

SBD - CM Review Form

To: Project Review and Analysis (CONSTRUCTION)	Alfredo E. Munoz Chief, Capital Improvements Division
From: SBD Construction Project Manager - Andrew Burgess	
Department: Department Miami-Dade Parks, Recreation and Open Spaces	
PROS	
Date: 4/4/2023	Contact:
	Resubmittal:

PROJECT NUMBER:	CIP227A-DTPW22-CT
CONTRACT NO.	
PROJECT TITLE:	South Miami-Dade Electric Bus Maintenance Facility
PROJECT LOCATION:	

SCOPE OF WORK/DESCRIPTION: Miami-Dade County (County) Department of Transportation and Public Works (DTPW) has identified the need to construct a new Electric Bus Maintenance Facility (EBMF) with approximately 54,414 square feet to maintain, energize, and operate a new fleet of 100 articulated (60-ft) battery-electric-buses (BEB) with approximately 27,762 square feet for transportation (dispatch and driver areas) with all the functional requirements and characteristics to maintain and operate this fleet from this new location. Miami-Dade County current facilities do not have the capacity nor the infrastructure to maintain, energize, and/or operate electric buses, thus the proposed site is to include the standard space requirements that would be needed to accommodate the required equipment, furnishing and infrastructure to operate and maintain this new fleet. The proposed South Dade Electric Bus Maintenance Facility (EBMF) is anticipated to serve an integral component for bus operations in the South Dade region of the County and will provide the following functional spaces:

- Bus Maintenance
- Bus Operations & Administration
- Parts Storage
- Body Repair & Paint
- Service & Wash Lanes
- Security/Vault Pull
- Facilities & Systems Maintenance
- Shared Space
- Covered parking for 100 articulated (60-ft) battery-electric-buses.
- 252 Employee / Visitor top parking
- Gate Maintenance Building

LICENSES: The bidders shall meet license and experience requirements as noted on the project documents and specifications and shall follow County guidelines.

SPECIAL REQUIREMENTS:
 At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami- Dade County, Florida, the Bidder must hold a valid, current, and active:
 1.Certificate of Competency from the County’s Construction Trades Qualifying Board as a General Engineering Contractor, General Building Contractor; or,
 2.The State of Florida General Contractor License, as required by the Florida Building Code, pursuant to the provisions of Section 489.115 of the Florida Statute.

EXPERINCE REQUIRMENT:
 Contractor should be able to demonstrate its competence through prior comparable project experience and is Preferred to have completed (3) Construction Projects within last 15 years of similar size and scope (such as institutional, transportation and parking) each \$75M or more in construction value. Experienced in accelerated and phased approach project delivery is highly desired.

DIVISIONS	DESCRIPTIONS	PERCENTAGE	COST	COMMENTS
PRIME				
1.00	General Requirements	6.56%	\$12,270,000.00	No opportunities for Small Businesses
SUB-CONTRACTOR				
2.00	Existing Conditions	0.09%	\$173,938.50	Possible Small Business opportunities.
3.00	Concrete	8.47%	\$15,857,947.39	Possible Small Business opportunities.
4.00	EXTERIOR WALL	7.07%	\$13,224,600.89	
5.00	METAL	6.49%	\$12,155,129.28	
6.00	WOOD, PLASTICS, COMPOSITES	0.45%	\$851,531.87	
7.00	ROOFING, WATERPROOFING, INSULATION	3.05%	\$5,702,636.90	
8.00	OPENINGS	0.40%	\$740,617.20	
9.00	FINISHES	2.66%	\$4,981,203.84	
10.00	SPECIALTIES	0.47%	\$884,960.46	No opportunities for Small Businesses
11.00	EQUIPMENT	4.40%	\$8,237,928.72	
14.00	CONVEYING EQUIPMENT	0.13%	\$245,400.00	

Initial: 

21.00	FIRE SUPPRESSIONS	1.45%	\$2,707,942.99	* Possible Small Business Opportunities
22.00	PLUMBING	2.67%	\$4,989,065.85	
23.00	HVAC	4.36%	\$8,159,811.76	
26.00 to 28.00	ELECTRICAL, COMMUNICATION, SAFETY	12.22%	\$22,870,313.74	
26.00 to 28.00	EV CHARGING STATION AND INFRASTRUCTURE	11.76%	\$22,019,067.15	Possible Small Business opportunities.
26.00 to 28.00	SITE SECURITY / GATES	0.19%	\$357,875.00	* Possible Small Business Opportunities
31.00	EARTHWORK	0.26%	\$490,800.00	
32.00	EXTERIOR IMPROVEMENTS	3.39%	\$6,353,055.28	
33.00	UTILITIES	2.51%	\$4,697,836.37	Possible Small Business Opportunities
	Division SubTotal	79.05%	\$147,971,663.19	
	General Contractor's Overhead, Profit and Bond	7.91%	\$14,797,166.32	
	Base Estimate	86.96%	\$162,768,829.48	
	Contingency Allowance (10%)	8.70%	\$16,276,882.95	
	Base + Contingency Allowance	95.65%	\$179,045,712.43	
	Escalation to Mid Point of Construction, 4% per annum. Allow 15 Months to mid point of Construction (Construction period - 18 Months)	4.35%	\$8,138,441.47	
	Base + Contingency Allowance + Escalation	100.00%	\$187,184,153.90	
	Total Estimated Cost - CONSTRUCTION	100.00%	\$187,184,153.90	

Small Business Development CM Signature:  Date: **4/4/2023**
***Prime/Sub-Contractor identified for possible small business opportunities by SBE-CON**
DTPW is recommending **20.00%** **SBE - CON GOAL**

Initial: 