

Date: January 6, 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
Public Works and Waste Management
Department

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts: MCC 7360
Plan – CICC 7360-0/08 - Request for Price
Quotation (RPQ) No. 20140229
People's Transportation Plan (PTP) Roadway
Improvements to SW 264th Street from
US-1 to SW 137th 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 Community Small Business Enterprise (CSBE) measure. A Community Workforce Program (CWP) is applicable since Geocode has identified the work location to be within a Designated Target Area.

Scope of Work:	Multiple Trade – Roadway Improvements
Engineer Project Base Cost Estimate:	\$3,728,323
Measure/Set Aside:	29%
CWP:	As Applicable

BACKGROUND

This is a Roadway Improvement project that was requested by the Board of County Commissioners for inclusion in the People's Transportation Plan (PTP). The project consists of widening the existing roadway to a two-lane divided highway with raised landscaped median, bicycle lanes, on-street parking, sidewalks, curb and gutter, a continuous storm drainage system, traffic circle, pavement markings and signage, and lighting. The solicitation process for this project was initiated April 17, 2014 as Project #20130201. However, that project was cancelled due to design changes requested by Commissioner Moss which have been implemented and is now being re-advertised as Project #20140229.

The completion of this project will result in necessary operational improvements for both vehicular and pedestrian traffic. It will also enhance the aesthetics of this roadway.

Should you require any additional information, please call me at (305) 375-2097, or James Ferreira at (305) 375-3267.

Attachments (2)

AM/jf

Page 2

cc: Laurie Johnson, ISD/SBD
Vivian Forhat-Diaz, ISD/SBD
Alfredo Muñoz, P.E., PWWM
Bassam Moubayed, PWWM
Fernando Mardones, PWWM
Leandro Ona, P.E., PWWM
Gaspar Miranda, P.E., PWWM
Dianah Coakley, PWWM
Lisset Cabrera, PWWM
File

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT
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
Public Works & Waste Management Department (PWWM)

Date: Tuesday, January 06, 2015

CONTRACT INFORMATION

Contract Type: MCC 7360: Multiple Trade – Roadway Improvements

Request for Price Quotation (RPQ) No: 20140229

RPQ Title: Roadway Improvements on SW 264 Street from US-1 to SW 137 Avenue

Re-submittal: Yes

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 1611 / 237310 - Highway, Street & Bridge Construction

Estimated Project Cost: \$3,728,323

Funding Source: People's Transportation Plan

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

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 consists of widening the existing roadway to a two-lane divided highway with raised landscaped median, bicycle lanes, on-street parking, sidewalks, curb and gutter, a continuous storm drainage system, signalization, pavement markings and signage, and lighting.

RPQ No.: 20140229
RPQ Title: Roadway Improvement on SW 264 Street from US-1 to SW 137 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: Concrete; Signalization; Pavement Markings and Signage; Lighting

Areas Recommended for CSBE Participation: Concrete, 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
- CSBE Subcontractor Goal: 29%
 - 14% Concrete
 - 1% Signalization
 - 1% Pavement Markings and Signage
 - 13% Lighting
- CWP: Applicable: Please see attached.
- 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 29% subcontractor goal.

CSBE 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

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

RPQ No.: 20140229
RPQ Title: Roadway Improvement on SW 264 Street from US-1 to SW 137 Avenue

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.: 20140229

*Reference corresponding project number when submitting a work order

Contract/Project Title: People's Transportation Plan (PTP) Roadway Improvements to SW 264th Street from US-1 to SW 137th Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$3,728,323.00 **Funding Source:** PTP

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 264th Street from US-1 to SW 137 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	365
Foreman	1	365
Operator	1	365

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 CSBE Subcontractor Goal within SIC 16. Geocode suggests that the work location is within a Designated Target Area, therefore, the Community Workforce Program is applicable.

