

Memorandum



Date: August 3, 2015
To: Gary Hartfield, Division Director
Small Business Development
From: Juan Kuryda, Port Director
PortMiami
Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for
Paving Improvements (Portwide) / Project No. M2015-022

Your assistance in reviewing this request for consideration is respectfully requested.

It is recommended that the Division of Small Business Development (SBD) review the attached request for Small Business Enterprise Construction (SBE-CONS) and Community Workforce Program (CWP) measures for this project, in order to proceed with the advertisement and subsequent bidding of the project.

Paving Improvements (Portwide): The purpose of this solicitation is to procure a Contractor to perform safety and maintenance related repair work within PortMiami, to paved areas subject to heavy vehicle traffic flow. The project consists of milling; resurfacing; signage; pavement markings; pedestrian ramp installation; curb and gutter repairs; sidewalk repairs; re-grading; base stabilization; ADA ramp upgrades; utility adjustments; and grate rim and inlets adjustments. These tasks will be authorized on a work order basis. The Contractor shall perform all work in accordance with the 2013 Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction.

The Contractor must meet the below requirements:

- Hold a current certified General Engineering Contractor or Paving Engineering Contractor license;
- Have a minimum of five (5) years of experience under its current business name;
- Demonstrate to have ownership of, and access to paving equipment including, but not limited to: full-sized milling machine, spreader box and vibrating roller necessary to perform the work on short notice; and
- Have sufficient labor and equipment available to mobilize and commence work within 48 hours upon receipt of a written work order from PortMiami.

The construction cost estimate for this project is \$2,000,000.00, which includes 10% contingency.

The SBE-CONS goal recommendation is for a trade set-a-side for pavement marking and concrete, and the CWP recommendation is 10%.

Should you have any questions, please feel free to contact Mrs. Gyselle Pino, Chief of Contracts, Procurement & Materials Management at (305) 347-4833.

Attachments

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.: M2015-022

*Reference corresponding project number when submitting a work order

Contract/Project Title: Paving Improvements (Portwide)

Description/Scope of Work: See attached

Estimated Cost: \$2,000,000.00 Funding Source: Seaport Revenues

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.
PortMiami 1015 N. America Way, Miami, FL 33132

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 |
|-----------------------|--|--------------------------------------|
| | | |
| | | |
| | | |

Comments: _____

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: See attached

Date submitted to DBD: *[Signature]*

Contact Person: Gyselle Pino, Chief, Contracts & Procurement

Telephone No.: 305-347-4833

PORT MIAMI

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)

In-House Estimate of Required Workforce:

| Trade/Skills Required | Days on Project | Estimated number of workforce required | Estimated Total Number of Hours to Complete Job |
|---|-----------------|--|---|
| Mobilization/Demobilization | 20 | 4 | 640 |
| Clear and Grubbing | 40 | 4 | 1,280 |
| Grading and Compaction | 60 | 3 | 1,440 |
| Regular Excavation | 50 | 2 | 800 |
| Milling Existing Asphalt Surface | 30 | 3 | 720 |
| Furnish and Install New Limerock Material | 20 | 5 | 800 |
| Furnish and Install new Asphalt Material | 30 | 4 | 960 |
| Concrete (Flowable Fill Activities) | 20 | 2 | 320 |
| Pavement Markings | 30 | 2 | 480 |
| Concrete (Sidewalks and Curbs) | 10 | 2 | 160 |
| Concrete (Pedestrian and ADA Ramps) | 10 | 2 | 160 |
| Total Hours of Work | | | 7,760 |

