

Memorandum



Date: September 13, 2018

To: Gary Hartfield, Division Director
Small Business Development

From: Juan Kuryla, Port Director
PortMiami

Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for
Paving Improvements (Portwide) / Project No. M2018-028

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. M2018-028 – Paving Improvements (Portwide), to assign Small Business Enterprise (SBE) and Community Workforce Program (CWP) measures, in order to proceed with the advertisement and subsequent bidding of the solicitation.

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 current Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction.

This is a Non-Exclusive, Not to Exceed, Work Order Contract based on unit prices provided in this bid. Tasks will be authorized on a work order basis. The Contractor is not guaranteed the entire contract amount, any unspent funds will remain with the County, and the Contractor is not guaranteed work volume.

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: one (1) - full lane power paver; one (1) - class 2 or better asphalt milling machine (Minimum 48 inch milling width), one (1) – tandem vibratory roller (minimum 59 inch width), one (1) – excavator/loader, spreader box; and
- Have sufficient labor and equipment available to mobilize and commence work within forty-eight (48) hours upon receipt of a written work order from PortMiami.

The construction cost estimate for this project is \$999,581.00, which includes 10% contingency.

The SBE-CONS goal recommendation is for a trade set-a-side for pavement marking and concrete.

The SBE-G, SBE-S, and CWP recommendations are 0% due to each individual work order is not anticipated to exceed a duration of thirty (30) days or \$100,000.00 in value (based on the unit prices provided in the bid). However, since the maximum contract value exceeds \$100,000.00, Miami-Dade County Responsible Wages shall be applicable.

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.: M2018-028

*Reference corresponding project number when submitting a work order

Contract/Project Title: Paving Improvements (Portwide)

Description/Scope of Work: See attached

Estimated Cost: \$999,581.00 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: _____

Contact Person: Gyselle Pino, Chief, Contracts & Procurement

Telephone No.: 305-347-4833

PAVING IMPROVEMENTS, PORTWIDE

PROPOSED CHANGES FOR 2018

			(\$1.0 Million cap)		
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL COST
General Requirement					
1	Performance & Payment Bond	LS	1	30,000.00	30,000.00
2	Mobilization for Work Orders <\$25,000 (includes Traffic Control (i.e. MOT, signs, barricades,SWPPP, Hay Bales, Erosion Control, etc.)	WO	30	1,500.00	45,000.00
3	Mobilization for Work Orders >\$25,000 (includes Traffic Control (i.e. MOT, signs, barricades,SWPPP, Hay Bales, Erosion Control, etc.)	WO	10	2,000.00	20,000.00
Earthwork and Related Operations					
4	Demolition and Removal	TON	50	40.00	2,000.00
5	Clearing and Grubbing	SY	200	20.00	4,000.00
6	Earthwork Excavation (no imported material)	CY	5,000	5.00	25,000.00
7	Disposal of surplus or unsuitable material	TON	2,000	24.00	48,000.00
8	6" Limerock Base (LBR 100), includes material, compaction and finish grading (temporary applications and light loads)	SY	1,500	12.00	18,000.00
9	8" Limerock Base (LBR 100), includes material, compaction and finish grading (road work)	SY	1,500	14.00	21,000.00
10	16" Limerock Base (LBR 165) with Geogrid Reinforcement (Tensar BX-1100 or approved equal), includes material, compaction and finish grading (cargo areas)	SY	1,000	27.00	27,000.00
11	12" Limerock Sub-base (LBR 40) with Geogrid Reinforcement (Tensar BX-1100 or approved equal), includes material, compaction and rough grading (road work)	SY	1,500	19.00	28,500.00
12	12" Limerock Sub-base (LBR 100) with Geogrid Reinforcement (Tensar BX-1100 or approved equal), includes material, compaction and rough grading (cargo areas)	SY	1,000	23.00	23,000.00
13	Limerock Material Import (LBR 100 min) (when requested by POM for scopes other than items 8 through 12 above)	TN	40	20.00	800.00
14	Fill Material Import (LBR 40 min.) (when requested by POM for scopes other than items 6 and 8 through 12 above)	TN	500	16.00	8,000.00
15	Grading and Compaction (when requested by POM for items 13 and 14 above)	CY	400	5.00	2,000.00
16	Stabilizing existing sub-grade, no imported material required	CY	400	3.00	1,200.00
17	Geogrid Reinforcement (Tensar TX 160) (F&I) (when requested by POM for scopes other than items 10 through 12 above)	SY	800	5.00	4,000.00
18	Flowable Fill (F&I Excavatable @ 5%)	CY	100	115.00	11,500.00

