

Date: October 22, 2015

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

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

Subject: Notice of Construction Project:
Capital Project No. 20150169
Roadway Improvements to SW 328th Street From
US-1 to SW 162nd Avenue

RECOMMENDATION

The Department's Capital Improvements staff completed the review of the subject RPQ in accordance with the applicable provisions of Implementing Order 3-22 and recommends a Small Business Enterprise - Construction (SBE-CONST) measure. A Community Workforce Program (CWP) goal, if applicable, is to be determined by Small Business Development.

Scope of Work:	Multiple Trade – Roadway Improvements
Engineer Project Base Cost Estimate:	\$8,971,024.00
Measure/Set Aside:	19%
CWP:	As Applicable

SCOPE OF WORK

The work includes but is not limited to the following: Furnishing all supervision, materials, equipment, tools and performing all operations necessary for roadway improvements to SW 328th Street from US-1 to SW 162nd Avenue. The work consists of widening the existing roadway from two (2) to four (4) lanes with a raised median, sidewalks, curb & gutter, bicycle facilities, continuous storm drainage system, signalization, pavement markings & signing, and decorative lighting.

Should you require any additional information, please call me at (305) 375-2097, or Jean Bernard Philippeaux at (305) 375-3547.

Attachments (2)

AM/jbp

cc: Laurie Johnson, ISD/SBD
Ruth Castellanos, ISD
Alfredo Muñoz, P.E., DTPW
Bassam Moubayed, DTPW
Lana Moorey, P.E., DTPW
Leandro Ona, P.E., DTPW
Dianah Coakley, DTPW
File

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

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

Date: Thursday, October 22, 2015



CONTRACT INFORMATION

Contract Type: Capital: Multiple Trade – Roadway Improvements

Request for Price Quotation (RPQ) No: 20150169

RPQ Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 2379 / 237990 – Heavy and Civil Engineering Construction

Estimated Project Cost: \$8,971,024

Funding Source: Road Impact Fee

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

Method of Award: Line Item

PROJECT INFORMATION

Scope of Work

The work includes but is not limited to the following: Furnishing all supervision, materials, equipment, tools and performing all operations necessary for roadway improvements to SW 328th Street from US-1 to SW 162nd Avenue. The work consists of widening the existing roadway from two (2) to four (4) lanes with a raised median, sidewalks, curb & gutter, bicycle facilities, continuous storm drainage system, signalization, pavement markings & signing, and decorative lighting.

RPQ No.: 20150169
RPQ Title: Roadway Improvement on SW 328 Street from US-1 to SW 162 Avenue

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 and Drainage Work Classes.

Experience Requirement:

The Bidder, through full time personnel employed by the Bidder, must demonstrate a minimum of five years of continual experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by:

Providing a detailed description of completed projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County. The description should identify for each project (1) the client, (2) description of work, (3) total dollar value of the contract, (4) contract duration, (5) customer contact person and phone number for reference, (6) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) the results of the project; or

Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder in good standing, meeting the license requirements above, that has been prequalified 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 in the Flexible Paving or Drainage Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

RECOMMENDATION

Areas for Possible Measures: Guardrail & Fence; Sodding & Tree Relocation; Signalization; Pavement Markings and Signage; Lighting

Areas Recommended for SBE-construction Participation: Guardrail & Fence; sodding & Tree Relocation; Signalization; Pavement Markings and Signage; Lighting

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE Subcontractor Goal: 19%
 - 1.9% Guardrail & Fence
 - 0.5% Sodding & Tree Relocation
 - 5.5% Signalization
 - 1.3% Pavement marking & Signage
 - 9.8% Lighting
- CWP: As Applicable.
- DBE Subcontractor Goal

Reason for Recommendation:

This is a multiple trade project; none of the primary trade related work (Resurfacing) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. 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.

Based on the review of the scope of work for the subject RPQ and the analysis of factors contained in Section VI D of Implementing Order 3-22, the Department recommends a 19% subcontractor goal.

SBE-CONST Prime History of similar Contracts/Projects for previous three years: 20120013-R

Scope of Work History Summary – Subcontracting Opportunities: 20120013-R

Similar Projects previously submitted for Project Review and Analysis Process:

20120127: PTP Roadway Improvements to SW 17th Ave. from S. Dixie Hwy to W. Flagler St.
20130235: PTP Roadway Improvements to SW 176th St. from SW 107th Ave. to US-1 South

RPQ No.: 20150169
RPQ Title: Roadway Improvement on SW 328 Street from US-1 to SW 162 Avenue

CSBE Goal / Project No. / Amount achieved: As determined by SBD

DEPARTMENT INPUT
CONSTRUCTION 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.: 20150169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$8971024 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.
SW 328th street from US-1 to SW 162nd Avenue**

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	1	600
Foreman	1	600
Operator	1	600

Comments: Please note that the estimated number of days to complete a specific job may not be equal to actual amount of days indicated above. In addition, the respective number of employees are 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

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

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a SBE-CONST Subcontractor Goal within SIC 16.

