

Date: September 24, 2014

To: Gary T. Hartfield, Director
Small Business Development Division (SBD)
Internal Services Department

From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Public Works and Waste Management
Department (PWWM)

Subject: Notice of Construction Project:
Project No. CMJPA-2014.01
Joint Participation Agreement (JPA) between
Miami-Dade County and the City of Miami
along NE 2 Ave from NE 42 Street to NE 51
Street

RECOMMENDATION

PWWM's Capital Improvements staff completed the review of the subject JPA in accordance with the applicable provisions of Implementing Order 3-22. Please review and approve the resulting Community Small Business Enterprise (CSBE) Subcontractor goal. Attached is the Project Measure Analysis and Recommendation along with other supporting documentation.

Scope of Work:	Road construction including stormwater system improvements, signalization, pavement markings and signage, landscaping, sidewalks, curb and gutters.
Engineer Project Base Cost Estimate:	\$3,855,501
CSBE Measure:	15.86%, equivalent to an estimated \$611,412.00
CWP Goal:	As applicable

BACKGROUND

This JPA between Miami-Dade County and the City of Miami facilitate the construction of a road improvement project in Miami-Dade County. Work under this Contract will include the following: Furnishing all supervision, labor, materials, equipment, tools and performing all operations necessary for road construction; including stormwater system improvements, signalization, pavement markings and signage, landscaping sidewalk, curb and gutters.

The City of Miami shall procure the services of a licensed contractor holding an engineering contractor's license to construct the Project. The City of Miami shall also comply with all applicable County contract compliance and oversight measures relating to the expenditure of County funds in accordance with Section 6 of the attached JPA.

Prior to the advertisement to solicit a licensed contractor to construct the Project, the City of Miami will contact PWWM's Capital Improvements Section to confirm compliance.

If any additional information is needed, please call me at (305) 375-2093, or James Ferreira at (305) 375-3267.

AM/jf

Attachments (2)

C: Laurie Johnson, ISD/SBD
Alice Hidalgo-Gato, ISD/SBD
Vivian Forhat-Díaz, ISD/SBD
Bassam Moubayed, PWWM
Javier Heredia, P.E., PWWM
Eric Steinberg, PWWM
Alfredo Muñoz, P.E., PWWM
James Ferreira, P.E., PWWM
Hector Badia, City of Miami
Dianah Coakley, PWWM
File

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

To: Gary Hartfield, Division Director
Small Business Development Division (SBD)
Internal Services Department

From: Alejandro Martinez-Estevez, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department (PWWM)

Date: Wednesday, September 24, 2014

CONTRACT INFORMATION

JPA No.: CMJPA-2014.01

JPA Title: JPA between Miami-Dade County and the City of Miami for Roadway Improvement at NE 2 Avenue from NE 42 Street to NE 51 Street

JPA Number: CMJPA-2014.01

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 1610 / 237310 - Construction – Highway, Street & Bridge Construction

Estimated Project Base Cost: \$3,855,501

Funding Source: People's Transportation Plan

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

PROJECT INFORMATION

Scope of Work

- A. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents. Work includes construction of stormwater systems, sidewalks, curbs and gutters, removal and disposal of various existing pavements, the grading and preparation of subgrade, removal and relocation of existing trees, tree roots, debris, clearing and grubbing; adjustment of existing utility valve covers to new finished grade; sodding, signalization, and signage.

JPA No.: CMJPA-2014.01
JPA Title: Road Improvement: NE 2 Avenue from NE 42 Street to NE 51 Street

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida (the County), Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in engineering crafts to include paving engineering work. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering specialty for which certified.

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the contract documents. Contractors seeking consideration under this paragraph shall submit along with the bid documents for review and consideration, current copy(ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and status of Contracts On Hand. Acceptable FDOT qualification(s) necessary to perform the work specified in the project's scope of work shall include Flexible Paving Work Class.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by PWWM for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

County Road Construction Projects – no permits issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

Roadway Lighting:

Miami-Dade County Contractor's Certificate of Competency for the Sub-Contractor is required in one of the following categories: Electrical or other categories as applicable to Chapter 10 of Miami-Dade County Code.

Roadway Lighting Contractor Licenses, Certifications, and General Regulations

General:

Contractor must have the following license(s)/certification(s) and must abide by the general requirements as set forth by PWWM to be qualified to perform Roadway Lighting Constructions/repairs, and/or maintenance activities in the County.

Contractor License:

1. Miami-Dade County Master Electrical Contractor License; or
2. State of Florida Certified Electrical Contractor License

In addition to the above license(s), any Contractor who is engaged in installing, modifying, repairing, or maintaining the Roadway Street Light System in the County shall have all work performed under the supervision of an individual possessing a Certificate of Competency as a Master Electrician.

This individual must be on the job site or able to respond within four (4) hours of notification of any problem or emergency which may arise.

Roadway Lighting Contractor Licenses, Certifications, and General Regulations

Employee License(s), Certifications, and Requirements:

A Journeyman Electrician shall be present on the job site (each location) to supervise at all times the work in progress.

All Contractor employees engaged in working within the Public Right-of-Way shall possess an approved and valid FDOT Maintenance of Traffic (MOT) certification. Additionally, all persons performing flagging operations shall have, as a minimum, an approved and valid FDOT Flagging certification. The Contractor shall sign an affidavit with PWWM affirming that the Contractor and their employees have the proper and valid licenses and certification on each contract (County, State, Private or other Government Agency), prior to start of work. As needs occur, due to license(s) and certification(s) expiration and/or changes in personnel, the Contractor is required to submit the new documents to PWWM immediately.

