

# Memorandum



**Date:** December 18, 2019

**To:** Gary Hartfield, Division Director  
Small Business Development

**From:** Juan Kuryla, Port Director  
PortMiami

**Subject:** Recommendation for Construction Contract Services for North Cruise Boulevard Extension Phase III, Contract No. / Project No. 2017-035.03

---

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. 2017-035.03 - North Cruise Boulevard Extension Phase III, to assign Small Business Enterprise (SBE) and Community Workforce Program measures.

**North Cruise Boulevard Extension Phase III:** This project is for the multi lane roadway construction from Port Boulevard to the connection of North Cruise Boulevard adjacent to Cruise Terminal B. The scope of work consists of, but is not limited to: providing all labor, tools, materials, equipment, and incidentals necessary for the complete, functional, and satisfactory construction of a new elevated steel girder "flyer-over" bridge structure with three (3) inbound traffic lanes; construction of new retaining walls; installation of new street lighting; installation of a new drainage system; application of new signing and pavement markings; adjustments to existing utilities; temporary maintenance of traffic, and any supportive ancillary tasks to the primary scope of services, to successfully complete all phases of the project.

The construction cost estimate for the project is \$8,021,725.78, which includes 10% contingency. The SBE goal recommendations are 9.76% for Construction, 2.06% for Goods, and 10.00% for the Community Workforce Program.

We appreciate your assistance, in order to proceed with the advertisement and subsequent bidding of the project. 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.: 2017-035.03

\*Reference corresponding project number when submitting a work order

Contract/Project Title: North Cruise Boulevard Extension Phase III

Description/Scope of Work: See attached

Estimated Cost: \$8,021,725.78

Funding Source: Future Financing

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.  
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: \_\_\_\_\_

