

Date: May 20, 2016

To: Gary Hartfield, Division Director
Internal Service Department
Small Business Development Division

From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Department of Transportation and Public Works

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts: MCC 7360
Plan - CICC 7360-0/08 - Request for Price
Quotation (RPQ) No.20160143
Intersection Improvement Contract

RECOMMENDATION

Departmental Contracts Measure Recommendation: Trade Set Aside for Traffic Stripes and Markings: Painted and/or Thermoplastic and Concrete; sidewalk and /or curb and gutter.

Engineer's Opinion of Probable Costs: \$ 997,188.61

Community Workforce Program (CWP): 10%

Project Locations: Various Locations

Reviewed by Small Business Development Target (SBD) Construction Manager: Yes

BACKGROUND

Under the direction of the DTPW, improvements are being made to enhance pedestrian safety and accessibility at some of the busiest intersections in Miami-Dade County.

Enhanced pavement markings for pedestrian crosswalks, wheelchair ramps, pedestrian signals, traffic signal relocations, improved traffic signal timing and new signs at many of the intersections are among the upgrades now in place.

Types of improvements include, but are not limited to widening to allow for an additional lane, relocation for better turning movements, site distance improvements, and safety improvements. Construction of new drainage systems to include new French drains and catch basins.

The changes to these intersections are designed to better integrate motorist and pedestrian activity and to reduce the speed of traffic at intersections where pedestrians cross.

If any additional information is needed, please call me at (305) 375-5320, or Alicia Arce at (305) 375-2930.

Attachments (2)
AA/aa

cc: Laurie Johnson, ISD
Caesar Suarez, ISD
Marcia Martin, ISD
Dianah Coakley, PWWM

Bassam Moubayed, PWWM
Joaquin Rabassa, P.E., PWWM
Alicia Arce, PWWM
Project File

**Department of Transportation and Public Works Input
Contract/Project Measure Analysis and Recommendation**

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 20160143

*Reference corresponding project number when submitting a work order

Contract/Project Title: Intersection Improvements Contract

Description/Scope of Work: See Attached

Estimated Cost: \$997,188.61 **Funding Source:** RIF

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Various Locations.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

| Trade/Skills Required | Est. # of workforce required per trade | Est. # of total days to complete job |
|-----------------------|--|--------------------------------------|
| Supervisor | 2 | 450 |
| Foremen | 2 | 450 |
| Operator | 1 | 450 |

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

| Sub-Trade | Est. Cost | % of Item to Base Bid | Availability |
|------------------------|---------------|-----------------------|--------------|
| Paving Markings | \$ 44,393.00 | % 5.00 | |
| Concrete | \$ 152,400.00 | % 17.6 | |
| | \$ | % | |

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: PWWM suggests the following contract measure recommendation: TRADE Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic and Concrete: Sidewalk and/or Curb and Gutter, including American with Disabilities (ADA) items. CSBE availability and Geocode revealed construction work to be performed is within a Designated Target Area (DTA)

Date submitted to DBD: 05-20-2016

Contact Person: Alicia Arce or Alejandro Martinez-Estevez

Telephone No.: 305-375-1363

**Department of Transportation and Public Works Input
Contract/Project Measure Analysis and Recommendation**

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 201600143

*Reference corresponding project number when submitting a work order

Contract/Project Title: Intersection Improvements Contract

Description/Scope of Work: See Attached

Estimated Cost: \$ 997,188.61 **Funding Source:** RIF

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.