Traffic Signalization:

Miami-Dade County Contractor's Certificate of Competency for the Sub-Contractor is required in one of the following categories: Electrical Contractor or Specialty Electrical Contractor, or other categories as applicable to Chapter 10 of the Miami-Dade County Code.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by PWWM for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

TRAFFIC SIGNAL CONTRACTOR LICENSES, CERTIFICATIONS and GENERAL REGULATIONS

GENERAL:

Every Traffic Signal Contractor must have the following license(s), certifications, and must abide by the general requirements as set forth by PWWM to be qualified to perform traffic signal installations, repairs, and/or maintenance activities in the County on any traffic signalization and/or flasher installation:

CONTRACTOR LICENSE:

1. Miami-Dade County Master Electrical Contractor License; or
2. State of Florida Certified Electrical Contractor License; or
3. Miami-Dade County Electrical Utility Contractor License; or
4. State of Florida Electrical Utility Contractor License

EMPLOYEE LICENSE(S), CERTIFICATIONS and REQUIREMENTS:

In addition to the above license(s), any Traffic Signal Contractor who is engaged in installing, modifying, repairing, or maintaining traffic signalizations in the County shall have all work performed under the supervision of an individual possessing a Certificate of Competency as a Master Electrician, and a technician certified by the International Municipal Signal Association (IMSA) as a Traffic Signal Technician Level II.

Either individual must be on the job site or able to respond within four (4) hours of notification of any problem or emergency which may arise.

A Journeyman Electrician or a technician certified by the IMSA as a Traffic Signal Technician Level I shall be present on the job site (each location) to supervise at all times the traffic signalization work in progress.

All Traffic Signal Contractor employees engaged in working within the Public Right-of-Way shall possess an approved and valid FDOT MOT certification. Additionally, all persons performing Flagging operations shall have, as a minimum, an approved and valid FDOT Flagging certification.

The Traffic Signal Contractor shall provide the PWWM Traffic Signal and Signs Division (TS&S), 7100 NW 36 Street, Miami, FL 33166, a copy of all of the above licenses and certifications for their company and employees, including a list of their employees who they are planning on using on each project.

The Contractor shall sign an affidavit with PWWM affirming that the Contractor and their employees have the proper and valid licenses and certification on each contract (County, State, Private or other Government Agency), prior to start of work.

The Contractor shall not be required to resubmit copies of licenses and certifications

once submitted to PWWM as long as they remain valid. As needs occur, due to license(s) and certification(s) expiration and/or changes in personnel, the Contractor is required to submit the new documents to PWWM immediately. All Traffic Signal Contractor employees working within the Public Right-of-Way shall have in their possession a wallet size card or a photocopy of their certification(s) or license(s), at all times. Failure to provide said document(s) shall be cause for removal of employee(s) from the work site, issuance of citation(s) and/or shutdown of work by the County.

Pavement Markings and Signage

The work under pavement markings and signage (Thermoplastic traffic stripes and markings) consists of placing traffic stripes and markings using a material of the type that is extruded onto the pavement surface in a molten state by mechanical means, with surface application of glass spheres. Upon cooling to normal pavement temperature these materials shall produce an adherent reflectorized pavement marking of specified thickness and width, and be capable of resisting deformation by traffic.

RECOMMENDATION

PWWM Areas for Possible Measures: Concrete, Pavement Marking and Signage, Sodding and Tree location, and Electrical: Lighting

PWWM Areas recommended for CSBE Subcontractor Goal: Concrete, Pavement Marking and Signage, Sodding and Tree Relocation

Contract Measure Recommendation:

- No Measure
- Set-Aside:

Level I	Level II	Level III
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- Trade Set-Aside(s):
- Aggregate Set-Aside
- CSBE Subcontractor Goal: **15.86%**
 - Concrete – 8.98%
 - Sodding and Tree Relocation – 4.54%
 - Pavement Marking and Signage – 2.34%
- CWP: As Applicable
- DBE Subcontractor Goal: Not Applicable

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Reason for Recommendation: The recommendations are based on the information provided in the attached cost estimate which is provided in accordance with the Miami-Dade County Code.

CSBE Prime History of similar Contracts/Projects for previous Three (3) years: None

Scope of Work History Summary – Subcontracting Opportunities: None

Similar Projects previously submitted for SBD Action: Yes: CVGJPA-2014.01

CSBE Goal / Project No. / Amount achieved: None

MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Project Description
PWD PROJECT No. 20040388

DATE: 9/12/2014

ITEM	COST ESTIMATE	TOTAL JOB (%)
GENERAL CONSTRUCTION OPERATIONS	404,875	10.50%
CONTROL OF EROSION & WATER POLLUTION	28,418	0.74%
CLEARING & GRUBBING	361,682	9.38%
EARTHWORK	410,336	10.64%
REMOVAL OF SOLID WASTE MATERIAL	0	0.00%
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT	544,506	14.12%
DRAINAGE STRUCTURES & PIPES	814,058	21.11%
CONCRETE	346,303	8.98%
GUARDRAIL & FENCE	-	
SODDING & TREE RELOCATION	174,882	4.54%
IRRIGATION	-	
SIGNALIZATION	-	
PAVEMENT MARKING & SIGNAGE	90,228	2.34%
LIGHTING	680,214	17.64%
BRIDGE	-	0.00%
BASE ESTIMATED COST	3,855,501	100.00%
CONTINGENCY FUND (10%)	385,550	
SUBTOTAL	4,241,051	
MAINTENANCE OF TRAFFIC (MOT)(2%)	77,110	
OFF DUTY LAW ENFORCEMENT OFFICER	108,000	
BITUMINOUS MATERIAL ADJUSTMENT	15,000	
PWD PERMIT ALLOWANCES	10,000	
FPL CONNECTION ALLOWANCE	1,500	
GRAND TOTAL	\$ 4,452,661	