Date submitted to DBD: \_\_\_\_\_

Contact Person: Gyselle Pino

Telephone No.: (305) 347-4833

ITEM	UNIT	QUANT.	UNIT PRICE AVERAGE	AMOUNT	SBE-CON	SBE-GOODS
MOBILIZATION	LS	-	\$ -	\$ -	\$ -	\$ -
MAINTENANCE OF TRAFFIC	LS	-	\$ -	\$ -	\$ -	\$ -
CLEARING AND GRUBBING	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ -
REGULAR EXCAVATION	CY	200	\$ 4.39	\$ 879.67	\$ 879.67	\$ -
EMBANKMENT	CY	18584	\$ 11.49	\$ 213,525.79	\$ 213,525.79	\$ -
STABILIZATION, TYPE B	SY	4591	\$ 4.08	\$ 18,732.94	\$ -	\$ -
OPTIONAL BASE GROUP 9 (10" DEPTH)	SY	4591	\$ 11.35	\$ 52,112.48	\$ -	\$ -
PAVEMENT MILLING (AVG. DEPTH 1")	SY	152	\$ 5.00	\$ 758.27	\$ 136.49	\$ -
SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B)	TN	301	\$ 175.00	\$ 52,637.06	\$ 9,474.67	\$ -
ASPHALTIC CONCRETE FRICTION COURSE FC-9.5 (1" DEPTH)	TN	258	\$ 166.37	\$ 42,858.89	\$ 7,714.60	\$ -
CONC. CURB AND GUTTER TYPE F	LF	317	\$ 18.48	\$ 5,858.16	\$ -	\$ -
MEDIAN CONC. BARRIER, TALL GRADE SEP	LF	171	\$ 365.71	\$ 62,536.41	\$ -	\$ -
38" WALL SHIELDING BARRIER	LF	349	\$ 194.00	\$ 67,706.00	\$ -	\$ -
CRASH CUSHION	EA	1	\$ 12,242.19	\$ 12,242.19	\$ -	\$ -
WORK ZONE SIGN	ED	22805	\$ 0.19	\$ 4,332.95	\$ -	\$ 4,332.95
BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871	ED	2920	\$ 0.46	\$ 1,343.20	\$ 241.78	\$ 1,101.42
BARRIER WALL, TEMPORARY, F&I, ANCHORED	LF	255	\$ 38.95	\$ 9,932.25	\$ 1,787.81	\$ 8,144.45
BARRIER WALL, TEMPORARY, F&I, FREE STANDING	LF	1045	\$ 23.13	\$ 24,170.85	\$ 4,350.75	\$ 19,820.10
BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF	872	\$ 12.00	\$ 10,464.00	\$ 1,883.52	\$ 8,580.48
CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	56815	\$ 0.06	\$ 3,408.90	\$ 613.60	\$ 2,795.30
CHANNELIZING DEVICE, TYPE III, 6"	ED	4375	\$ 0.24	\$ 1,050.00	\$ 189.00	\$ 861.00
TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	9	\$ 720.70	\$ 6,486.30	\$ 972.95	\$ 5,513.36
PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	485	\$ 8.03	\$ 3,894.55	\$ 584.18	\$ 3,310.37
SINGLE POST SIGN, REMOVE	AS	1	\$ 23.38	\$ 23.38	\$ 23.38	\$ -
MULTI-POST SIGN, GROUND MOUNT, RELOCATE	AS	2	\$ 3,767.00	\$ 7,534.00	\$ 7,534.00	\$ -
MULTI-POST SIGN, REMOVE	AS	3	\$ 648.00	\$ 1,944.00	\$ 1,944.00	\$ -
RETRO-REFLECTIVE PAVEMENT MARKERS	EA	-	\$ -	\$ -	\$ -	\$ -
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1,649	\$ 621.93	\$ 1,025.56	\$ 923.01	\$ 102.56
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 6"	GM	0.080	\$ 808.75	\$ 64.70	\$ 58.23	\$ 6.47
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.224	\$ 2,820.00	\$ 632.24	\$ 569.02	\$ 63.22
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	33	\$ 0.84	\$ 27.72	\$ 24.95	\$ 2.77
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	16	\$ 1.04	\$ 16.64	\$ 14.98	\$ 1.66
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.155	\$ 357.56	\$ 412.98	\$ 371.68	\$ 41.30
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.261	\$ 615.65	\$ 776.33	\$ 698.70	\$ 77.63
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.013	\$ 367.95	\$ 4.78	\$ 4.31	\$ 0.48
INLET PROTECTION	EA	6	\$ 71.53	\$ 429.18	\$ 321.89	\$ 107.30
CURB INLET, TYPE 5, PARTIAL	EA	1	\$ 2,684.34	\$ 2,684.34	\$ -	\$ -
INLETS, BARRIER WALL, <= 10'	EA	4	\$ 5,400.00	\$ 21,600.00	\$ -	\$ -
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" SD	EA	343	\$ 108.95	\$ 37,369.85	\$ -	\$ -
SINGLE POST SIGN (LESS THAN 12)	AS	4	\$ 386.41	\$ 1,545.64	\$ 278.22	\$ 1,267.42
