including FDOT Form 700-020-02 Construction Compliance Spec & Plans, has been received. SCALAR will execute the approved pay application as Owner's representative and provide a signed and sealed version with the pay application to the County Project Manager.

Schedule – The contractor's schedule submittal and written work plan will be required twenty-one (21) days after contract award or at the Preconstruction conference. The schedule will be reviewed to ensure all project elements including Duke Energy and CenturyLink utility relocations are included, and once approved, will serve as our baseline for timely project completion. We will ensure that the schedule is logically sequenced with the TTCP, is cost and resource loaded, that shop drawing reviews/procurement of specialty items (drainage, signs & signals) are included in the baseline. We will require bi-weekly submittal of a

controlling item of work and a three-week look ahead to ensure that the contractor is abiding by his baseline and attacking the most critical items. SCALAR will send updates to Project Manager, Mike Olka, after reviewing each schedule submittal and its effect to the project's critical path and expected completion date.

Quality Assurance – SCALAR takes pride in the delivery of exceptional solutions in an innovative, effective, and responsive manner. The project team will conduct a thorough site inspection to catalogue the existing field conditions, videotape and photograph the project for our records. SCALAR will develop a comprehensive QA Plan tailored to this contract, and a Final Estimates quality control process to ensure compliance with all requirements. We will conduct independent QA/QC audits quarterly, by our QA Team, led by Carl Aiduck. These will include the review of CEI procedures, documentation, and methods throughout construction, utilizing FDOT Construction Inspection Guide Lists and Final Estimates Checklists for uniformity. Final Estimate audits will be performed at 30%, 60%, and 90% of the construction duration. Findings will be sent to Lake County's Project Manager, Mike Olka within 3 days of completing each review.

Local Agency Project (LAP)

SCALAR has an acute awareness of LAP project requirements. With this knowledge, we have gained the appreciation of Local Agencies and FDOT.

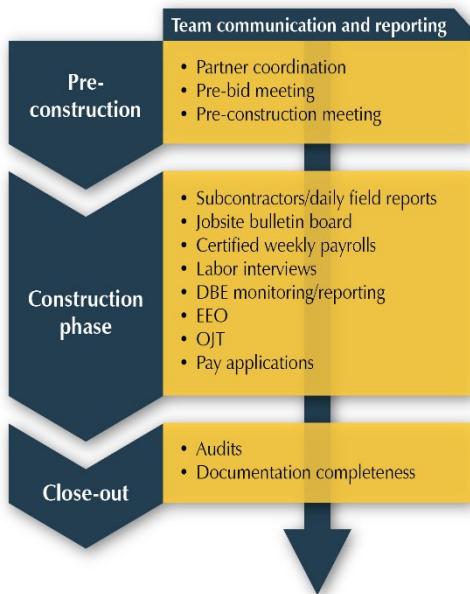
SCALAR will ensure that the project is completed within time and budget constraints so that **Lake County receives 100% reimbursement from the FDOT**. In addition to ensuring quality construction materials and practices are incorporated by the Contractor, SCALAR understands that a major component to the success of this project will be to meet all LAP program guidelines as it relates to EEO, DBE, Davis Bacon, and OJT, as applicable. We will ensure all project related documentation is uploaded to LAPIT throughout the life of the project, and at closeout. Additionally, we will ensure that the contractor is registered with the FDOT's Equal Opportunity Compliance reporting system. SCALAR will utilize the following contract documents during the administration of construction activities:

- Approve Change Orders, Addendums or Amendments
- Specifications (Quality requirements will be adhered to and enforced via the project specifications, which include the FDOT LAP specifications)
- Drawings/Plans (Project location – City R/W)

- Supplemental Conditions or Special Terms
- General Terms and Conditions
- Executed Construction Contract
- Priority Invitation to Bid
- Contractor's Bid

Federally Funded Project Considerations

With the participation of federal funding, construction contract compliance requirements become a critical path element for all Federally Funded projects. Successful compliance oversight is integrated throughout all phases of the project and requires diligent daily monitoring of records, excellent team communications, and accurate tracking controls. Our RCS, Wanda Cordoba is familiar and experienced in the responsibilities below.



Pre-Construction Meeting – SCALAR will discuss the federal requirements and project expectations in detail at the pre-construction meeting, ensuring all project partners know the requirements. All identified subcontractors will be encouraged to attend.

Project Monitoring – As construction begins, SCALAR will create and maintain detailed tracking spreadsheets to monitor project activities and compliance submittals of the prime Contractor and all subcontractors.

Prime Contractor and Subcontractors – Per FHWA1273, SCALAR will ensure the Contractor performs contract work amounting to no less than 30 percent of the original contract price, excluding specialty items. Per FDOT requirements,

SCALAR will review at least 20% of all active subcontracts (including all tiers) to ensure FHWA 1273 and prevailing wage decisions have been included in the contract document.

Daily Field Reports – SCALAR will review daily field reports prepared by the field inspections to ensure completeness and accuracy between compliance and field documentation.

Jobsite Bulletin Board – Throughout the life of the project SCALAR will monitor the jobsite bulletin board for properly posted compliance information.

Certified Weekly Payrolls – Payrolls will be tracked for receipt by established due dates and reviewed for compliance with prevailing wage decisions and U.S. Department of Labor guidelines. Non-compliance notices will be promptly issued to ensure corrective action is taken within prescribed timelines.

Labor/Compliance Interviews – Interviews will be conducted on a wide range of project employees of the prime Contractor and subcontractors to affirm and cross check the information being reported by the contractors including:

- Assurance that all active subcontractors have properly been reported as active on the project.
- Completeness and accuracy of the number of workers, pay rates, and wage classifications as reported in the certified weekly payrolls relative to the work activity observed by the interviewer.
- Understanding of the laborer's knowledge of their employer's EEO plan and EEO officer, as well as their civil rights. The results of these random interview checks will be compared to other project data to evaluate compliance. The compliance staff will then take actions as necessary to resolve discrepancies identified during interviews, which may include issuance of payroll violations, notices of non-compliance, and requesting additional supporting compliance documentation.

DBE's – SCALAR will identify and monitor DBEs in accordance with 49 CFR Part 26 to document that commercially useful functions are performed. The Contractor's reporting of DBE Commitments and payments to DBE subcontractors will be tracked in FDOT's Equal Opportunity Compliance (EOC) system to ensure proper reporting and adherence to payment requirements. SCALAR is a certified DBE firm and understands the requirements of the program.