Date submitted to SBD: 10/22/15

Contact Person: Jean Bernard Philippeaux

Telephone No.: 305-375-3547

DEPARTMENT INPUT
CONSTRUCTION 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.: 20150169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$8971024 **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.
SW 328th street from US-1 to SW 162nd Avenue

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	600
Clearing and Grubbing	2	600
Earthwork	2	600

Comments: Please note that the estimated number of days to complete a specific job may not be equal to actual amount of days indicated above. In addition, the respective number of employees are 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

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

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a SBE-CONST Subcontractor Goal within SIC 16.

Date submitted to SBD: 10/22/15

Contact Person: Jean Bernard Philippeaux

Telephone No.: 305-375-3547

DEPARTMENT INPUT
CONSTRUCTION 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.: 20150169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$8971024 **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.
SW 328th street from US-1 to SW 162nd Avenue

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
Drainage and Structures	3	600
Concrete	2	600

Comments: Please note that the estimated number of days to complete a specific job may not be equal to actual amount of days indicated above. In addition, the respective number of employees are 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

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

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a SBE-CONST Subcontractor Goal within SIC 16.

Date submitted to SBD: 10/22/15

Contact Person: Jean Bernard Philippeaux

Telephone No.: 305-375-3547

DEPARTMENT INPUT
CONSTRUCTION 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.: 20150169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$8971024 **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.
SW 328th street from US-1 to SW 162nd Avenue

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
Sodding and Tree Location	2	600
Signalization	4	600
Pavement Markings and Signage	2	600

Comments: Please note that the estimated number of days to complete a specific job may not be equal to actual amount of days indicated above. In addition, the respective number of employees are 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

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

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a SBE-CONST Subcontractor Goal within SIC 16.

Date submitted to SBD: 10/22/15

Contact Person: Jean Bernard Philippeaux

Telephone No.: 305-375-3547

DEPARTMENT INPUT

CONSTRUCTION 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.: 20150169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to SW 328th street from US-1 to SW 162nd Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$8971024 **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.
SW 328th street from US-1 to SW 162nd Avenue

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
Lighting	3	600

Comments: Please note that the estimated number of days to complete a specific job may not be equal to actual amount of days indicated above. In addition, the respective number of employees are 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

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

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a SBE-CONST Subcontractor Goal within SIC 16.

Date submitted to SBD: 10/22/15

Contact Person: Jean Bernard Philippeaux

Telephone No.: 305-375-3547

MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

SW 328 STREET FROM US 1 TO SW 162 AVE

PWD PROJECT No. 20040558

DATE: 09-16-2015

ITEM	COST	TOTAL
	ESTIMATE	JOB (%)
MAINTENANCE OF TRAFFIC (MOT)	130,000	1.3%
GENERAL CONSTRUCTION OPERATIONS	298,741	3.0%
CONTROL OF EROSION & WATER POLLUTION	27,494	0.3%
CLEARING & GRUBBING	702,799	7.0%
EARTHWORK	2,384,610	23.9%
REMOVAL OF SOLID WASTE MATERIAL	0	0.0%
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT	1,078,089	10.8%
DRAINAGE STRUCTURES & PIPES	1,478,272	14.8%
CONCRETE	939,805	9.4%
GUARDRAIL & FENCE	190,103	1.9%
SODDING & TREE RELOCATION	52,568	0.5%
IRRIGATION	-	0.0%
SIGNALIZATION	548,666	5.5%
PAVEMENT MARKING & SIGNAGE	134,047	1.3%
LIGHTING	975,829	9.8%
PROTECTION OF EXISTING STRUCTURES	30,000	0.3%
BASE ESTIMATED COST	8,971,024	
CONTINGENCY FUND (10%)	897,102	9.0%
SUBTOTAL	9,868,126	
	-	
OFF DUTY LAW ENFORCEMENT OFFICER	30,000	0.3%
BITUMINOUS MATERIAL ADJUSTMENT	30,000	0.3%
PWD PERMIT ALLOWANCES	25,000	0.3%
FPL CONNECTION ALLOWANCE	25,000	0.3%
GRAND TOTAL	\$ 9,978,126	99%