SINGLE POST SIGN - BARRIER MOUNT (LESS THAN 12)	AS	4	\$ 2,223.94	\$ 8,895.76	\$ 1,601.24	\$ 7,294.52
THERMOPLASTIC (ARROWS)	EA	1	\$ 22.52	\$ 22.52	\$ 20.27	\$ 2.25
THERMOPLASTIC (SOLID WHITE 18")	LF	33	\$ 2.32	\$ 76.56	\$ 68.90	\$ 7.66
THERMOPLASTIC (SOLID WHITE 24")	LF	11	\$ 3.16	\$ 34.76	\$ 31.28	\$ 3.48
THERMOPLASTIC (SOLID WHITE 6")	GM	0.284	\$ 3,850.60	\$ 1,093.57	\$ 984.21	\$ 109.36
THERMOPLASTIC (SOLID WHITE 8")	GM	0.049	\$ 4,923.06	\$ 241.23	\$ 217.11	\$ 24.12
THERMOPLASTIC (10/30 SKIP WHITE 6")	GM	0.563	\$ 1,448.27	\$ 815.38	\$ 733.84	\$ 81.54
THERMOPLASTIC (SOLID YELLOW 6")	GM	0.279	\$ 3,850.00	\$ 1,074.15	\$ 966.74	\$ 107.42
CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	155	\$ 19.49	\$ 3,020.95	\$ 2,175.08	\$ 845.87
CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	960	\$ 40.00	\$ 38,400.00	\$ 27,648.00	\$ 10,752.00
PULL BOX, F&I, 13" x 24" COVER SIZE	EA	2	\$ 891.00	\$ 1,782.00	\$ 1,283.04	\$ 498.96
JUNCTION BOX, FURNISH AND INSTALL, BARRIER WALL EMBEDDED	EA	9	\$ 629.10	\$ 5,661.90	\$ 4,076.57	\$ 1,585.33
LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6	LF	6,000	\$ 2.02	\$ 12,120.00	\$ 8,726.40	\$ 3,393.60
LIGHTING POLE COMPLETE, FURNISH & INSTALL, 25' MOUNTING HEIGHT (1 ARM)	EA	9	\$ 6,336.00	\$ 57,024.00	\$ 41,057.28	\$ 15,966.72
POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL	EA	9	\$ 1,821.60	\$ 16,394.40	\$ 11,803.97	\$ 4,590.43
ADJUST MANHOLE COVER (ADJUSTMENT PER MIAMI DADE WATER SEWER DEPARTMENT STANDARD DETAIL, NO DEVIATIONS ALLOWED) (INCLUDES SITE PREPARATION, REQUIRED FITTINGS AND APPURTENANCES TO ASSURE COMPLETE INSTALLATION ENSURE ABILITY OF THE SYSTEM TO FUNCTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS)	EA	3	\$ 3,600.00	\$ 10,800.00	\$ 10,800.00	\$ -
STRUCT STEEL, LOW ALLOY	LB	707,170	\$ 1.95	\$ 1,378,981.50	\$ -	\$ -
CONCRETE CLASS IV, SUPERSTRUCTURE	CY	510	\$ 1,200.00	\$ 612,147.36	\$ -	\$ -
CONCRETE CLASS II, APPROACH SLABS	CY	136	\$ 400.00	\$ 54,288.21	\$ -	\$ -
CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	328	\$ 625.00	\$ 205,278.66	\$ -	\$ -
CONCRETE CLASS IV, SUBSTRUCTURE	CY	116	\$ 950.00	\$ 110,167.53	\$ -	\$ -
REINFORCING STEEL - SUPERSTRUCTURE	LBS	104,575	\$ 1.05	\$ 109,803.93	\$ -	\$ -
REINFORCING STEEL- APPROACH SLABS	LBS	27,144	\$ 1.05	\$ 28,501.31	\$ -	\$ -
REINFORCING STEEL- SUBSTRUCTURE	LBS	78,368	\$ 1.05	\$ 82,286.49	\$ -	\$ -
PILE AUGER GROUTED, 24" DIA	LF	3,160	\$ 120.00	\$ 379,183.20	\$ -	\$ -
CONCRETE TRAFFIC RAILING-BRIDGE, 36" SINGLE SLOPE	LF	817	\$ 85.00	\$ 69,414.40	\$ -	\$ -
COMPOSITE NEOPRENE PADS	CF	10	\$ 1,500.00	\$ 14,780.52	\$ -	\$ -
BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I	FT	101	\$ 325.00	\$ 32,935.50	\$ -	\$ -
BRIDGE DECK GROOVING & PLANING, DECK 8.5' >	SY	1792	\$ 15.00	\$ 26,880.00	\$ -	\$ -
RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	27629	\$ 30.00	\$ 828,870.00	\$ -	\$ -
MSE WALL BACKFILL	CY	23516	\$ 43.00	\$ 1,011,274.00	\$ -	\$ -
BRIDGE LIGHTING	EA	9	\$ 17,678.44	\$ 159,105.96	\$ 95,463.58	\$ 63,642.38
BRIDGE DRAINAGE	EA	1	\$ 15,100.00	\$ 15,100.00	\$ -	\$ -
MSE WALL SOIL IMPROVEMENT	EA	1	\$ 1,300,000.00	\$ 1,300,000.00	\$ 260,000.00	\$ -
					\$ 782,878.66	\$ 165,035.87

Base Bid Total \$ 7,292,477.98  
Contingency \$ 729,247.80

Base Bid Total & Contingency \$ 8,021,725.78

Dedicated \$ 218,774.34  
TOTAL \$ 8,240,500.12

SBD GOALS (%)	9.76%	2.06%
---------------	-------	-------