PORT MIAMI

Capital Development Division
 Project No. M2015-022
 Pavement Improvements Portwide
 Statement of Probable Construction Estimate

| Description | Unit | Quantity | Unit Price | Amount | SBE Analysis |
|---|------|----------|--------------|---------------|--------------|
| General Requirement | | | | | |
| 1 Surety Payment & Performance Bond | LS | 1 | \$ 30,000.00 | \$ 30,000.00 | |
| 2 Mobilization for Work Orders less than \$25,000 | WO | 28 | \$ 1,600.00 | \$ 44,800.00 | |
| 3 Mobilization for Work Orders greater than \$25,000 | WO | 10 | \$ 2,500.00 | \$ 25,000.00 | |
| Earthwork and Related Operations | | | | | |
| 5 Clearing, Demolition & Removal | TON | 50 | \$ 60.00 | \$ 3,000.00 | |
| 6 Grub Existing 2" | CY | 200 | \$ 10.00 | \$ 2,000.00 | |
| 7 Subsoil Excavation | CY | 1750 | \$ 6.00 | \$ 10,500.00 | |
| 8 Regular Earthwork Excavation | CY | 2500 | \$ 4.00 | \$ 10,000.00 | |
| 9 Geogrid Reinforcement (Tensar TX 160) (F&I) | SY | 1700 | \$ 5.00 | \$ 8,500.00 | |
| 10 New Limerock Material | CY | 1117 | \$ 22.00 | \$ 24,574.00 | |
| 11 6" Limerock Base (LBR 100, placed) | SY | 4800 | \$ 10.50 | \$ 50,400.00 | |
| 12 12" Limerock Base (LBR 100, placed) | SY | 4800 | \$ 15.00 | \$ 72,000.00 | |
| 13 Flowable Fill (F&I Excavatable @ 5%) | CY | 100 | \$ 118.00 | \$ 11,800.00 | |
| 14 Grading and Compaction | CY | 1750 | \$ 11.00 | \$ 19,250.00 | |
| Concrete | | | | | |
| 15 Removal and disposal of Concrete Pavement | SY | 1000 | \$ 12.00 | \$ 12,000.00 | * |
| 16 Concrete Curb Type D | LF | 1000 | \$ 16.00 | \$ 16,000.00 | * |
| 17 Concrete Curb and Gutter Type F | LF | 200 | \$ 20.00 | \$ 4,000.00 | * |
| 18 Valley Gutter - Concrete | LF | 200 | \$ 18.00 | \$ 3,600.00 | * |
| 19 Concrete Curb Removal & Disposal (Type D, F & Valley Gutter) | LF | 900 | \$ 5.00 | \$ 4,500.00 | * |
| 20 Sidewalk Concrete - 4" Thick (including ADA Pedestrian Ramps) | SY | 1000 | \$ 43.00 | \$ 43,000.00 | * |
| 21 Sidewalk Concrete - 6" Thick (including ADA Pedestrian Ramps) | SY | 1000 | \$ 54.00 | \$ 54,000.00 | * |
| 22 Fiber Reinforced 3000 psi Concrete for Crane Rail Curb (34" wide x 9.5" deep), Saw Cutting every 20 LF; Form one side. | SY | 505 | \$ 61.50 | \$ 31,057.50 | * |
| 23 Curb Ramp Detectable Warning Surface | SF | 100 | \$ 30.00 | \$ 3,000.00 | * |
| Paving | | | | | |
| 24 Mill Existing Asphalt 1" (Multiple layers up to 4 layers including hauling and disposal) | SY | 38000 | \$ 4.50 | \$ 171,000.00 | |
| 25 Cold Patching | SF | 550 | \$ 6.00 | \$ 3,300.00 | |
| 26 Prime Coat | SY | 38000 | \$ 3.00 | \$ 114,000.00 | |
| 27 Tack Coat | SY | 22000 | \$ 1.50 | \$ 33,000.00 | |
| 28 Asphaltic Concrete Hot Mix SP 9.5 - 1" (Multiple layers up to 4) | TON | 5980 | \$ 130.00 | \$ 777,400.00 | |
| Drainage | | | | | |
| 29 24" French Drain with Excavation | LF | 200 | \$ 155.00 | \$ 31,000.00 | |
| 30 Type "P" Structure | EA | 4 | \$ 5,800.00 | \$ 23,200.00 | |
| 31 Frame/Gate 4105-6220 U.S. Foundry or Equal | EA | 4 | \$ 600.00 | \$ 2,400.00 | |
| 32 Baffles | EA | 4 | \$ 750.00 | \$ 3,000.00 | |
| 33 Clean Existing Drainage Structure | EA | 20 | \$ 250.00 | \$ 5,000.00 | |
| 34 Pipe Desilting to 18" Diameter Includes Material Disposal | LF | 300 | \$ 4.00 | \$ 1,200.00 | |
| 35 Pipe Desilting to 30" Diameter Includes Material Disposal | LF | 2000 | \$ 5.00 | \$ 10,000.00 | |
| 36 Pipe Desilting to 42" Diameter Includes Material Disposal | LF | 750 | \$ 8.42 | \$ 6,315.00 | |
| 37 Existing Drainage Inlets/Manholes (Top Adjustment) | EA | 16 | \$ 821.21 | \$ 13,139.36 | |