EEO – SCALAR will monitor EEO provisions to ensure contractors have an EEO/Affirmative Action policy and plan adopted, have identified their EEO officer, and have written documentation of their commitment to uphold provisions for non-discrimination and employee rights and an on-going recruitment program.

On-the-Job Training (OJT) – OJT Trainees are required on contracts where federal funds are assigned @ 275 days or more and is over \$2 million construction cost. SCALAR will monitor OJT if awarded this contract.

E-Verify – SCALAR uses the E-Verify system to verify the eligibility of all new employees.

Pay Applications – Upon submittal of pay applications by the contractors, the Prime CEI firm will coordinate with the SCALAR staff to acknowledge and uphold any outstanding compliance issues before recommendation of payment is made. If required, further non-compliance notices will be issued, and payment will not be recommended until compliance is achieved.

Reporting & Audits – SCALAR will provide weekly compliance status updates to all partners and will indicate positive or negative status of compliance items for the participating contractor. This communication is in addition to official non-compliance notices that may require issuance. All non-compliance notices will be tracked for resolution or escalation. SCALAR will perform compliance monitoring to ensure that project documentation is always ready for an audit at a moment's notice. Our team welcomes these reviews, as they reaffirm the successful oversight that we achieve on behalf of our clients.

Document Control – Scalar will ensure that all applicable documents have been uploaded in the Local Agency Program Information Tool (LAPIT) web-based application, per the LAPIT Checklist. LAPIT is the primary tool for the FDOT and local agencies to share and track project information and related documentation. This information is linked and share with the Equal Opportunity Compliance (EOC) system. The EOC pulls Local Agency contracts information from the LAPIT application. The Prime Contractor is responsible for entering the DBE Commitment and DBE Payment entries on Local Agency contracts into the EOC system. Scalar will ensure that these payments are entered in the system.

Communication – Excellent communication is the key to all successful projects and especially crucial to the success of compliance monitoring. Compliance staff members will attend all project meetings deemed necessary, to ensure compliance elements are properly communicated and to

provide compliance status updates. This ensures that the compliance element is constantly recognized and considered throughout the progress of the project. Training will be offered to subcontractors to ensure their continued understanding of compliance requirements. SCALAR Resources' role as the compliance monitor also encompasses a helpful and supportive approach. After all, we are all partners with the common goal of achieving a successful compliant project. SCALAR Resources understands the federal compliance requirements and will protect the federal funding source.

Project Closeout – SCALAR will begin development of the Final Estimates Package, Materials Certification package, and LAP Documentation package before construction begins. SCALAR's method will create a "Blue Folder" for final lap documentation during pre-construction. This folder will include six tabs with specific documents for each tab. This will result in a clear and organized final LAP documentation submittal. SCALAR will continue to update these packages throughout the project duration to allow these packages to be completed and submitted to Mike Olka in a timely manner. Closeout processes ensure that project records are accurate, complete, and delivered to the client for record retention and any subsequent reviews. Per the LAP Agreement, the Local Agency is required to retain all project documentation for a period of 5 years after completion. We will provide a complete hardcopy and electronic file of all project records.

SCALAR looks forward to the opportunity to work with the Lake County team on this important project.

Sincerely,



Aniruddha Gotmare, PE
CEO & President
Scalar Consulting Group Inc.

TAB B

Firm Profile Form & Team Composition Form



ATTACHMENT 6 FIRM

PROFILE FORM

<p>1. Firm Name and Primary Corporate Address</p> <p>Scalar Consulting Group Inc. 2250 Lucien Way, Suite 120 Maitland, FL 32751</p>	<p>1a. Licensed to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1b. Registered to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>1d. Firm is <input type="checkbox"/> National <input checked="" type="checkbox"/> Regional <input checked="" type="checkbox"/> Local</p> <p>FEIN # <u>45-1909667</u></p>	<p>1c. Name, Title, Email, & Telephone Number of Principal to Contact Aniruddha Gotmare CEO & President agotmare@scalarinc.net (561) 429-5065</p> <p>1e. Firm is a Certified Minority Business Enterprise <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>2. Please list the number of people by discipline that your firm will commit to the County's project.</p> <p>Senior Project Engineer - 1 Project Engineer - 1 Senior Inspector - 1 Inspectors - 1 Resident Compliance Specialist - 1</p>	

Licensee Details

Licensee Information

Name: **SCALAR CONSULTING GROUP INC. (Primary Name)**
Main Address: **5713 CORPORATE WAY
SUITE 200
WEST PALM BEACH Florida 33407**
County: **PALM BEACH**
License Mailing:
LicenseLocation:

License Information

License Type: **Registry**
Rank: **Registry**
License Number: **29560**
Status: **Current**
Licensure Date: **06/07/2011**
Expires:

Special Qualifications **Qualification Effective**

Alternate Names


[View Related License Information](#)

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2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395


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Ron DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES



SEARS, WILLIAM RANDALL
2348 TIMBERCREEK CIRCLE
BOCA RATON FL 33431-4021

LICENSE NUMBER: PE38824


EXPIRATION DATE: FEBRUARY 28, 2023

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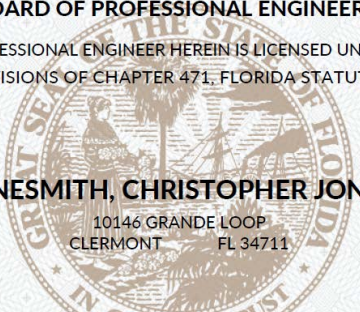
Ron DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES




NESMITH, CHRISTOPHER JON
10146 GRANDE LOOP
CLERMONT FL 34711

LICENSE NUMBER: PE62903

EXPIRATION DATE: FEBRUARY 28, 2023

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ATTACHMENT 7 TEAM

COMPOSITION FORM

Role	Name of individual assigned to the project	Florida Active Registrations Number
Principal-in-Charge	Aniruddha Gotmare, PE	Florida Professional Engineer, #54801
Senior Project Engineer	William Sears, PE	Florida Professional Engineer, #38824
Project Engineer	Christopher NeSmith, PE	Florida Professional Engineer, #62903
Senior Inspector	Bryan Johnson	
Inspector	Mustafa Alissa, EI	Exam Passed 5/2021 – Cert # Pending Processing
Resident Compliance Specialist	Wanda Cordoba	
Expert Testimony Professional Surveyor		

Sub Consultants:

Role (i.e., Underground Utility Location, Environmental, GIS Mapping Services)	Company Name Handling this Project	Projected % of Over-All Work on Entire Project	Name of Individual Assigned to this Project	Firm Worked with prime before (Yes or No)	Individual Worked with prime before (Yes or No)
Asphalt Plant Inspector, Lab Technician	Ardaman & Associates	5%	Linda Hunt & William Barnwell	Yes	Yes
Professional Surveyor, SUE	McKim & Creed, Inc.	1%	Scott Carpenter	Yes	Yes

Are there any contractual agreements between the respondent (prime consultant) and any of the proposed sub-consultants? _____yes no

If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.

