



INVITATION TO BID

A RPQ has been issued for the work identified below. If you are interested in submitting a bid for this project, please submit your bid via Sealed Envelopes, attention to Office of the Clerk of the Board at 111 NW 1st ST, 17th Floor, Miami, FL 33128 - Clerk of the Board Office no later than 6/26/2024 at 02:00 PM. If you have any questions, contact Marco Movilla at (305) 375-3267.

This RPQ is issued under the terms and conditions of the Miscellaneous Construction Contracts (MCC) Program MCC 7360 Plan.

RPQ DETAILED BREAKDOWN

Bid Due Date:	6/26/2024	Time Due:	02:00 PM	Submitted Via:	Sealed Envelopes	SBE-Con. Level:	N/A
Estimated Value:	\$3,933,000 (excluding Contingencies and Dedicated Allowances)						
Project Name:	Traction Power Switchgear Replacement Project Phase IV						
Project Location:	Various Locations						
License Requirements:	Primary:	Electrical Contractor; General Building Contractor; General Engineering					
Scope of Work:	<p>(Contractor must obtain and submit all permits prior to performing any work). (Contractor must obtain and submit all permits prior to performing and work) This project is for the upgrade and replacement of the existing Department of Transportation and Public Works' (DTPW) Traction Power Substations Direct Circuit (DC) Switchgear, Annunciator, Supervisory Control Interface Terminal Cabinet (SCITC) panels and the upgrade of the Supervisory Control and Data Acquisition (SCADA) System at Three (3) Traction Power Substations and one (1) Gap tie Substation, listed as:</p> <ol style="list-style-type: none"> 1) Gap Tie 1 (GT1) 2) Vizcaya (VIZ) 3) Coconut Grove (CGV) 4) Douglas Road (DRD) <p>All hardware and software necessary to convert to fiber as well as programming services is to be supplied by the Contractor. The latest PLC software is to be installed on the PLCs installed under this contract.</p>						
Document Pickup:	Contact:	DTPW Capital Improvements Division	Phone No:	(305) 375-2930	Date:	5/23/2024	
	Location:	111 NW 1st Street, Suite# 1410, Miami, FL 33128					
Pre-Bid Meeting::	YES	Mandatory:	YES	Date:	6/5/2024	Time:	10:00 AM
	Location:	(See note below)					
Site Meeting:	YES	Mandatory:	YES	Date:	6/5/2024	Time:	10:00 AM
	Location:	(See note below)					
Bid shall be submitted to:	Contact:	Office of the Clerk of the Board					
	Address:	111 NW 1st ST, 17th Floor, Miami, FL 33128 - Clerk of the Board Office					
	Email:	Clerkbcc@miamidade.gov			FAX # :	305-375-2931	
Type of Contract:	Single Trade		Method of Award:	Lowest Responsible Bidder			
Method of Payment:	Scheduled Monthly Payments		Insurance Required:	YES			
Additional Insurance Required:	YES	If Yes - Minimum Coverage:	\$1,000,000.00				
Performance & Payment Bond Required:	YES		Bid Bond Required:	YES			
Prevailing Wage Rate Required:	Building Construction	Davis Bacon:	NO	Maintenance Wages:	NO	AIPP:	NO
		Amount:					
SBE-Con. Requirements:	NO	Percentage:	0.00%	SBD Certificate of Assurance Form Required:	NO		
DBE Participation:	NO	Percentage:	0.00%	DBE Subcontractor Forms Required:	NO		
CWP Requirements:	YES	Percentage:	10.00%				
SBE-S Requirements	NO	Percentage:	0.00%				
SBE-G Requirements	NO	Percentage:	0.00%				
Liquidated Damages:	YES	\$\$ Per Day:	\$2,143.22				
Trade Set-a-side:	NO	If Yes, Trade =					
For RPQ's less than \$10,000, if no LD rate is specified, the County reserves the right to assess actual damages in lieu of LDs.							
Design Drawing Included:	YES	Shop Drawing Included:	NO	Specifications Included:	YES		
Anticipated Start Date:	9/18/2024		Calendar Days for Project Completion:	730			
Comments:	<p>EMPLOY MIAMI-DADE PROGRAM In accordance with Section 5.02 of the Miami-Dade County Home Rule Amendment and Charter, Section 2-8.1 of the Code of Miami-Dade County, and Administrative Order No. 3-63, all contractors and subcontractors of any tier on (i) construction contracts valued in excess of one million dollars (\$1,000,000) for the construction, demolition, alteration and/or repair of public buildings, or public works; or (ii) contracts or leases valued in excess of one million dollars (\$1,000,000) for privately funded construction, demolition, alteration or repair of buildings, or improvements on County-owned land. The awarded Contractor is hereby notified that the County will consider whether the Contractor made its best reasonable efforts to promote Employ Miami-Dade on this contract, as defined in A.O. 3-63, as part of the County's evaluation and responsibility review of the Contractor for new County contract</p> <p>RESIDENTS FIRST TRAINING AND EMPLOYMENT PROGRAM In accordance with Section 2-11.17 of the Code of Miami-Dade County and Implementing Order No. 3-61, all contractors and subcontractors of any tier on (i) construction contracts valued in excess of \$1 million for the construction, demolition, alteration and/or repair of public buildings, or public works; or (ii) contracts or leases valued in excess of \$1 million for privately funded construction, demolition, alteration or repair of buildings, or improvements on County-owned land shall comply with the following: (i) prior to working on the project, all persons employed by the contractor or subcontractor on the project to perform construction have completed the OSHA 10-hour safety training course, and (ii) the contractor will make its best reasonable efforts to have 51% of all construction labor hours performed by Miami-Dade County residents.</p> <p>Pursuant to Section 2-8.10 of the Code of Miami-Dade County, this Contract is subject to a user access fee under the County's User Access Program (UAP) in the amount of two percent (2%). All construction services provided under this contract are subject to the 2% UAP. This fee applies to all Contract usage whether by County Departments or by any other governmental, quasi-governmental or not-for-profit entity. From every payment made to the Contractor under this contract (including the payment of retainage), the County will deduct the two percent (2%) UAP fee provided in the ordinance and the Contractor will accept such reduced amount as full compensation for any and all deliverables under the contract. The County shall retain the 2% UAP for use by the County to help defray the cost of its procurement program. Contractor participation in this pay request reduction portion of the UAP is mandatory.</p> <p>Provided, however, UAP shall not be applicable for total contract values, inclusive of contingency and allowance accounts, of less than five hundred thousand dollars (\$500,000.00).</p> <p>COMMUNITY WORKFORCE PROGRAM</p>						

