

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.: W-889

*Reference corresponding project number when submitting a work order

Contract/Project Title: South Miami Heights Maintenance Facility

Description/Scope of Work: See Attached

Estimated Cost: 40382320 **Funding Source:** Other (specify)

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.
19000 S.W. 108 Ave., South Miami Heights, Florida 33157

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: Not Applicable, Project is not in a DTA.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
0	\$	0%	
0	\$	0%	
0	\$	0%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: Availability among SBE subcontractors.

Date submitted to DBD: 03/29/2016

Contact Person: Isaac Smith

Telephone No.: 786-552-8255

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

To: Gary T. Hartfield, Division Director
Internal Services Department
Small Business Development Division

From: Isaac Smith, Manager
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: SOUTH MIAMI HEIGHTS MAINTENANCE FACILITY

Contract No.: W-889

Estimate Amount: \$40,382,320 [\$36,711,200 Construction + \$3,671,120 Contingency]

Funding Source: EW 258 & EW 658, Future WASD Revenue Bonds & WASD Revenue Bonds Sold

Small Business Enterprise – Construction – 22% Analysis for Recommendation (Attached)
--



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance.

The scope of works consists of the construction of a new Maintenance and Storage Facility for use by the Miami-Dade Water and Sewer Department (WASD). Included as part of the Project will be the construction of a Maintenance and Storage Building encompassing approximately 115,000 square feet, and consisting of a high-bay area housing maintenance and storage bays, flanked by two (2) 2-story structures intended to house warehousing, repair shops and an administrative office component located on the 2nd level of the Shops Building. In addition to the Maintenance and Storage Building, the Project also includes construction of a 3-story / 420 vehicle parking structure for use by WASD staff assigned to the Facility, as well as a fueling island intended to serve WASD and other County owned vehicles. In addition to construction of building and related support facilities, the project will include installation of a 1,500 KW and 60 KW diesel generator, complete with aboveground fuel tanks, the complete site development, including but not necessarily limited to the construction of exterior storage areas; the construction of asphalt and concrete pavement areas for heavy equipment parking, interior site roads along with all related grading and drainage, site lighting, fencing, landscaping and irrigation for the proposed site. The work is located and will be constructed on vacant WASD owned land at 19000 S.W. 108th Avenue, South Miami Heights, Florida 33157.

CONSIDERATIONS FOR ANALYSIS:

1. This project involves the construction of a multi-story CBS 115,000 square feet facility and a three (3) story / 420 vehicle 106,000 square feet parking garage.
2. The project also includes construction of two (2) 2-story structures intended to house warehousing, repair shops and administrative offices.
3. In general, the successful bidder shall provide temporary power, and shall have unit responsibility for satisfactory installation of all diesel generators, fire protection systems, fire alarm systems, data control center, maintenance repair shop equipment, yard piping, drainage utilities, restrooms, administrative offices, storage areas and fueling station for County owned vehicles.
4. **This project is recommended for SBE-Const participation goal of 22%.**

LICENSES: The types of licenses required are: State General Contractor, General Engineering Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

COMMUNITY WORKFORCE PROGRAM

CWP PARTICIPATION: Not Applicable, project is not located in a DTA.