PROPOSED CHANGES FOR 2018

(\$1.0 Million cap)

ITEM NO.	DESCRIPTION	UNIT	(\$1.0 Million cap)		
			QTY	UNIT PRICE	TOTAL COST
Portland Concrete Work					
19	Removal and disposal of Concrete Pavement, up to 6" thick	SY	400	9.00	3,600.00
20	Curb Removal & Disposal (Type D, F & Valley)	LF	100	3.00	300.00
21	Fence Post Foundation - Removal and Disposal	EA	50	50.00	2,500.00
22	Curb Type D	LF	1,000	15.00	15,000.00
23	Curb and Gutter Type F	LF	200	20.00	4,000.00
24	Valley Gutter	LF	100	19.00	1,900.00
25	4" Sidewalk (including ADA Pedestrian Ramps)	SY	500	36.00	18,000.00
26	6" Sidewalk (including ADA Pedestrian Ramps)	SY	500	40.00	20,000.00
27	Curb Ramp Detectable Warning Surface	SF	100	30.00	3,000.00
28	6" Slab with 6" x 6" - 10/10 welded wire mesh	SY	400	35.00	14,000.00
29	Thickened edge added to slab above, when required, 8" x 12" with one #5 continuous	LF	150	45.00	6,750.00
Asphaltic Concrete Paving					
30	Mill Existing Asphalt Pavement, 1" layers, including hauling and disposal	SY	10,000	2.50	25,000.00
31	Cold Patching	SY	200	5.00	1,000.00
32	Prime Coat	SY	10,000	0.10	1,000.00
33	Tack Coat	SY	10,000	0.10	1,000.00
34	Asphaltic Concrete, HMA SP 9.5 or FC-9.5 as required - 1" layers (roadways/vehicle parking/paths)	TN	1,000	135.00	135,000.00
35	Asphaltic Concrete, HMA P-401, PG 76-22, 67-22 or 64-22 as required - 3" layers (cargo areas)	TN	750	140.00	105,000.00
Storm Drainage					
36	18" French Drain, backfilled/compacted to grade	LF	250	125.00	31,250.00
37	24" French Drain, backfilled/compacted to grade	LF	200	150.00	30,000.00
38	18" HDPE Culvert, backfilled/compacted to grade	LF	200	40.00	8,000.00
39	24" HDPE Culvert, backfilled/compacted to grade	LF	150	50.00	7,500.00
40	Type "P" Structure, 4' diameter x 8' max. depth	EA	4	4,600.00	18,400.00
41	Type "P" Structure, 5' diameter x 8' max. depth	EA	4	6,000.00	24,000.00
42	Frame/Grate 4105-6220 US Foundry or approved equal	EA	8	500.00	4,000.00
43	Baffles (Type 2 skimmers)	EA	8	400.00	3,200.00
44	Clean Existing Drainage Structure, includes material disposal	EA	20	250.00	5,000.00
45	Pipe Desilting, up to and including 18" diameter, includes material disposal	LF	200	6.00	1,200.00
46	Pipe Desilting, up to and including 30" diameter, includes material disposal	LF	1,000	8.00	8,000.00
47	Pipe Desilting, up to and including 48" diameter, includes material disposal	LF	500	12.00	6,000.00
48	Existing Drainage Inlets/Manholes, Top Adjustment, frames and covers/grates up to new grade	EA	15	700.00	10,500.00

PROPOSED CHANGES FOR 2018

(\$1.0 Million cap)