Prior to entering into a contract and according to the Miami-Dade County Code §2-1701 and amended by Ordinance 13-66, the successful bidder on a construction contract subject to a Community Workforce Program (CWP) goal, must submit to the Office of Small Business Development through the contracting officer a workforce plan outlining how the CWP goal will be met. Additional information is available at the County's website at <http://www.miamidade.gov/business/contract-requirements.asp#0>.

Contractor must submit a Workforce Plan to the Miami-Dade County Office of Small Business Development within fifteen (15) days of notification of award of the contract. The County will not enter into the contract until it receives the contractor's Workforce Plan and deems the Plan acceptable. The Workforce Plan forms may be obtained on the County's website at <http://www.miamidade.gov/business/contract-requirements.asp#0>.

A. LICENSE REQUIREMENTS:

A. All Contractors must hold a current valid Certificate of Competency for Electrical Contractor, as required by the Florida Building Code, for the types of Work covered by the Contract at the time of RPQ submission and maintain same throughout the duration of the project. The certificate(s) is to be issued by:

1. The State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115 of the Florida Statute and registered with the Miami-Dade County, Building Department or,
2. The Dade County Construction Trades Qualifying Board, pursuant to the provisions of Section 10-3(a) of the County Code. Holders of Miami-Dade County Certificates of Competency must also hold Certificates of Registration issued by the State of Florida Construction Licensing Board, pursuant to the provisions of Section 489.115 or Section 489.117 of the Florida Statutes.