ATTACHMENT 6 FIRM

PROFILE FORM

<p>1. Firm Name and Primary Corporate Address</p> <p>Ardaman & Associates, Inc. 8008 S. Orange Ave. Orlando, FL 32809</p>	<p>1a. Licensed to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1b. Registered to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>1d. Firm is <input checked="" type="checkbox"/> National <input type="checkbox"/> Regional <input type="checkbox"/> Local</p> <p>FEIN # <u>59-2984496</u></p>	<p>1c. Name, Title, Email, & Telephone Number of Principal to Contact</p> <p>Jason M. Parker, P.E., Asst. Vice President jparker@ardaman.com 407-855-3860</p> <p>1e. Firm is a Certified Minority Business Enterprise <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>2. Please list the number of people by discipline that your firm will commit to the County's project.</p> <p>Inspector - 1 Technician - 1</p>	

ATTACHMENT 6 FIRM

PROFILE FORM

<p>1. Firm Name and Primary Corporate Address</p> <p>McKim & Creed, Inc 1730 Varsity Dr #500 Raleigh, NC 27606</p>	<p>1a. Licensed to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1b. Registered to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>1d. Firm is <input checked="" type="checkbox"/> National <input type="checkbox"/> Regional <input type="checkbox"/> Local</p> <p>FEIN # <u>56-2136769</u></p>	<p>1c. Name, Title, Email, & Telephone Number of Principal to Contact</p> <p>Scot Carpenter, PSM Geomatics Manager scarpenter@mckimcreed.com 386.873.4517</p> <p>1e. Firm is a Certified Minority Business Enterprise <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>2. Please list the number of people by discipline that your firm will commit to the County's project.</p> <p>Survey Crew - 1</p>	

BILL SEARS, PE

PROJECT ROLE | Senior Project Engineer



Summary

Bill Sears has more than 41 years of professional experience primarily in the transportation field working as a Construction Engineering & Inspection (CEI) manager, engineer, project engineer, and project manager. Bill's work experience includes working with the Florida Turnpike as both a manager and engineer where he supervised construction project managers on roadway and bridge projects, provided construction engineering and inspection services for public and private partnerships, reviewed proposed plans to verify feasibility of construction, duration, and bid-ability prior to letting the contract, and was responsible for up to 30 concurrent projects with a value of approximately \$900 million on 400 miles of Florida's Turnpike. Additionally, Bill developed the "Asphalt Smoothness" Specification for FDOT to eliminate the rolling straightedge on Turnpike projects and replace with a laser profiler as a member of the multi-disciplinary team.

Years of Experience, Education, Registration(s), Certification(s), Training, Affiliations

- ▶ 41 years; joined Scalar in 2020
- ▶ BS, Civil Engineering, Valparaiso University, 1979
- ▶ Florida Professional Engineer, #38824
- ▶ Advanced Maintenance of Traffic
- ▶ FDOT Final Estimates Level I & II
- ▶ FDOT Quality Control Manager
- ▶ FDEP Qualified Stormwater Management Inspector
- ▶ TIN: S62093657

Project Experience

Florida's Turnpike Enterprise | Minneola Interchange - Milepost 278 | \$29 M | Lake County | Assistant District Construction Engineer | Bill served as the FDOT state employee in responsible charge of the first Automated Machine Guidance project for the Turnpike. The project includes constructing a full diamond interchange at North Hancock Road. A new four lane bridge spanning over the Turnpike, two all-electronic tolling gantries and equipment buildings, related drainage, lighting, highway signing, traffic signalization, guardrail, sidewalk and landscaping. (3/2016 to 6/2017; FIN# 435786-1-52-01) Reference Joe Chinelly at (407) 466-8126

Florida's Turnpike Enterprise | Wrong Way Sign Upgrades (MP 107-304, 0-11, 0-6, 40-55) | \$1.2 M | Palm Beach, Martin, St. Lucie, Okeechobee, Osceola, Orange, Lake, Sumter, & Orange Co. | Assistant District Construction Engineer | Bill served as the FDOT state employee in responsible charge of this project. Scope included signs and striping. During 100% pre-construction plan review discovered 120 items that required updates. Items were updated, setting the project for success. The contractor had slow production, installed many signs incorrectly, worked inefficiently, and incurred sign manufacturer delays. The contractor exceeding project expiration and the project missed time KPM. The project met the money KPM and eventually all deficiencies were corrected. (4/2018 to 3/2019; FIN# 439901-1-52-01) Reference Joe Chinelly at (407) 466-8126

Florida's Turnpike Enterprise | Mill & Resurface & Safety Imp. (MP 288.4-297.5) | \$9.3 M | Lake Co. | Assistant District Construction Engineer | Bill served as the FDOT state employee in responsible charge of this project. Scope included milling, resurfacing, signing, striping, safety upgrades, electrical, culvert work, two Emergency Shoulder Use (ESU) widenings, and one law enforcement pad. Major challenge with this project involved the Box Culvert restoration as overruns and differing site conditions due to flooding were encountered. Also, the two ESU widening locations were added to the contract before construction began with the goal of being able to implement ESU, if needed, by Aug. 1, 2018 (goal was achieved, even with two unexpected base failures). Contentious disagreements between the contractor and FDOT occurred, delaying negotiations. Despite challenges, project completed within time and money KPMs. (5/2018 to 8/2020); FIN# 437988-1-52-01) Reference Joe Chinelly at (407) 466-8126

Florida's Turnpike Enterprise | R2 Full Depth Replacement (MP 289.5-290.0) | \$1.3 M | Lake Co. | Assistant District Construction Engineer | Bill served as the FDOT state employee in responsible charge of this project. Scope included very complex sequences and a complex traffic control plan. Let as a Business Development Initiative (BDI) contract, the awarded contractor was weak, unprepared, and failed to plan and manage appropriately. Project included 1,000+ feet of full depth replacement of right travel lane, complex MOT, complex operations, and very aggressive time restrictions. KPMs for time and money were met. (12/2019 to 3/2019; FIN# 441322-2-52-01) Reference Joe Chinelly at (407) 466-8126

CHRISTOPHER NESMITH, PE

PROJECT ROLE | Senior Project Engineer



Summary

Christopher NeSmith has over 23 years of professional experience in the transportation field working as a Construction Engineering & Inspection (CEI) project manager, engineer, project engineer, and project manager. Christopher's work experience includes working with the National Center for Asphalt Technology (NCAT) and as the Bituminous Engineer for Florida's Turnpike and he is an expert with asphalt testing, asphalt mix design, flexible pavement design, material selection, asphalt constructability, asphalt placement techniques, pavement evaluation, and failure investigation. Christopher has worked with various Turnpike Offices, State Offices, Contractors, and CEI firms to improve and expand Florida's infrastructure while utilizing innovative approaches to solve issues and improve processes.

Years of Experience, Education, Registration(s), Certification(s), Training, Affiliations

- 23 years; joined Scalar in 2020
- BS, Civil Engineering, Auburn University, 1998
- Florida Professional Engineer, #62903
- Alabama Professional Engineer, #26068
- Advanced Maintenance of Traffic
- FDOT Quality Control Manager
- FDOT Final Estimates 1 and 2
- TIN: N25311075-000

Project Experience

Florida's Turnpike Enterprise | Mill & Resurface & Safety Imp. (MP 288.4-297.5) | \$9.3 M | Lake Co. | Construction Project Manager

Responsible for plan reviews and full CEI oversight: Scope included milling, resurfacing, signing, striping, safety upgrades, electrical, culvert work, two ESU widenings, and one law enforcement pad. Major challenge with this project involved the Box Culvert restoration as overruns and differing site conditions due to flooding were encountered. Also, the two ESU widening locations were added to the contract before construction began with the goal of being able to implement ESU, if needed, by Aug. 1, 2018 (goal was achieved, even with two unexpected base failures). Contentious disagreements between the contractor and FDOT occurred, delaying negotiations. Despite challenges, project completed within time and money KPMs. (5/2018 to 8/201; FIN# 437988-1-52-01)

Florida's Turnpike Enterprise | R2 Full Depth Replacement (MP 289.5-290.0) | \$1.3 M | Lake Co. | Construction Project Manager

Responsible for plan reviews and full CEI oversight: Scope included very complex sequences and a complex traffic control plan. Let as a Business Development Initiative (BDI) contract, the awarded contractor was weak, unprepared, and failed to plan and manage appropriately. Project included 1,000+ feet of full depth replacement of right travel lane, complex MOT, complex operations, and very aggressive time restrictions. KPMs for time and money were met. (12/2019 to 3/2019; FIN# 441322-2-52-01)

Florida's Turnpike Enterprise | Wrong Way Sign Upgrades (MP 107-304, 0-11, 0-6, 40-55) | \$1.2 M | Palm Beach, Martin, St. Lucie, Okeechobee, Osceola, Orange, Lake, Sumter, & Orange Co. | Construction Project Manager

Responsible for plan reviews and full CEI oversight: Scope included signs and striping. During 100% pre-construction plan review discovered 120 items that required updates. Items were updated, setting the project for success. The contractor had slow production, installed many signs incorrectly, worked inefficiently, and incurred sign manufacturer delays. The contractor exceeding project expiration and the project missed time KPM. The project met the money KPM and eventually all deficiencies were corrected. (4/2018 to 3/2019; FIN# 439901-1-52-01)

Florida's Turnpike Enterprise | Mill & Resurfacing (MP 269-273), | \$12.1 M | Orange Co. | Construction Project Manager

Responsible for plan reviews and full CEI oversight: Scope included mill & resurface with significant deep mill and eight milling depths. Project had over 55,000 tons High Polymer mix (structure and FC-5). Three emergency base failures; a major mid-project change order to alter deep mill operations; and a major temp. traffic control issue all required contract changes. Project met time and money KPM. (5/2019 to 6/2020; FIN# 439457-1-52-01)

Florida's Turnpike Enterprise | Turkey Lake Truck Staging Lot (MP 263) | \$4.9 M | Orange Co. | Construction Project Manager

Responsible for plan reviews and full CEI oversight: Project included concrete pavement, earthwork, drilled shaft, cantilever sign structure, jack & bore, drainage, lighting, electrical, irrigation, striping, and signs. During construction, project included contaminated soil coordination, a major change to the traffic control plan, differing site conditions, and flooding/washouts associated with the new drainage. Despite challenges, the project completed early, in budget, and was a huge success. (11/2019 to 9/2020; FIN# 441309-1-52-01)

BRYAN JOHNSON

PROJECT ROLE | Senior Inspector



Summary

Bryan Johnson has more than 13 years of experience in the CEI construction and field/laboratory material testing industries within the State of Florida. He has served as CEI Sr. Roadway Inspector on a variety of project scopes including roadway reconstruction & widening, milling & resurfacing, mast-arm signalization, roadway lighting installation, WM & FM utility installation, bridge construction, airport runway construction, and water impound sites. He possesses significant knowledge of project administration and documentation requirements, Verification Testing (VT) and Quality Control (QC) testing requirements, and is extremely well-versed with all essential infrastructure construction operations including earthwork, asphalt paving, structural concrete placement, signalization, sign installation, roadway lighting, drilled shaft installation, utility installation, and pavement marking installation. His first-hand experience coupled with his thorough knowledge of FDOT documentation, Specifications, and CPAM protocol provide him the tools necessary to successfully administer any roadway construction project. Prior to serving in the CEI industry, Bryan served as both a Laboratory Material Testing Manager and Quality Control Manager within the Contractor Quality Control industry; this background gives him unparalleled knowledge of construction materials. His client history includes the Florida Department of Transportation (FDOT) Districts 1 and 4, the Florida's Turnpike Enterprise (FTE), as well as the United States Army Corp of Engineers (USACOE), Broward County Aviation Authority (BCAA), Lee County, and the South Florida Water Management District (SFWMD).