ITEM NO.	DESCRIPTION	UNIT	(\$1.0 Million cap)		
			QTY	UNIT PRICE	TOTAL COST
	Striping and Signage				
49	Raised Pavement Markers (RPM) (class B, mono or bi-directional, reflective, all colors)	EA	400	4.00	1,600.00
50	4" Traffic Stripe, Solid, Painted, White, Yellow or Blue	LF	2,000	0.30	600.00
51	6" Traffic Stripe, Solid, Painted, White, Yellow or Blue	LF	10,000	0.50	5,000.00
52	8" Traffic Stripe, Solid, Painted, White or Yellow	LF	2,000	0.60	1,200.00
53	12" Traffic Stripe, Solid, Painted, White or Yellow	LF	2,000	0.80	1,600.00
54	18" Traffic Stripe, Solid, Painted, White or Yellow	LF	400	1.00	400.00
55	24" Traffic Stripe, Solid, Painted, White or Yellow	LF	300	1.20	360.00
56	4" or 6" Dotted Guide Line, Painted, White or Yellow (2' stripe - 4' skip). (Length measured at 33% of traversed distance)	LF	2,000	0.40	800.00
57	4" or 6" Dotted Extension Line, Painted, White or Yellow (6' stripe - 10' skip). (Length measured at 38% of traversed distance)	LF	2,000	0.40	800.00
58	4" or 6" Skip Traffic Stripe, Painted, White or Yellow (10' stripe - 30' skip). (Length measured at 25% of traversed distance)	LF	2,000	0.40	800.00
59	Message or ADA Symbol, Painted Pavement Markings, White or Yellow (similar to FDOT Index 711-001, 1 and 13 of 14)	EA	20	40.00	800.00
60	Letters or Numbers, Painted, 36" high x 6" or 8" letter/number width	EA	20	25.00	500.00
61	Arrows, Painted Pavement Markings, White or Yellow (similar to FDOT Index 711-001, 1 of 14)	EA	20	35.00	700.00
62	4" Solid Traffic Stripe, Thermoplastic, White, Yellow or Blue	LF	2,000	0.70	1,400.00
63	6" Solid Traffic Stripe, Thermoplastic, White, Yellow or Blue	LF	8,000	0.95	7,600.00
64	8" Solid Traffic Stripe, Thermoplastic, White or Yellow	LF	1,000	1.30	1,300.00
65	12" Solid Traffic Stripe, Thermoplastic, White or Yellow	LF	1,000	2.10	2,100.00
66	18" Solid Traffic Stripe, Thermoplastic, White or Yellow	LF	200	2.50	500.00
67	24" Solid Traffic Stripe, Thermoplastic, White or Yellow	LF	200	3.50	700.00
68	4" or 6" Dotted Guide Line, Thermoplastic, White or Yellow (2' stripe - 4' skip). (Length measured at 33% of traversed distance)	LF	1,000	1.30	1,300.00
69	4" or 6" Dotted Extension Line, Thermoplastic, White or Yellow (6' stripe - 10' skip). (Length measured at 38% of traversed distance)	LF	1,000	1.30	1,300.00
70	4" or 6" Skip Traffic Stripe, Thermoplastic, White or Yellow (10' stripe - 30' skip). (Length measured at 25% of traversed distance)	LF	1,000	1.30	1,300.00
71	Message or ADA Symbol, Thermoplastic Pavement Markings, White or Yellow (similar to FDOT Index 711-001, 1 and 13 of 14)	EA	10	145.00	1,450.00

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(\$1.0 Million cap)

ITEM NO.	DESCRIPTION	UNIT	(\$1.0 Million cap)		
			QTY	UNIT PRICE	TOTAL COST
72	Arrows, Thermoplastic Pavement Markings, White or Yellow (similar to FDOT Index 711-001, 1 of 14)	EA	20	75.00	1,500.00
73	Letters or Numbers, Thermoplastic, 36" high x 6" or 8" letter/number width	EA	20	95.00	1,900.00
74	Removal of Existing Traffic Pavement Markings (Thermoplastic & Paint)	LF	2,000	1.00	2,000.00
75	Traffic Delineators, Furnish and Install	EA	100	45.00	4,500.00
76	Traffic Delineators, Removal and Disposal	EA	100	5.00	500.00
77	Traffic sign, single column (FDOT Index 700-010, 2 of 9) installed per M-DPW Dept. Standard Details	EA	10	400.00	4,000.00
78	Relocate existing single column traffic sign, reinstall per M-DPW Dept. Standard Details	EA	10	300.00	3,000.00
79	Inductive Traffic Loop, Remove existing and Install new (Type A, FDOT Index 660-001) connect lead-in to existing handhole or cabinet, 50 LF maximum run	EA	4	1,100.00	4,400.00
	Utility Adjustment				
80	Adjust Existing Utility Manholes	EA	10	350.00	3,500.00
81	Adjust Existing Electrical PullBox	EA	10	330.00	3,300.00
82	Adjust Existing Valve Boxes	EA	20	270.00	5,400.00
83	Adjust Existing Fire Hydrant	EA	5	1,500.00	7,500.00
BASE BID TOTAL					\$ 908,710.00