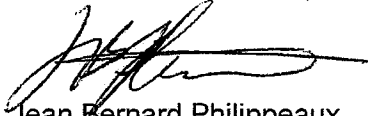


Memorandum

Date: December 20, 2013

To: Lester Sola, Director
Internal Services Department
Small Business Development Division

From: 
Jean Bernard Philippeaux
Engineer 2
Contracts and Specification Section
Construction Division
Public Works and Waste Management
Department

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts (MCC)
Program: MCC 7360 Plan
Request for Price Quotation (RPQ) No.
20130278
Old Cutler Road Bike Path Phase II from SW
136th Street and SW 63 Avenue to Cartagena
Plaza

RECOMMENDATION

Contracts & Specification Sections has evaluated the subject project and recommends 8.6%, which is the current minimum Disadvantaged Business Enterprise (DBE) participation goal. Base cost estimate is \$1,212,194.00. We have checked the availability of DBE Subcontractors as per 49 CFR 26 and attached a worksheet with possible Measure Analysis and recommendation findings along with other supporting documents for your review. This project is being processed under the subject Miscellaneous Construction Contract and is federally funded, therefore; the Community Workforce Program (CWP) is not applicable to this RPQ.

BACKGROUND

Bicycling and walking issues have grown in significance throughout the 1990s. Public agencies and public interest groups alike are striving to define the most appropriate way in which to accommodate the two modes within the overall transportation system so that those who walk or ride bicycles can safely, conveniently, and comfortably access every destination within a community.

Public support and advocacy for improved conditions for bicycling and walking has created a widespread acceptance that more should be done to enhance the safety, comfort, and convenience of the non-motorized traveler.

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Public opinion surveys throughout the 1990s have demonstrated strong support for increased planning, funding and implementation of shared use paths, sidewalks and on-street facilities.

At the same time, public agencies have become considerably better equipped to respond to this demand. Research and practical experience in designing facilities for bicyclists and pedestrians have generated numerous national, State and local design manuals and resources. An increasing number of professional planners and engineers are familiar with this material and are applying this knowledge in towns and cities across the country.

The 1990 Americans with Disabilities Act, building on an earlier law requiring curb ramps in new, altered, and existing sidewalks, added impetus to improving conditions for sidewalk users. People with disabilities rely on the pedestrian and transit infrastructure, and the links between them, for access and mobility.

In response to demands from user groups that every transportation project include a bicycle and pedestrian element, Congress asked the Federal Highway Administration (FHWA) to study various approaches to accommodating the two modes. The Transportation Equity Act for the 21st Century (TEA-21) instructs the Secretary to work with professional groups such as AASHTO, ITE, and other interested parties to recommend policies and standards that might achieve the overall goal of fully integrating bicyclists and pedestrians into the transportation system.

TEA-21 also says that, "Bicycle transportation facilities and pedestrian walkways shall be considered, where appropriate, in conjunction with all new construction and reconstruction of transportation projects, except where bicycle and pedestrian use are not permitted." (Section 1202)

There is no question that conditions for bicycling and walking need to be improved in every community in the United States; it is no longer acceptable that 6,000 bicyclists and pedestrians are killed in traffic every year, that people with disabilities cannot travel without encountering barriers, and that two desirable and efficient modes of travel have been made difficult and uncomfortable.

Every transportation agency has the responsibility and the opportunity to make a difference to the bicycle-friendliness and walkability of our communities. PWWM is committed to doing all it can to improve conditions for bicycling and walking and to make them safer ways to travel throughout Miami-Dade County.

If any additional information is needed, please call me at (305) 375-3547, or Frank Aira at (305) 375-2093.

JBP/jbp

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Attachments (2)

C: Kelly Duncombe, ISD
Laurie Johnson, ISD
Bassam Moubayed, PWWW
Frank Aira, P.E., CFM, PWWW
Alfredo E. Munoz, PWWW
Dianah Coakley, PWWW
Lisset Cabrera, PWWW
Project File

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.: 20130278

*Reference corresponding project number when submitting a work order

Contract/Project Title: Old Cutler Road Bike Path Phase II

Description/Scope of Work: See Attachments

Estimated Cost: \$1,212,194.00 **Funding Source:** Federal funds

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.
Old Cuttler Road, from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

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
N/A		
N/A		
N/A		

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, estimated number of workers for each trade are utilized throughout the duration of the contract..

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Guardrail & Fence	\$240	0.02%	
Sodding & Tree Relocation	\$29,519	2.36%	
Pavement marking & Signage	\$69,400	5.55%	

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 DBE subcontracting; Project is federally funded. Therefore, the Community Workforce Program (CWP) is not applicable. The higher of Davis Bacon Wages and/or MDC Responsible wages applies to this project

Date submitted to DBD: 12-20-2013

Contact Person: Jaen Bernard Philippeaux or Frank Aira

Telephone No.: 305-375-3547

**Miami-Dade County Public Works and Waste Management Department Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 200130278

RPQ Title: Old Cutler Road Bike Path Phase II from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

To: Lester Sola, Director
Internal Services Department
Small Business Development Division

From: Jean Bernard Philippeaux
Engineer 2
Contracts and Specification Section
Construction Division
Public Works and Waste Management Department

Date: December 20, 2013

Department: Public Works and Waste Management

Contract Type: Single Trade-Roadway Improvement

Request for Price Quotation (RPQ) No.: 20130278

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

No

Project Title: Old Cutler Road Bike Path Phase II from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza.

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

Estimated Project Cost: \$1,212,194.00

Funding Source: Florida Department of Transportation (FDOT)

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

Method of Award: Unit price

Detailed Scope of Work:

Work under this Contract consists of furnishing all supervision, labor, materials, equipment, tools and performing all operations necessary for the Improvements to Old Cutler Road Bike Path phase II. This project consists of reconstruction the bike path to a minimum 8' wide and relocate further away from the traffic lanes where possible; constructing curb and gutter, install remedial drainage as necessary, resurface segments that are to remain, prune tree roots and root barriers to prevent future damage and install regulatory signage for bicycles and pedestrians.

**Miami-Dade County Public Works and Waste Management Department Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 200130278

RPQ Title: Old Cutler Road Bike Path Phase II from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

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 and the Sidewalk 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.**

Guardrail & Fence

The work under guardrail consists of construct metal guardrail on post of timber, steel, or as specified in the solicitation documents. Work also includes removal of existing guardrail, construct guardrail anchorages, and replace guardrail posts. Fence work consists of furnish, erect and reset metal fence as per solicitation documents

Sodding and Tree Relocation

Sodding consist of placing healthy turf on areas designated on the plans. Tree relocation, consist of removing and placing trees and maintain them until healthy growth is established

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

**Miami-Dade County Public Works and Waste Management Department Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 200130278

RPQ Title: Old Cutler Road Bike Path Phase II from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

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.

Areas for possible measures:

Guardrail/Fence
Sodding and Tree relocation
Pavement Marking and Signage

Areas recommended for DBE Subcontractor Goal:

Guardrail/Fence
Sodding and Tree relocation
Pavement Marking and Signage

Contract Measure Recommendation:

- No Measure
- CSBE Subcontractor Goal
- Overall CSBE Subcontractor Goal:
- CSBE Set-Aside Level I Level II Level III
- DBE Goal: 8.6%
- 0.02% Guardrail and Fence
2.36% Sodding and Tree Relocation
5.55% Pavement Marking and Signage
- CWP: Not Applicable

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Roadway Improvement) can be subcontracted pursuant to the recommendation for Award of a construction contract pursuant to the Expedite Ordinance No. 00-104. The main scope of work consist of clearing and grubbing, earthwork, asphalt and concrete, the rest of the work may be considered as ancillary work. PWWM has determined that the even though the total ancillary work is 7.84%, Prospect Contractor may be able to obtain the actual minimum DBE goal which is 8.6%. Therefore it is PWWM recommendation that subcontractor work to be performed is no less than 8.6%.

**Miami-Dade County Public Works and Waste Management Department Input
Contract/Project Measure Analysis and Recommendation**

RPQ No.: 200130278

RPQ Title: Old Cutler Road Bike Path Phase II from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

Comments:

This project is federally funded which prohibits use of local business enterprise programs. Therefore, PWWM's response is to provide equal opportunity to the public by soliciting for bids under the CICC 7360 Contract.

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

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for Overall DBD Subcontractor Goal (PWWM/SBD):

Not Applicable

Similar Projects previously submitted for RC Action:

RPQ No. 20090229

RPQ No. 20110120

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

None

MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Old Cutler Road Bike Path Phase II

from intersection of SW 136 Street and SW 63 Avenue to Cartagena Plaza

PWD PROJECT No.20080191

DATE: 11-27-2013

ITEM	COST	TOTAL
	ESTIMATE	JOB (%)
GENERAL CONSTRUCTION OPERATIONS	0	0.00%
CONTROL OF EROSION & WATER POLLUTION	3,867	0.31%
CLEARING & GRUBBING	237,125	18.95%
EARTHWORK	194,396	15.54%
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT	171,361	13.69%
DRAINAGE STRUCTURES & PIPES	143,730	11.49%
CONCRETE	203,129	16.23%
GUARDRAIL & FENCE	240	0.02%
SODDING & TREE RELOCATION	29,519	2.36%
SIGNALIZATION	-	0.00%
PAVEMENT MARKING & SIGNAGE	69,440	5.55%
BASE ESTIMATED COST	1,052,808	
CONTINGENCY FUND (10%)	105,281	8.41%
SUBTOTAL	1,158,089	
MAINTENANCE OF TRAFFIC (MOT)(2%)	21,056	1.68%
OFF DUTY LAW ENFORCEMENT OFFICER	28,800	2.30%
BITUMINOUS MATERIAL ADJUSTMENT	43,350	3.46%
PWD PERMIT ALLOWANCES	-	0.00%
FPL CONNECTION ALLOWANCE	-	0.00%
GRAND TOTAL	\$ 1,251,295	100.00%