Sub-Contractor Goal - 22%					
Analysis for Recommendation					
Item	Description	Estimated Cost	% of Item to SBE Total	^(a) SBE Availability	Value
1	Mobilization	\$ 1,101,300	2.73%		
2	Civil / Site Improvements	\$ 5,889,000	14.58%	20%	\$ 1,177,800
3	Landscaping / Irrigation	\$ 543,600	1.35%	75%	\$ 407,700
4	Structural	\$ 10,440,600	25.85%	10%	\$ 1,044,060
5	Architectural	\$ 5,650,000	13.99%	35%	\$ 1,977,500
6	Finishes	\$ 780,000	1.93%	75%	\$ 585,000
7	Specialties	\$ 650,000	1.61%	20%	\$ 130,000
8	Fueling System	\$ 475,000	1.18%	-	
9	Metal Canopy & AL Panels	\$ 735,500	1.82%	-	
10	Mechanical - HVAC	\$ 1,980,000	4.90%	30%	\$ 594,000
11	Plumbing	\$ 805,200	1.99%	74%	\$ 595,848
12	Fire Protection	\$ 950,000	2.35%	-	
13	Electrical	\$ 3,388,000	8.39%	42%	\$ 1,422,960
14	Asphalt Pavement	\$ 2,628,000	6.51%	25%	\$ 657,000
15	Reinforced Concrete Pavement	\$ 695,000	1.72%	70%	\$ 486,500
SUB-TOTAL		\$ 36,711,200			
Contingency allowance (10%)		\$ 3,671,120	9.09%		
SBE - TOTAL		\$ 40,382,320		SBE - Value	\$ 9,078,368
Ded. Allowances - Permits Fees (3%)		\$ 1,101,336		SBE - Constr	22%
Ded. Allowances - Soil Mediation		\$ 1,750,000	(a) Note: See Exhibit "A", attached for recommended SBE participation.		
Ded. Allowances - Providing CIH		\$ 50,000			
PROJECT GRAND TOTAL		\$ 43,283,656			

EXHIBIT "A"
AREAS OF PARTICIPATION FOR SBE-CONSTR
CONTRACT W-889

2 Civil / Site Improvements

Clearing & Grubbing	\$	38,013
Excavation & Subgrade	\$	297,101
Fencing	\$	87,030
Concrete Curb	\$	123,042
Concrete Sidewalk	\$	38,413
Backfill & Subgrade	\$	594,202
Subtotal	\$	1,177,800

3 Landscaping / Irrigation

Trees - up to 14-inches ht.	\$	57,699
Palm Trees	\$	100,973
Sod	\$	89,253
Shrubs	\$	42,072
Irrigation	\$	117,702
Subtotal	\$	407,700

4 Structural

Slab on Grade	\$	176,525
Welded wire fabric	\$	122,306
Elevated Slab	\$	578,749
Reinf. CMU	\$	135,966
Concrete Block Wall	\$	30,514
Subtotal	\$	1,044,060

5 Architectural

Metal Doors & Frames	\$	112,983
Wood Doors & Frames	\$	13,798
Aluminum Storefront - Impact	\$	524,920
Door Hardware	\$	57,991
Gates & Operator	\$	134,980
Counter & Cabinets	\$	123,981
Aluminum Door	\$	29,995
Modified Bitumen Roofing	\$	405,938
Acoustic Ceiling	\$	104,984
Ornamental Railings	\$	167,975
Tile Work - Porcelain & Vinyl	\$	273,958
Carpet	\$	25,996
Subtotal	\$	1,977,500

6 Finishes

Painting Interior Doors & Walls	\$	51,490
Painting CMU	\$	155,554
Stucco	\$	161,697
Painting Stucco	\$	28,365

	Parking Level Sealer	\$	187,894
	Subtotal	\$	585,000
7	Specialties		
	Toilet Compartment	\$	66,255
	Signage	\$	23,089
	Vapor Barrier	\$	21,583
	Guardrails & Railings	\$	19,073
	Subtotal	\$	130,000
10	Mechanical - HVAC		
	AHU	\$	211,107
	Ductwork	\$	340,372
	In-Line Fans	\$	9,505
	Circulating Fans	\$	33,017
	Subtotal	\$	594,000
11	Plumbing		
	Domestic Water Piping	\$	58,805
	Sanitary, Waste & Vent Piping	\$	94,008
	Storm Drainage Piping	\$	58,305
	Compressed Air Piping	\$	30,002
	Water Closet	\$	28,802
	Air Compressor	\$	28,802
	Water Cooler, Sink & Laboratory	\$	35,203
	Water Heaters	\$	11,301
	Yard Piping & Fittings	\$	130,811
	Valves	\$	32,303
	Floor Drains & Cleanouts	\$	87,507
	Subtotal	\$	595,848
13	Electrical		
	Primary Feeder - PVC Sch. 40	\$	16,810
	Underground Ductbank	\$	201,122
	Basic Electrical Material	\$	518,313
	Site Lighting	\$	185,412
	Feeder Wiring	\$	150,091
	Receptacles	\$	15,009
	Lighting	\$	336,203
	Subtotal	\$	1,422,960
14	Asphalt Pavement	Subtotal	\$ 657,000
	Reinforced Concrete		
15	Pavement	Subtotal	\$ 486,500