| Striping | | | | | |
| 38 Reflective Pavement Markers (class B, mono or bi-directional, all colors) | EA | 750 | \$ 3.48 | \$ 2,606.25 | * |
| 39 Painted Pavement Markings (Standard, White, solid, 6") | LF | 45000 | \$ 0.25 | \$ 11,137.50 | * |
| 40 Painted Pavement Markings, Standard, Yellow, Solid, 8" | LF | 4500 | \$ 0.35 | \$ 1,552.50 | * |
| 41 Painted Pavement Markings, Standard, Yellow, Solid, 12" | LF | 5000 | \$ 0.55 | \$ 2,750.00 | * |
| 42 Painted Pavement Markings (Standard, White, solid, 18") | LF | 600 | \$ 0.80 | \$ 481.50 | * |
| 43 Painted Pavement Markings (Standard, White, solid, 24") | LF | 500 | \$ 1.20 | \$ 600.00 | * |
| 44 Painted Pavement Markings (Standard) (White) (Skip) (6") | LF | 3000 | \$ 0.43 | \$ 1,275.00 | * |
| 45 Painted Pavement Markings (Standard) (White) (Message) | EA | 25 | \$ 47.63 | \$ 1,190.63 | * |
| 46 Painted Pavement Markings (Standard) (White) (Arrows) | EA | 25 | \$ 23.88 | \$ 596.88 | * |
| 47 Painted Pavement Markings (Standard) (Yellow) (Skip) (6") | LF | 3000 | \$ 0.28 | \$ 847.50 | * |
| 48 Painted Pavement Markings (Standard, Yellow, Solid, 6") | LF | 10000 | \$ 0.25 | \$ 2,475.00 | * |
| 49 Painted Pavement Markings, Standard, Yellow, Solid, 18" | LF | 600 | \$ 0.82 | \$ 489.00 | * |
| 50 Solid Traffic Stripe, Paint - (4" white, or yellow) | LF | 4500 | \$ 0.37 | \$ 1,665.00 | * |
| 51 Guidelines [(6" Dotted) (2'-4" White) (Thermoplastic)] | LF | 95 | \$ 0.92 | \$ 87.40 | * |
| 52 Thermoplastic (White) (Solid) (6") | LF | 30350 | \$ 0.72 | \$ 21,927.88 | * |
| 53 Thermoplastic (White) (Solid) (8") | LF | 6000 | \$ 1.05 | \$ 6,300.00 | * |
| 54 Thermoplastic (White) (Solid) (12") | LF | 3500 | \$ 1.63 | \$ 5,696.25 | * |
| 55 Thermoplastic (White) (Solid) (18") | LF | 600 | \$ 2.36 | \$ 1,414.50 | * |
| 56 Thermoplastic (White) (Solid) (24") | LF | 500 | \$ 3.16 | \$ 1,581.25 | * |
| 57 Thermoplastic (White) (Skip) (6") | LF | 3000 | \$ 0.83 | \$ 2,490.00 | * |
| 58 Thermoplastic (White) (Message) | EA | 28 | \$ 99.25 | \$ 2,779.00 | * |
| 59 Thermoplastic (White) (Arrows) | EA | 25 | \$ 49.75 | \$ 1,243.75 | * |
| 60 Thermoplastic (Yellow) (Solid) (6") | LF | 13500 | \$ 0.72 | \$ 9,753.75 | * |
| 61 Thermoplastic (Yellow) (Solid) (18") | LF | 600 | \$ 2.03 | \$ 1,219.50 | * |
| 62 Thermoplastic (Yellow) (Skip) (6") | LF | 3000 | \$ 0.81 | \$ 2,415.00 | * |
| 63 Thermoplastic 36" High Numbers or Letters x 6 - 8" Number/Letter width | EA | 115 | \$ 35.00 | \$ 4,025.00 | * |
| 64 Skip Traffic Stripe, Thermoplastic (4" White/Yellow, 6'-10' Skip) | LF | 17 | \$ 0.52 | \$ 8.84 | * |
| 65 Skip Traffic Stripe - [(4" White/Yellow) (10' Stripe, 30' Skip) (Thermoplastic, lead free)] | LF | 2000 | \$ 0.52 | \$ 1,040.00 | * |
| 66 Skip Traffic Stripe - [(6" White/Yellow) (10' Stripe, 30' Skip) (Thermoplastic, lead free)] | LF | 4000 | \$ 0.40 | \$ 1,600.00 | * |
| 67 Solid Traffic Stripe - [(4" White) (Thermoplastic)] | LF | 2000 | \$ 0.52 | \$ 1,040.00 | * |
| 68 Solid Traffic Stripe [(4" Yellow) (Thermoplastic) (Lead-free)] | LF | 500 | \$ 0.52 | \$ 260.00 | * |
| 69 Removal of Existing Traffic Pavement Markings (Thermoplastic & Paint) | LF | 5000 | \$ 0.48 | \$ 2,400.00 | * |
| Utility Adjustment | | | | | |
| 70 Adjust Existing Utility Manholes | EA | 25 | \$ 850.00 | \$ 21,250.00 | |
| 71 Adjust Existing Electrical Pull Box | EA | 10 | \$ 455.00 | \$ 4,550.00 | |
| 72 Adjust Existing Valve Boxes | EA | 35 | \$ 250.00 | \$ 8,750.00 | |
| 73 Adjust Existing Fire Hydrant | EA | 5 | \$ 2,300.00 | \$ 11,500.00 | |