Date submitted to SBD: 1/6/15

Contact Person: James Ferreira

Telephone No.: 305-375-3267

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.: 20140229

*Reference corresponding project number when submitting a work order

Contract/Project Title: People's Transportation Plan (PTP) Roadway Improvements to SW 264th Street from US-1 to SW 137th Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$3,728,323.00 **Funding Source:** PTP

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 264th Street from US-1 to SW 137 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	365
Clearing and Grubbing	2	365
Earthwork	2	365

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 CSBE Subcontractor Goal within SIC 16. Geocode suggests that the work location is within a Designated Target Area, therefore, the Community Workforce Program is applicable.

Date submitted to SBD: 1/6/15

Contact Person: James Ferreira

Telephone No.: 305-375-3267

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.: 20140229
 *Reference corresponding project number when submitting a work order

Contract/Project Title: People's Transportation Plan (PTP) Roadway Improvements to SW 264th Street from US-1 to SW 137th Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$3,728,323.00 **Funding Source:** PTP

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 264th Street from US-1 to SW 137 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	365
Concrete	2	365
Earthwork	2	365

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 CSBE Subcontractor Goal within SIC 16. Geocode suggests that the work location is within a Designated Target Area, therefore, the Community Workforce Program is applicable.

Date submitted to SBD: 1/6/15
Contact Person: James Ferreira
Telephone No.: 305-375-3267

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.: 20140229

*Reference corresponding project number when submitting a work order

Contract/Project Title: People's Transportation Plan (PTP) Roadway Improvements to SW 264th Street from US-1 to SW 137th Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$3,728,323.00 **Funding Source:** PTP

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 264th Street from US-1 to SW 137 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	365
Signalization	4	365
Pavement Markings and Signage	2	365

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 CSBE Subcontractor Goal within SIC 16. Geocode suggests that the work location is within a Designated Target Area, therefore, the Community Workforce Program is applicable.

Date submitted to SBD: 1/6/15

Contact Person: James Ferreira

Telephone No.: 305-375-3267

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.: 20140229

*Reference corresponding project number when submitting a work order

Contract/Project Title: People's Transportation Plan (PTP) Roadway Improvements to SW 264th Street from US-1 to SW 137th Avenue

Description/Scope of Work: See Attached

Estimated Cost: \$3,728,323.00 **Funding Source:** PTP

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 264th Street from US-1 to SW 137 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	365

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 CSBE Subcontractor Goal within SIC 16. Geocode suggests that the work location is within a Designated Target Area, therefore, the Community Workforce Program is applicable.

Date submitted to SBD: 1/6/15

Contact Person: James Ferreira

Telephone No.: 305-375-3267

MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Project Description SW 264 St from US 1 to SW 137 Ave
 PWD PROJECT No. 20040350

DATE:

ITEM	COST ESTIMATE	TOTAL JOB (%)
GENERAL CONSTRUCTION OPERATIONS	167,222	3.99%
MAINTENANCE OF TRAFFIC (MOT)(2%)	66,577	1.59%
CONTROL OF EROSION & WATER POLLUTION	3,045	0.07%
CLEARING & GRUBBING	340,194	8.12%
EARTHWORK	486,187	11.60%
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT	576,338	13.76%
DRAINAGE STRUCTURES & PIPES	793,626	18.94%
CONCRETE	587,237	14.02%
GUARDRAIL & FENCE	25,839	0.62%
SODDING & TREE RELOCATION	47,866	1.14%
SIGNALIZATION	65,390	1.56%
PAVEMENT MARKING & SIGNAGE	51,707	1.23%
LIGHTING	527,870	12.60%
BASE ESTIMATED COST	3,728,323	
CONTINGENCY FUND (10%)	372,832	8.90%
SUBTOTAL	4,101,155	
OFF DUTY LAW ENFORCEMENT OFFICER	30,000	0.72%
BITUMINOUS MATERIAL ADJUSTMENT	15,000	0.36%
PWD PERMIT ALLOWANCES	40,000	0.95%
FPL CONNECTION ALLOWANCE	3,600	0.09%
GRAND TOTAL	\$ 4,189,755	100%