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

To: Gary T. Hartfield, Division Director
Internal Services Department
Small Business Development Division

From: Isaac Smith, Manager
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

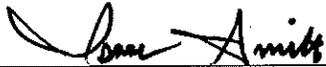
Contract Title: SOUTH MIAMI HEIGHTS MAINTENANCE FACILITY

Contract No.: W-889

Estimate Amount: \$40,382,320 [\$36,711,200 Construction + \$3,671,120 Contingency]

Funding Source: EW 258 & EW 658, Future WASD Revenue Bonds & WASD Revenue Bonds Sold

Small Business Enterprise – G & S – 5.59% Analysis for Recommendation (Attached)



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance.

The scope of works consists of the construction of a new Maintenance and Storage Facility for use by the Miami-Dade Water and Sewer Department (WASD). Included as part of the Project will be the construction of a Maintenance and Storage Building encompassing approximately 115,000 square feet, and consisting of a high-bay area housing maintenance and storage bays, flanked by two (2) 2-story structures intended to house warehousing, repair shops and an administrative office component located on the 2nd level of the Shops Building. In addition to the Maintenance and Storage Building, the Project also includes construction of a 3-story / 420 vehicle parking structure for use by WASD staff assigned to the Facility, as well as a fueling island intended to serve WASD and other County owned vehicles. In addition to construction of building and related support facilities, the project will include installation of a 1,500 KW and 60 KW diesel generator, complete with aboveground fuel tanks, the complete site development, including but not necessarily limited to the construction of exterior storage areas; the construction of asphalt and concrete pavement areas for heavy equipment parking, interior site roads along with all related grading and drainage, site lighting, fencing, landscaping and irrigation for the proposed site. The work is located and will be constructed on vacant WASD owned land at 19000 S.W. 108th Avenue, South Miami Heights, Florida 33157.

CONSIDERATIONS FOR ANALYSIS:

1. This project involves the construction of a multi-story CBS 115,000 square feet facility and a three (3) story / 420 vehicle 106,000 square feet parking garage.
2. The project also includes construction of two (2) 2-story structures intended to house warehousing, repair shops and administrative offices.
3. The Department has evaluated the project for possible opportunities for participation in the area of SBE – Goods and Services. Based on the scope and nature of the work, we have concluded that there are a wide range of opportunities for participation on this project. The recommended areas of participation for SBE Goods & Services providers includes the possible areas:

Analysis for SBE - G & S		
1	Acoustical Tiles	\$ 105,000
2	Paint	\$ 106,000
3	Piping, Valves & Fittings	\$ 375,000
4	Coatings & Sealants	\$ 104,000
5	Fans	\$ 42,500
6	Tile	\$ 274,000
7	Electric Door Operator	\$ 119,500
8	Steel Doors & Frames	\$ 113,000
9	Wooden Doors & Fames	\$ 13,800
10	Steel Canopy	\$ 18,000
11	Electr. Conduits - Plastic	\$ 16,800
12	Lighting	\$ 336,000
13	Fencing	\$ 87,000
14	Elevators	\$ 342,000
15	Irrigation Systems	\$ 117,500
16	Toilet Partitions & Doors	\$ 66,000
17	Signs	\$ 23,000
SBE - G & S Total		\$ 2,259,100
SBE - G & S %		5.59%