Years of Experience, Education, Registration(s), Certification(s), Training, Affiliations

- ▶ 13 Years Experience
- ▶ TIN J52507171
- ▶ Quality Control (QC) Manager
- ▶ Final Estimates, Level I & II
- ▶ Concrete Field Technician, Level I
- ▶ Concrete Field Inspector Level II
- ▶ ACI CTCI Level II
- ▶ Asphalt Paving, Level I & II
- ▶ Earthwork Construction Technician, Level I & II
- ▶ Florida Advanced MOT
- ▶ Drilled Shaft Inspector
- ▶ Stormwater & Erosion Control Certification
- ▶ IMSA Traffic Signal Inspector
- ▶ IMSA Traffic Signal Technician
- ▶ Radiation Safety Officer
- ▶ Nuclear Gauge Safety and Hazmat Certification
- ▶ FDOT Critical Structures Self-Study

Relevant Project Experience

Florida's Turnpike Enterprise | Wrong-Way Sign Replacement | Lake County & System-Wide | CEI Senior Roadway Inspector |
Project improvements included primary installation "Wrong-Way" sign installations (as well as "Speed Limit", "Exit" numbers, and Curve signing) consisting of both single-post and multi-post signs, overhead-cantilever sign panel replacements on existing structures, and installation of new thermoplastic roadway pavement markings. This system-wide project encompassed 56 exit ramps at 33 interchanges along the Florida's Turnpike Mainline, and Veteran's Expressway. (8/18 – 2/19; FIN# 439901-1-52-01) Reference: Christopher NeSmith (352) 354-2004

City of Ft. Meyers | Linhart, Magnolia, Holly Utility Rehabilitation | Lee County | CEI Senior Roadway Inspector |
Project includes replacement of water mains, sanitary sewer pipe, storm drainage, and swales along nine neighborhood streets along Linhart Avenue between Cortez Boulevard and US-41. This project is widening Linhart Ave. from 20 feet to 22 feet wide. McCann St. will be improved with an 18-foot paved road from Linhart Ave. to the existing end of the road. The project also includes new sidewalk on side streets and will replace sidewalk disturbed during construction. Finally, new driveway aprons and sod will be installed, and roads will be rebuilt and paved. (12/20 – Present) Reference: Jason Swack, PE at (239) 318-0282

FDOT District 1 | U.S. 41 (S.R.45) From Winkler Ave. to S.R.82 | Lee County | CEI Senior Roadway Inspector |
This Roadway, Resurfacing and Rehabilitation (3R) project within the City of Ft. Myers is an urban principal arterial (US41). Construction improvements include minor roadway widening, milling/resurfacing, miscellaneous safety improvements, sidewalk construction, ADA curb-cut ramp replacements, installation of new roadway lighting, signalization, drainage improvements, Water Main (WM) and Force Main (FM) utility installation, box culvert extension, and installation of new signing and pavement markings. (3/19 – 3/21; FIN# 431313-1-52-01) Reference: Dennis Day at (239) 985-7870

MUSTAFA ALISSA

PROJECT ROLE | Inspector



Summary

Mustafa Alissa graduated from the University of Florida with a Bachelor of Science degree in Civil Engineering. He has over 1 year of experience in the construction industry along with his strong communication and leadership skills. Prior to working at Scalar, Mustafa's experience included project management, estimating, and surveying as well as stormwater design. Mustafa is experienced with applications used for design, project management & estimating such as AutoCAD, ArcGIS, Bluebeam, PlanSwift, and Microsoft Project.

Years of Experience, Education, Registration(s), Certification(s), Training, Affiliations

- ▶ Bachelor of Science in Civil Engineering – University of Florida Dec. 2020
- ▶ 1+ years of experience
- ▶ TIN# A42054098
- ▶ Intermediate Maintenance of Traffic
- ▶ Asphalt Paving Level 1
- ▶ FDOT Critical Structures
- ▶ Nuclear Gauge Safety
- ▶ Hazmat Certification
- ▶ Final Estimates Level 1
- ▶ Earthwork Construction Inspection Level 1
- ▶ **Pending Certifications:**
 - Stormwater Erosion and Sedimentation Control Inspector (Scheduled)
 - ACI Concrete Field-Testing Technician Level 1 (Scheduled)
 - FDOT Concrete Field Inspector Specifications (Scheduled)
 - Asphalt Paving Level 2 (Scheduled)

Project Experience

FDOT District 7 | Ayers Road Extension from Broad St. to County Line Rd. | 257298-5-52-01 | Inspector Aid |

Project includes new construction of roadway, including earthwork, asphalt placement, drainage, curb & gutter, sidewalks, performance turf, signs, and pavement markings.

(4/21 – Present) Reference: Bob Weimer, Project Administrator, (321) 299-2349

Superior Construction | Field Intern |

Performed - quantity take-offs and collaborated with superintendents and foremen to prepare work activity plans to maximize efficiency in the field. Tracked and reported the daily quantities and production rates to ensure they coincide with the work activity plan. Entered the amounts into a project log, in preparation for the weekly production meetings.

(5/20 – 8/20) Reference: Brian McGarity, Division Manager, (904) 424-1346

EDA Consultants Inc. | Stormwater Project Designer Intern |

Utilized AutoCAD Civil 3D as a tool for stormwater design and site planning. Conducted stormwater analysis and provided the director of engineering with an analysis report.

(1/20 – 4/20) Reference: Claudia Vega, Director of Engineering, (352) 373-3541

Superior Construction | Estimating/Survey Intern |

Performed quantity take-offs and assisted on estimates of projects ranging from \$4 million to \$100 million. Received and evaluated quotes from subcontractors and suppliers. Assisted with setting up total stations, layout offset stakes, and performed quality assurance work.

(5/19 – 8/19) Reference: Bobby Naik, Director of Estimating, (904) 292-4240

Haskell | Construction Intern |

Assisted with reviewing shop drawings and obtaining approval for submittals. Ensured all subcontractors followed the safety regulations on-site. Shadowed the superintendent to attain a better understanding of the construction process.

(5/18 – 8/18) Reference: Brian Broxson, Director of Construction, (972) 731-0800

Summary

Mrs. Cordoba brings over 26 years of CEI experience of which the last 8 years she served as a Resident Compliance Specialist (RCS), Local Agency Resident Compliance Specialist, and as a LAP Oversight for FDOT. Wanda is experienced with monitoring and ensuring contractor compliance with all EEO requirements. She is knowledgeable in Equal Opportunity Compliance, weekly certified payrolls for compliance with US Department of Labor Davis-Bacon Act, and On-The-Job-training (OJT) program. Mrs. Cordoba takes a hands-on approach by performing Labor Interviews to verify classification and wage compliance as well as OJT Trainee Interviews. She is extremely familiar with the requirements in CPAM Section 5.7, *Federal-Aid Project Requirements*, including Buy America, the Equal Opportunity Construction Contract Compliance Manual for the Davis-Bacon Act, and the Federal-Aid EEO Checklist.

Years of Experience, Education, Registration(s), Certification(s), Training, Affiliations

- 26 years; joined Scalar in 2020
- FDOT District 4 EEO/DBE/OJT Training
- FDOT District 4 July Reporting Training
- Local Agency Program Workshop Highway Admin. Certification Computer-Base
- CITS/Biznet/EEO/EDMS (Hummingbird) and FDOT LAPIT Systems
- Final Estimates Level 1 & 2 Pending

Project Experience

City of West Palm Beach | CEI Services for 15th Street Beautification Project | West Palm Beach | Resident Compliance Specialist

| The scope of the project included milling and resurfacing, construction of bulbouts, curbing and curb ramps, specialty pavement, bioswales, landscaping, trash receptacles, bike lane with acrylic coating and striping, along this 0.94 mile stretch of 15th street from Australian Avenue to North Dixie Highway. Wanda's role was to ensure the EEO/DBE/Payroll requirements are met on this FDOT LAP funded project. Also, she uploaded all project related documentation to LAPIT throughout the life of the project, and at closeout. Additionally, she ensured the contractor was registered with the FDOT's Equal Opportunity Compliance reporting system and updating the DBE payments. Project Started: 6 - 2015 / Project Completed: 2 - 2016 (6/15 - 2/16; Khanh Uyen Dang, PE (561) 494-1087)

FDOT District 1 | CA803 Heartland Operations Center | Hybrid Inspection Staff Only (5M) | DeSoto County | Contract Manager |

Wanda manages the funds for each task work order, ensures funds are available for work being performed. Tracks staffing schedules and ensures staff is available for assignments. Ensures inspection staff has FDOT computer access and proper equipped to handle the project. She also tracks staff's certification and attends monthly progress meetings. (3/20 - ongoing; Susan Hindman (863) 471-4865)

FDOT District 1 | C9P31 Heartland Operations Center | Hybrid Inspection Staff Only | DeSoto County | Contract Manager |

Wanda manages the funds for each task work order, ensures funds are available for work being performed. Tracks staffing schedules and ensures staff is available for assignments. Ensures inspection staff has FDOT computer access and proper equipped to handle the project. She also tracks staff's certification and attends monthly progress meetings (5/16 - ongoing; Susan Hindman (863) 471-4865)

FDOT District 4 | CA777 Continuing Services CEI Consultant Inspection | Broward County | Contract Manager |

Wanda manages the funds for each task work order, ensures funds are available for work being performed. Tracks staffing schedules and ensures staff is available for assignments. Ensures contract support and inspection staff has FDOT computer access and proper equipped to handle the project. She also tracks staff's certification and attends monthly progress meetings. (5/16 - ongoing; Deborah Rine (954) 940-7588)

FDOT District 4 | Treasure Coast Operations Center Construction Admin. Staff | St. Lucie County | Contract Manager |

Wanda manages the funds for each task work order, ensures funds are available for work being performed. Tracks staffing schedules and ensures staff is available for assignments and has FDOT computer access. Also, she attends quarterly monthly progress meetings. (10/16 - ongoing; Kristy Keeler (772) 429-4895)

FDOT District 4 | SR 715/SW-NW 16th Street from SR 717/W Canal Street to SR 15 | Palm Beach County | Secretary/EDMS |

The major work function on the project included milling and resurfacing and shoulders widening. Additional scope included proposed sidewalk on the south side, guardrails, minor drainage and signing and pavement marking improvements. (2/16 - 2/17; Jacques Beaubrun (561) 370-1143)

TAB C

Similar Experience Form



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Wrong Way Sign Upgrades (MP 107-304, 0-11, 0-6, 40-55) Palm Beach, Martin, St. Lucie, Okeechobee, Osceola, Orange, Lake, & Sumter Counties FIN# 439901-1-52-01 <u>Project Manager:</u> Tom Dear, (239) 340-3886		<u>Project Owners Name & Address</u> Florida Turnpike Enterprise (FTE) P.O. Box 613069 Ocoee, Florida 34761 (407) 532-3999
<u>Completion Date (Actual or Estimated)</u> 4/2018 to 3/2019		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u> Maria Connolly, Director of Operations (954) 934-1247 maria.connolly@dot.state.fl.us
<u>Estimated Cost (In Thousands)</u> Entire Project \$ 1.2 Million	Work for which firm was/is responsible \$ 1.2 Million	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> Scope included electrical service points, electrical conduit by open cut and directional bore, signs and striping. During 100% pre-construction plan review discovered 120 items that required updates. Items were updated, setting the project for success.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Responsible for plan reviews, full CEI oversight, inspection, material testing and project administration. Scope included electrical service points, electrical conduit by open cut and directional bore, signs and striping.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Bill Sears was the State employee in Responsible Charge of the project. Bill will be the SPE for CR 452. Christopher NeSmith was the Construction Project Manager with Florida Turnpike's General Consultant for Construction. Christopher will be the Project Engineer for CR 452. Bryan Johnson was the Sr. Project Engineer for the CEI. Bryan will be the Sr. Project Engineer for CR 452.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Mill and Resurface Turnpike MP 178 – 190 (2 projects) Indian River and Okeechobee Counties, FL FIN: 435165-1-52-01 and 435166-1-52-01 <u>Project Manager:</u> Maria Connolly		<u>Project Owners Name & Address</u> Florida Turnpike Enterprise (FTE) P.O. Box 613069 Ocoee, Florida 34761 (407) 532-3999
<u>Completion Date (Actual or Estimated)</u> Started 2017 and Completed 2018		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u>
Entire Project \$ 25.9 Million	Work for which firm was/is responsible \$ 25.9 Million	Maria Connolly, Director of Operations (954) 934-1247 maria.connolly@dot.state.fl.us
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> Work consisted of milling and resurfacing the Turnpike between milepost 178 and 190. All four lanes and shoulders were milled and resurfaced, and each project included locations with deep mill depths and locations with cross slope correction. Due to the variable nature of the projects, one project included 14 different milling depths and the other included eight different milling depths. Safety improvements included removing cross-overs and replacing guardrail. Drainage improvements included new culvert pipe, new drainage structures, new drainage inlets, and rehabilitation of existing box culverts. One mile of northbound outside shoulder and slope was reconstructed.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Bill Sears and Christopher NeSmith were responsible for the milling and resurfacing, removing cross-overs and replacing guardrail, drainage improvements, new culvert pipe, new drainage structures, new drainage inlets, and rehabilitation of existing box culverts. and one mile of northbound outside shoulder and slope reconstruction.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Bill Sears was the State employee in responsible charge of these \$25.9 million contracts. Bill will be the SPE for CR 452. Christopher NeSmith was the Construction Project Manager for these \$25.9 million contracts, working for the Construction General Consultant. Christopher will be the Project Engineer for CR 452.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Tandem Truck Staging Lot at Turkey Lake Service Plaza Ocoee, FL (Orange County) FIN: 232513-1-52-01 <u>Project Manager:</u> Maria Connolly		<u>Project Owners Name & Address</u> Florida Turnpike Enterprise (FTE) P.O. Box 613069 Ocoee, Florida 34761 (407) 532-3999
<u>Completion Date (Actual or Estimated)</u> Started 2019 and Completed in 2020		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u>
Entire Project \$4.9 Million	Work for which firm was/is responsible \$4.9 Million	Maria Connolly, Director of Operations (954) 934-1247 maria.connolly@dot.state.fl.us
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> This project included the construction of new concrete pavement, earthwork, drilled shaft, cantilever sign structure, jack & bore, drainage structures and culverts, lighting, electrical, irrigation, striping, and signs. During construction, the project included contaminated soil that required coordination with Contamination Assessment and Remediation contractor. The project also included a major change to the traffic control plan that was incorporated by supplemental agreement early in the project. The project was completed early, within budget, and was a huge success.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Bill Sears and Christopher NeSmith joined Scalar Consulting Group Inc. in late 2020 and performed this project together prior to joining Scalar. The total scope of the project was our responsibility which included the construction of new concrete pavement, earthwork, drilled shaft, cantilever sign structure, jack & bore, drainage structures and culverts, lighting, electrical, irrigation, striping, and signs. During construction, the project included contaminated soil that required coordination with Contamination Assessment and Remediation contractor.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Bill Sears was the State Employee in Responsible Charge of the contract. Christopher NeSmith was the Construction Project Manager for the contract as an employee of WSP Global, the General Consultant for Florida's Turnpike.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Resurfacing and Rehabilitation of US 41 (SR 45) From Winkler Ave. to SR 82; Ft. Myers, FL FIN: 431313-1-52-01 <u>Project Manager:</u> Gary Downing (941) 256-5467		<u>Project Owners Name & Address</u> FDOT District 1, Ft. Meyers Operations 2981 NE Pine Island Rd. Cape Coral, Florida 33909 (941) 656-7800
<u>Completion Date (Actual or Estimated)</u> Started 2019 and Completed 2021		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u> Dennis Day Project Manager (239) 985-7870 dennis.day@dot.state.fl.us
<u>Estimated Cost (In Thousands)</u> Entire Project \$ 21 Million	Work for which firm was/is responsible \$ 10 Million	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> This Roadway, Resurfacing and Rehabilitation (3R) project within the City of Ft. Myers is an urban principal arterial (US41). Construction improvements include minor roadway widening, milling/resurfacing, miscellaneous safety improvements, sidewalk construction, ADA curb-cut ramp replacements, installation of new roadway lighting, signalization, drainage improvements, Water Main (WM) and Force Main (FM) utility installation, box culvert extension, and installation of new signing and pavement markings.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Bryan Johnson's involvement included the minor roadway widening, milling/resurfacing, miscellaneous safety improvements, sidewalk construction, ADA curb-cut ramp replacements, signalization, drainage improvements, and installation of new signing and pavement markings.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Bryan Johnson was the Senior Roadway Inspector for this project and will be the Senior Roadway Inspector on CR 452.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Linhart, Magnolia, Holly Utility Rehabilitation Ft. Myers, FL <u>Project Manager:</u> George Brinson (239) 826-3011		<u>Project Owners Name & Address</u> City of Ft. Myers 4200 Dr. Martin Luther King Jr. Blvd. Ft. Myers, Florida 33916 (239) 321-7000
<u>Completion Date (Actual or Estimated)</u> 2020 - ongoing		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u> Jason Swack, PE (239) 318-0282 jswack@cityftmyers.com
<u>Estimated Cost (In Thousands)</u> Entire Project \$ 5 Million	Work for which firm was/is responsible \$ 2 Million	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> This project is widening Linhart Ave. from 20 feet to 22 feet wide. McCann St. will be improved with an 18-foot paved road from Linhart Ave to the existing end of the road. Project includes new sidewalk on side streets as well as new driveway aprons and sod to be installed and roads rebuilt and paved. <i>Challenges:</i> installing new utilities in same location as existing utilities while continuing to provide service in existing facilities, providing continuous access for residents/pedestrians, and coordinating with nearby school, and unforeseen conditions relating to driveways and sewer connections not identified in previous as-builts.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> SCALAR is responsible for all the roadway items - many of the same items as the CR 452 project, including 2' widening, resurfacing, sidewalks, driveways, and curb and gutter. The coordination effort is also similar to the coordination effort that will be expected with the CR 452 project. Challenges with this project have included installing new driveway aprons in the same location as the existing while continuing to provide continuous access for the residents.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Bryan Johnson is a Senior Roadway Inspector for this project and will be the Senior Roadway Inspector on CR 452.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> 15th Street Beautification Project West Palm Beach, FL FIN: 431652-1-58-01 <u>Project Manager:</u> Khanh Uyen Dang, PE		<u>Project Owners Name & Address</u> City of West Palm Beach 401 Clematis St. West Palm Beach, FL 33401 (561) 822-1200
<u>Completion Date (Actual or Estimated)</u> Started 2015 and Completed 2016		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u> Khanh Uyen Dang, PE (561) 494-1087 kxanh.uyen-dang@wpb.org
<u>Estimated Cost (In Thousands)</u> Entire Project \$1.5 Million	Work for which firm was/is responsible \$1.5 Million	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> The scope of the project included milling and resurfacing, construction of bulb-outs, curbing and curb ramps, specialty pavement, bioswales, landscaping, trash receptacles, bike lane with acrylic coating and striping, along 0.94 mile stretch of 15th street from Australian Avenue to North Dixie Highway. This project was an FDOT LAP project.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Wanda Cordoba was the Resident Compliance Specialist for this project. Her role was to ensure the EEO/DBE/Payroll requirements were met. She uploaded all project related documentation to LAPIT throughout the life of the project and at closeout. Additionally, she ensured the contractor was registered with the FDOT's Equal Opportunity Compliance reporting system and updating the DBE payments.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Wanda Cordoba was the Resident Compliance Specialist for this project and will be the Resident Compliance Specialist for CR 452.		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Subconsultant - Ardaman & Associates SR 417 Widening from South of N. Econlockhatcee Trail to Orange/Seminole County Line Orange County, Florida <u>Project Manager:</u> Mr. Jason Parker P.E.		<u>Project Owners Name & Address</u> Central Florida Expressway Authority 4974 ORL Tower Road Orlando, FL 32807
<u>Completion Date (Actual or Estimated)</u> May 2020		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u>
Entire Project \$ 28.7 Million	Work for which firm was/is responsible \$ 128,600.00	Mr. Jack Burch, P.E. Jack.Burch@cfxway.com 407-690-5000
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> The 3.2 mile project added a travel lane in each direction, expanding the expressway from 4 to 6 lanes. The project also included the milling and resurfacing of approximately 45,000 tons of structural and FC asphalt, 29 drilled shaft foundations for overhead sign and truss structures, and bridge widening.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Ardaman provided VT inspection and laboratory testing services. Specifically, we provided source inspection during metal fabrication of the bridge girder, CWI inspection of the on-site field welds, VT drilled shaft inspection, VT asphalt plant inspection and IA asphalt roadway inspection. We also provided laboratory testing of concrete, embankment soils and roadway stabilized subgrade and base materials.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Jason Parker, P.E. - Project Manager Bruce Barnwell - Senior Laboratory Technician Steve Moreno - Drilled Shaft Inspector Linda Hunt - Asphalt Plant Inspector		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name & Location</u> Subconsultant - McKim & Creed FDOT District 7, US 19 (SR 55) from W Jump Court to W Fort Island Trail Crystal River, FL <u>Project Manager:</u> Scot Carpenter, PSM		<u>Project Owners Name & Address</u> FDOT District 7 11201 N. Malcolm McKinley Drive. Tampa, FL 33612. (813) 975-6398
<u>Completion Date (Actual or Estimated)</u> Dec 2018		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, & Telephone Number</u>
Entire Project \$ \$51.1 Million	Work for which firm was/is responsible \$ 100,000.00	Matt Lewis, PE, Senior Project Engineer AECOM Office: (813) 675-6767 Mobile: (813) 503-2239 Email: matt.lewis@aecom.com
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> This project includes widening US 19 from four lanes to six lanes between Jump Court and Fort Island Trail in Citrus County. A shared use path, sidewalks, and storm water ponds will also be constructed with this project. Construction is expected to finish in the fall of 2022		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> Mr. Carpenter served as project manager/project surveyor for this project consisting of the widening US 19 from W. Jump Court to W. Fort Island Trail from four lanes to six lanes in Citrus County and includes a shared use path, sidewalks and stormwater ponds. McKim & Creed's scope involved the recovery, verification and re-establishment of both alignment control reference points and project bench line and elevations on benchmarks. The team performed roadway check cross sections, specific area subsoil excavation topographic survey, specific area right-of-way staking and the placement of station boards on the right-of-way every 200 feet.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> Scot Carpenter Corey Maylone		