B. Proof of such Certificate(s) must be submitted at the time of initial response and maintained current throughout the contract period. The County may request proof of continued certification at any time during the contract period. Failure to provide such proof within five (5) working days from notification by the County shall result in the removal from the contract and the rejection of any current or future RPQ bid submissions.

Subsequent to the commencement of the Contract, Miami-Dade County may require specific qualifications based on a Project's scope of work. Such requirements will be included within the Request for Price Quotation.

B. EXPERIENCE REQUIREMENTS:

This project requires specialized equipment and license requirements to include a State of Florida Electrical Contractor. The project is considered a closed and interconnected system, which requires that the work be completed by the same Contractor.

The Contractor must be able to pull in a Master Permit. In addition, the Contractor is required to have a minimum of three years of experience with AC and DC Traction Power Systems in a Transit environment including Power Cables and Fiber Optic installation, termination and testing, equipment installation, testing and commissioning for revenue service; have previously worked on Traction Power SCADA systems; configured Siemens PLC CPUs and Siemens Input/output modules; verified PROFIBUS communications between PLC and Sitras Pro DC Protective Relays; programmed Siemens Scalance Network Switches; programmed Siemens ladder logic, software blocks and hardware tables; and worked with a Test Plan to verify all commands and indications at Central Control.

Additional Qualifications:

- 1) Electrical Contractor (Primary)
- 2) A minimum of 3 years of experience with AC and DC Traction Power Systems in a Transit environment including cabling, installation, testing and commissioning for revenue service.
- 3) Previously worked on 700 VDC Switchgear.
- 4) Previously worked on Traction Power SCADA systems.
- 5) Configured Siemens PLC CPUs and Siemens Input/output modules.
- 6) Verify PROFIBUS communications between PLC and Sitras Pro DC Protective Relays.
- 7) Programmed Siemens Scalance Network Switches.
- 8) Programmed Siemens ladder logic, software blocks and hardware tables.
- 9) Work with a Test Plan to verify all commands and indications at Central Control.
- 10) Fiber optics installation, termination, and testing.

C. INDEMNIFICATION AND INSURANCE REQUIREMENTS:

The Contractor shall furnish to Department of Transportation and Public Works, 111 NW 1 Street, Miami Florida 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

A. Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.

B. Commercial General Liability Insurance in an amount not less than \$1,000,000 per occurrence, and \$2,000,000 in the aggregate, not to exclude Explosion Collapse and Underground Hazards and Products & Completed Operations. Miami-Dade County must be shown as an additional insured with respect to this coverage.

C. Automobile Liability Insurance covering all owned, non-owned and hired vehicles, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

D. Umbrella Liability Insurance in an amount not less than \$3,000,000 per occurrence, and \$3,000,000 in the aggregate.

a. If Excess Liability is provided must be follow form of the General Liability coverage.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida" issued by the State of Florida Department of Financial Services.

D. BID DOCUMENTS:

Bidding documents may be purchased from the Department of Transportation and Public Works, Capital Improvements Division, 111 NW 1st Street, 14th Floor, Miami, Florida 33128 for a non-refundable fee of One Hundred Dollars (\$ 100.00) per each complete set of documents. Payment shall be in the form of a company check, cashier's check, or money order payable to the "Department of Transportation and Public Works." Bid Documents can also be downloaded for free at the following link:

<https://www.miamidade.gov/apps/isd/StratProc/Home/CurrentSolicitations>, and the project number TP-0000021555

E. ADDENDUMS - RFI'S:

All RFI requests should be e-mailed to marco.movilla@miamidade.gov while copying the Clerk of the Board (clerkbcc@miamidade.gov).

Addendums and requests for information (RFI) will be sent to contractors who pick up documents at 111 NW 1st Street. Contractors who wish to download the solicitation and contract documents will be responsible for downloading the Addendums and RFI's. All Addendums, RFI's, and the document holders list (bidder's list) are available to view online at the following web address:

<https://www.miamidade.gov/apps/isd/StratProc/Home/CurrentSolicitations>

The Department will only be sending addendums and RFI's by e-mail and posting online at the aforementioned link. The bidders list will be updated every Friday during the advertising phase of the contract. Please be aware that acknowledgment of receipt of all addendums and RFI's remain a requirement when submitting bids.