Various, please see attached

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

| Trade/Skills Required | Est. # of workforce required per trade | Est. # of total days to complete job |
|-----------------------|--|--------------------------------------|
| Laborers | 6 | 450 |
| | | |
| | | |

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

| Sub-Trade | Est. Cost | % of Item to Base Bid | Availability |
|-----------|-----------|-----------------------|--------------|
| | \$ | % | |
| | \$ | % | |
| | \$ | % | |

RECOMMENDATION

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Basis for Recommendation: CSBE availability and Geocode revealed construction work to be performed is within a Designated Target Area (DTA)

Date submitted to DBD: 5-20-2016

Contact Person: Alicia Arce or Alejandro Martinez-Estevez
Telephone No.: 305-375-1363

**Department of Transportation and Public Works Input
Contract/Project Measure Analysis and Recommendation**

To: Gary Hartfield, Division Director
Internal Service Department
Small Business Development Division

From: Alicia Arce
Engineer II
Department of Transportation and Public Works

Date: Friday, May 20, 2016

Department: Department of Transportation and Public Works

Contract Type: Intersection Improvements

Single Trade-Roadway Improvements

Request for Price Quotation (RPQ) No.: 20160143

Re-submittal: Yes; Previous Review Committee (RC) Submittal Dates

No

Project Title: Intersection Improvements Contract

Standard Industrial Code (SIC): 16-Highway and Street Construction

Estimated Project Cost: \$ 997,188.61

Funding Source: RIF

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

Method of Award: Line Item

**Department of Transportation and Public Works Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 20160143

RPQ Title: Intersection Improvements Contract

Detailed Scope of Work:

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.

- A. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations necessary for Intersection Improvements.
- B. Work includes but is not limited to, the following: Construction of Asphaltic Concrete Road base and surface; pavement removal; pavement milling; pavement markings; signage; drainage; sidewalks; concrete curb and gutter; and traffic calming devices. Incidental items required for areas such as street light, traffic signal installation, etc. may be added to this Contract.
- C. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- D. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

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 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 Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. 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 Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

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

Permits that are issued by the Public Works Department, Miami-Dade County 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.

**Department of Transportation and Public Works Input
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RPQ No.: 201600143

RPQ Title: Intersection Improvements Contract

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.

DTPW Areas for possible measures:

Pavement Marking and Signage and Concrete Work

DTPW Areas recommended for CSBE Subcontractor Goal:

Pavement Marking and Signage and Concrete Work

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
 - Traffic Stripes and Markings: Painted and/or Thermoplastic
 - Concrete: Sidewalk and/or Curb and Gutter, including American with Disabilities (ADA) items.
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- CWP: Some Work Order locations may be located in a DTA
 - Page 1 through 2 of 10
- DBE Subcontractor Goal

**Department of Transportation and Public Works Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 20160143

RPQ Title: Intersection Improvements Contract

Reason for Recommendation:

This is a single trade project; none of the primary trade related work can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work required to complete this project which may be subcontracted. Ancillary work includes all categories listed under "Areas for possible measures." All areas to be subcontracted require special licenses and/or certifications. Also, some categories of work are highly specialized and require special, heavy machinery and/or equipment that are typically owned and/or leased by the contractor.

This is a Work Order generated project for which estimated quantities are established for line items utilized during construction instead of estimated dollar amounts. The aforementioned ancillary work may be minimal for each work order and may or may not be required on all work order locations identified during Contract duration.

Comments:

The work orders for the contract have identifiable opportunities for a Trade Set-Aside. The types of opportunities provided are appropriate for applying a Trade Set-Aside; and, effective competition exists in that three or more CSBEs appear to be available to perform in the recommended specialty trade area within SIC 17. The awarded Contractor and SBD shall verify with the user department the scope of work, dollar value and percentage of work achieved for CSBE participation on each Work Order upon expiration of the Contract.

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (DTPW/SBD):

Not Applicable

Areas used to meet subcontractor goal (Awarded Contractor):

Not Applicable

Similar Projects previously submitted for RC Action:

20140206

CSBE Goal / Project No. / Amount achieved:

Trade Set-Aside / 20140206

APPENDIX "C"

LOCATION OF WORK

The location(s) of the Work to be performed under the terms of this Contract are:

1. SW 152 Avenue and SW 104 Street
2. SW 147 Avenue and SW 104 Street
3. SW 57 Avenue from SW 74 Street to SW 72 Avenue
4. SW 100 Street from SW 79 Avenue to SW 77 Avenue