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

August 13, 2020

Aniruddha Gotmare, President
SCALAR CONSULTING GROUP INC.
4152 West Blue Heron Boulevard, Suite 119
Riviera Beach, Florida 33404

Dear Mr. Gotmare:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 4.2.2 - Major Bridge Design - Steel

Group 5 - Bridge Inspection

- 5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing
- 6.3.1 - Intelligent Transportation Systems Analysis and Design
- 6.3.2 - Intelligent Transportation Systems Implementation

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
- Group 13 - Planning
 - 13.5 - Subarea/Corridor Planning

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
166.34%	93.00%	0.607%	Excluded	No	2.06%	2.22%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

TAB D

Required Forms



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TRUTH IN NEGOTIATION CERTIFICATION

375-030-30
PROCUREMENT
05/14

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the Department of Transportation (Department) requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

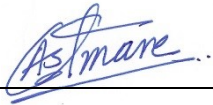
The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Department determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Department, whichever is later.

Scalar Consulting Group Inc.

Name of Consultant

By: _____



5/28/2021

Date

DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

In order to have a drug- free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program?

YES


NO

NAME OF BUSINESS: Scalar Consulting Group Inc.

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: Scalar Consulting Group Inc.

By: 

Date: 5/28/2021

Title: CEO & President

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

375-030-33
PROCUREMENT
10/01

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

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

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: Scalar Consulting Group Inc.

By: Aniruddha Gotmare, PE Date: 5/28/2021

Authorized Signature: 

Title: CEO & President

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
 PROCUREMENT
 02/16

Is this form applicable to your firm?
 YES NO
 If *no*, then please complete section 4
 below for "Prime"

N/A

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known:</i> Scalar Consulting Group Inc. 5713 Corporate Way, Suite 200 West Palm Beach, FL 33407 Congressional District, <i>if known:</i> 4c _____		5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, <i>if known:</i> _____
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, <i>if applicable:</i> _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____ _____ _____	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date (mm/dd/yyyy): _____	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

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

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

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

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

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

ATTACHMENT 10

PUBLIC ENTITY CRIMES FORM

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Wanda Cordoba, Notary Public
(print name of public entity)

By Aniruddha Gotmare, PE, President
(print individual's name and title)

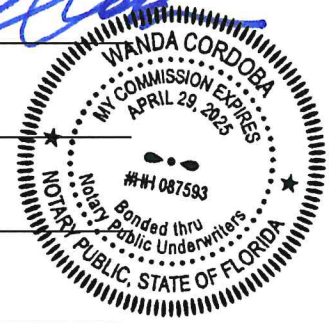
for Scalar Consulting Group Inc.
(print name of entity submitting sworn statement)

whose business address is _____

and (if applicable) its Federal Employer Identification Number (FEIN) is 45-1909667

(if the entity has not FEIN, include the Social Security Number of the individual signing this sworn statement: N/A.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and Involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PROFESSIONAL SERVICES COMMITMENT FORM

375-030-83
 PROCUREMENT
 02/20

Submit this form as required in the Request for Proposal or alternatively, at the time of Expanded Letter of Response is due:

Contract/Advertisement No.:	21920	Prime Consultant:	Scalar Consulting Group Inc.
Project Description:	CEI for the CR 452 Safety Improvements Project		

Expected percentage of contract fees to be utilized by DBE(s): 94 ____ %. (Combine DBE Prime and DBE subconsultants, if applicable).

Expected percentage of contract fees to be utilized by Non-DBE Small Businesses 6 ____ %. (Combine Non-DBE Small Business Prime and Non-DBE Small Business subconsultants, if applicable).

The proposed Prime and subconsultants/subvendors' work is as follows:

Prime	<u>Type of Work</u> <small>(List each type of work separately, only one type of work per line)</small>	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business
Scalar Consulting Group Inc.	10.1	88	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	10.3	5			
	3.1	1			
	Choose an item.				
	Choose an item.				
	Choose an item.				
	Choose an item.				

Subconsultant/Subvendor	<u>Type of Work</u> <small>(List each type of work separately, only one type of work per line)</small>	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business
ARDAMAN & ASSOCIATES, INC	9.3	5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MCKIM & CREED, INC.	8.2	1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**Scalar has No Exceptions to this Request for
Statement of Qualifications**