F. VENDOR REGISTRATION:

Due to the new Vendor Registration procedures of Miami-Dade County, updated definitions along with the "Affirmation of Vendor Affidavits" have been added to the Bid Submittal Package. The successful bidder must be registered under this new procedure prior to the award.

G. PRE-BID MEETING AND SITE VISIT MEETING:

Pre-Bid Meeting and Site Visit Meeting will be held on Wednesday, 10:00 A.M., June 5th, 2024, at the following different locations: Douglas Road (DRD) 110 Ruiz Ave, Vizcaya (VIZ), 3205 SW 1st Avenue, Coconut Grove (CGV) 2880 SW 28th Ln., and Gap Tie 1 (GT1), S. Miami Ave at SW 19th Rd.

Site Visit will be held immediately after the Pre-Bid meeting.

Additional site visit meetings may be scheduled based on the number of RSVPs received. If additional site visit meetings are scheduled, DTPW will notify the prospective bidders in writing.

H. BID SUBMITTAL DUE DATE:

Bid Submittal Time and Location: Wednesday, 2:00 P.M., June 26th, 2024, at 111 NW 1 Street, 17th Floor, Clerk of the Board Office
Bid Opening immediately after Bid Submittal in the 18 Floor.

DISCLOSURE:

- Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Contractor shall furnish to **Department of Transportation and Public Works, Capital Improvements Division, 111 NW 1st Street, Suite 1410, Miami FL 33128**. Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A.** Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.
 - a. If applicable should include coverage required under the U.S. Longshoremen and Harbor Workers' Act (USL&H) and/or Jones Act for any activities on or about navigable water.
- B.** Commercial General Liability in an amount not less than \$1,000,000 per occurrence, and \$2,000,000 in the aggregate. Miami-Dade County must be shown as an additional insured with respect to this coverage.
- C.** Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

*Under no circumstances are Contractors permitted on the Aviation Department, Aircraft Operating Airside (A.O.A) at Miami International Airport without increasing automobile coverage to \$5 million. Only vehicles owned or leased by a company will be authorized. \$1 million limit applies at all other airports.

- 7360 RPQs are NOT SBE-Con 100% Set-aside solicitation, however the RPQ may be assigned a SBE-Con Trade set-aside and goal. The SBE-Con Trade-aside and goal if applicable will be stipulated on the RPQ and the Invitation to Bid or in the Project's Solicitation Documents.
- All Prime Contractors submitting a bid for RPQ/Project with a Small Business Measures (s) MUST submit the Small Business Development "CERTIFICATE OF ASSURANCE" form properly completed, signed and notarized with their bid document at the time of Bid Submittal. FAILURE TO SUBMIT THE REQUIRED CERTIFICATE OF ASSURANCE FORM AT THE TIME OF BID SUBMISSION SHALL RENDER THE BID NON COMPLIANT TO THE CONTRACT REQUIREMENT AND SECTION 10.33.02 OF THE CODE OF MIAMI-DADE COUNTY.
- 7360 RPQs Federally Funded may be subject to the Disadvantaged Business Enterprise (DBE) Program. The DBE goal will be stipulated on the RPQ and the Invitation to Bid or in the Project's Solicitation Documents.
- 7040 and 7360 RPQs with an estimated project value in excess of \$700,000.00 may be assigned a Small Business Enterprise Goods (SBE-G) or Small Business Services (SBE-S) program goal. The SBE-G or SBE-S goal if applicable will be stipulated on the RPQ and the Invitation to Bid or in the Project's Solicitation Documents.
- All RPQs with an estimated project value \$100,000 or above are subject to Responsible Wage Rates. The wage rate will be stipulated on the RPQ and the Invitation to Bid or in the Project's Solicitation Documents.
- All Projects, where price (Proposals/Bids) received are in excess of \$200,000 will require the submission of the Payment and Performance Bond as required by State of Florida Statute.

VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY):

By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection.