

Memorandum



Date: April 7, 2015

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

A handwritten signature in blue ink, consisting of a large, loopy initial "F" followed by several vertical strokes and a final loop.

From: Fernando V. Ponassi
Manager, Contracts Administration
Design and Construction Services Division
Internal Services Department

Subject: Notice of Design-Build Project
Design-Build Services for the new Miami-Dade Police Department Academy Building
ISD Project No. DB15-ISD-01 / ISD Contract No. W150000

The Internal Services Department (ISD) is requesting that the subject project be reviewed for Community Business Enterprise (CBE) and Community Small Business Enterprise (CSBE) measures. The project scope results on a base estimate cost of \$304,514 for the design portion, and a base estimate cost of \$2,810,266 for the construction portion. The total estimated cost of the project, including contingency allowances, is \$3,285,744.

- **Design-Build Services for the new Miami-Dade Police Department (MDPD) Academy Building located at 9601 NW 58th Street, in Miami, FL 33178. Project No. DB15-ISD-01, ISD Project No. W150000.**

This project consists of the design and construction of a new, classroom/training facility, consisting of approximately 15,300 square feet of total constructed area. The facility shall be a fully air-conditioned reinforced masonry/concrete block structure. The maximum building occupancy is estimated at 300.

In addition, an illuminated asphalt parking lot shall be constructed in the adjacent open space to the west of the proposed facility and within the boundary of the existing perimeter road. The parking lot shall accommodate a minimum of 70 parking spaces and include accessible walkways to the new facility, appropriately landscaping and with adequate storm drainage facilities. The selected Design-Builder shall also be responsible for providing a detailed cost estimate in 2004 CSI Master Format, and for incorporating Leadership in Energy and Environmental Design (LEED) approved green building practices. Pursuant to County Implementing Order No. 8-8 "Sustainable Building Program," all new construction projects shall be required to attain "Silver" or higher certification level under the LEED-NC Rating System. The participation of experienced LEED®AP professionals is required in order to achieve optimum results in the application of said practices.

The following Technical Certifications for the design portion of this project are required:

A&E Technical Certification Categories

Description	Percentage	Amount
14.00 Architecture (Lead A&E)	40%	\$133,986
18.00 Architectural Construction Management (Lead A&E)	6%	\$20,098
11.00 General Structural Engineering	16%	\$53,594
12.00 General Mechanical Engineering	10%	\$33,497
13.00 General Electrical Engineering	10%	\$33,497
16.00 General Civil Engineering	8%	\$26,797
17.00 Engineering Construction Management	5%	\$16,748
20.00 Landscape Architecture	3%	\$10,049
22.00 ADA Title II Consultant	2%	\$6,699
Total Estimated Design Fees	100%	\$334,965

Minimum qualifications will be required, as follows:

- 1) Lead Consultant will be required to be certified in Technical Categories 14.00 and 18.00;
- 2) Consultant certified in Technical Category 11.00 will be required to have a threshold inspector;
- 3) Consultant certified in Technical Category 16.00 will be required to have experience in Landfill Sites.

Applicable trades for the construction portion of the project will be required to perform the erection of a two-story reinforced masonry or concrete block structure, concrete floor slabs, roofing assembly, framing, interior partitions, drywall and finishing, painting, heating, ventilation and air conditioning systems, asphalt paving including curbs and drainage, landscaping, plumbing system, electrical/electronic systems, and fire alarm system. For further details, please see Departmental Input Construction Contract/Project Measure Analysis and Recommendation (attached). It is recommended that a **28.00 % CBE**, a **21.00% CSBE**, and a **3% SBE** goals be established for this project.

In order to proceed with the advertisement and bidding of this project, we would like to request a determination from your office. Should you have further questions, please feel free to contact Francisco Suarez, AIA, Project Manager, at (305) 375-1112.

cc: Tara C. Smith, Assistant Director, ISD
Asael Marrero, AIA, Acting Division Director, ISD
Francisco Suarez, AIA, LEED®AP, Acting Manager, ISD
Curt Williams, Sr. Consultant Selection Coordinator, ISD
Laurie Johnson, Manager, SBD
Kelly Duncombe, SBD
Vivian Walters, SBD
Project File

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.: DB15-ISD-01 / W150000

Contract/Project Title: Design-Build Services for Miami-Dade Police Department (MDPD) Academy Building

Description/Scope of Work: This project consists of the design and construction of a new, classroom/training facility, consisting of approximately 15,300 square feet of total constructed area. The facility shall be a fully air-conditioned reinforced masonry/concrete block structure. The maximum building occupancy is estimated at 300.

In addition, an illuminated asphalt parking lot shall be constructed in the adjacent open space to the west of the proposed facility and within the boundary of the existing perimeter road. The parking lot shall accommodate a minimum of 70 parking spaces and include accessible walkways to the new facility, appropriately landscaping and with adequate storm drainage facilities. The selected Design-Builder shall also be responsible for providing a detailed cost estimate in 2004 CSI Master Format, and for incorporating Leadership in Energy and Environmental Design (LEED) approved green building practices. Pursuant to County Implementing Order No. 8-8 "Sustainable Building Program," all new construction projects shall be required to attain "Silver" or higher certification level under the LEED-NC Rating System. The participation of experienced LEED®AP professionals is required in order to achieve optimum results in the application of said practices.

Estimated Cost: \$3,285,744

Funding Source: Capital Index Code CPE314PDTRAI

Project Location: 9601 N.W. 58th Street, in Miami, FL 33178

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
01. General Requirements	4	120
02. Site Construction	8	150
03. Concrete	8	150
04. Masonry and Stone	8	200
05. Metal	6	120
06. Wood and Plastic	4	60
07. Thermal and Moisture Protection	5	120
08. Doors and Windows	4	120
09. Finishes	6	120
10. Specialties	4	60
11. Equipment	3	60
12. Furnishings	N/A	0
13. Conveying Systems (Elevator)	2	90
14. Mechanical	6	150
15. Electrical	6	150

Comments: N/A

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment ☐

Sub-Trade	Estimated Cost	% of Item to Base Bid	Availability
01. General Requirements	\$265,570	9.00%	
02. Site Construction			
02.01 Earthwork	\$59,016	2.00%	
02.02 Paving & Drainage	\$324,586	11.00%	
02.03 Site Utilities	\$29,508	1.00%	
02.04 Landscaping/Irrigation	\$88,523	3.00%	
03. Concrete	\$206,555	7.00%	
04. Masonry and Stone	\$236,062	8.00%	
05. Metal	\$59,016	2.00%	
06. Wood and Plastic	\$29,508	1.00%	
07. Thermal and Moisture Protection	\$29,508	1.00%	
08. Doors and Windows	\$29,508	1.00%	
09. Finishes			
09.01 Metal Framing/Gypsum Board	\$59,016	2.00%	
09.02 Stucco/Cladding	\$29,508	1.00%	
09.03 Tile	\$118,031	4.00%	
09.04 Painting	\$29,508	1.00%	
09.05 Acoustical Treatments	\$29,508	1.00%	
10. Specialties			
10.01 Louvers/Signage/Toilet Accessories	\$59,016	2.00%	
11. Equipment			
11.01 Kitchen/Classroom Marker Boards	\$29,508	1.00%	
12. Furnishings	N/A	N/A	
13. Conveying Systems (Elevator)	\$88,523	3.00%	
14. Mechanical			
14.01 Plumbing	\$88,523	3.00%	
14.02 Fire Protection	\$118,031	4.00%	
14.03 Heating/Ventilating/Air-Conditioning	\$324,586	11.00%	
15. Electrical	\$442,617	15.00%	
ESTIMATED CONSTRUCTION COST (CSBE)	\$ 2,773,732	94.00%	

RECOMMENDATION

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

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (SBE) See attachment ☐

Sub-Trade	Estimated Cost	% of Item to Base Bid	Availability
01. Project Photography	\$5,901	0.20%	
02. Security/Fencing	\$5,901	0.20%	
03. Construction Cleaning Services	\$8,852	0.30%	
04. Shop Drawings	\$5,901	0.20%	
05. Scheduling/Estimating	\$29,508	1.00%	
06. Field Surveying	\$17,704	0.60%	
07. Temporary Utilities/Portable Toilets	\$14,754	0.50%	
08. LEED Consultant (General Contractor's Rep.)	\$29,508	1.00%	
12. Rental Equipment/Scaffolding	\$44,264	1.50%	
13. Trash/Storage Containers (20 ton.)	\$14,754	0.50%	
ESTIMATED CONSTRUCTION COST (CBE)	\$177,047	6.00%	
ESTIMATED CONSTRUCTION COST (TOTAL)	\$2,950,779	100.00%	

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

Basis for Recommendation: ISD respectfully requests that a 21.00% CSBE goal and a 3.00% SBE goal be established for this.

Date submitted to SBD/RER: April 7, 2015

Contact Person: Francisco Suarez, R.A., ISD

Telephone No.: 305-375-1112