| | | |
|--|----|--------------|
| Base Estimate Total | \$ | 1,817,964.73 |
| Contingency Allowance (10% of Base Estimate) | \$ | 181,796.47 |
| Estimated Project Cost | \$ | 1,999,761.20 |
| Rounded Amount | \$ | 2,000,000.00 |

Note:
 1. Base Contract Amount not to exceed \$2 Million. Work Orders and quantities to be established at time of construction.
 2. Quantities are approximate and is intended to establish competitive unit prices. Actual quantities are to be determined at time of construction.

Taylor, Coralee (ISD)

From: Johnson, Laurie (ISD)
Sent: Thursday, August 06, 2015 8:58 AM
To: Taylor, Coralee (ISD)
Subject: FW: Request for Review for SBE Goal - (7360 MCC) Project No. M2015-022 - Paving Improvements (Portwide)
Attachments: 2015 08 06_SBD Memo & Attachments _M2015-022.pdf

Laurie Johnson, SBD Section Chief
Internal Services Department
Small Business Development
111 NW 1st Street #19 Floor, Miami, FL 33128
Phone No. 305-375-3121 / Fax No. 305-375-3160

<http://www.miamidade.gov/smallbusiness>


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From: Ramirez, Frank (Seaport)
Sent: Thursday, August 06, 2015 8:55 AM
To: Johnson, Laurie (ISD)
Cc: Pino, Gyselle (Seaport); Smith, Leticia (Seaport); Ramirez, Frank (Seaport); Castellanos, Ruth (ISD); Martin, Marcia (ISD); White, Lourdes (ISD)
Subject: Request for Review for SBE Goal - (7360 MCC) Project No. M2015-022 - Paving Improvements (Portwide)

Good morning Laurie,
Attached for your review is the package to Small Business Development which contains:

- Memo (with scope of work)
- Cost Estimate
- Dept. Input Recommendation Form for the subject project.
- CWP Analysis

If you have any questions or comments, please let us know. Your assistance in this matter is greatly appreciated.

Regards,
Frank Ramirez
Program Management Consultant
Miami-Dade County PortMiami
1007 N. America Way, Suite 311
Miami, Florida 33132
T: 305-347-5508
C: 305-609-9976
E: rfrank@miamidade.gov

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