


Memorandum



Date: September 24, 2018

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

From: Dave Downey, Fire Chief 
Miami-Dade Fire Rescue Department

Subject: Architectural and Engineering services for the Miami-Dade Fire Rescue Department (MDFRD) for the design of two (2) new Miami-Dade County Fire Rescue Stations Review Committee Meeting.; Project No. A18-MDFR-02; Project Title: Fire Station rebuilds-Coastal Areas. Design Services for Miami-Dade County Fire Stations No.20 and No.21

Miami-Dade Fire and Rescue Department (MDFRD) is requesting that the subject project be reviewed for Small Business Enterprises (SBE) measures for Architectural and Engineering (A/E), in order to proceed with the advertisement and subsequent consultant selection for this project.

MDFRD intends to retain one (1) qualified firm under a Professional Services Agreement (PSA) for this project. In general, the work consists of the Architectural and Engineering Design Services, preparation of complete construction plans and permitting and construction management services for the design of two (2) fire rescue stations, to replace obsolete facilities. Station No. 20 to be located on 13000 NE 16th Avenue, North Miami, Florida 33161 and Station No. 21 to be located on 10500 Collins Avenue, Miami, Florida 33154. The term for this PSA is Five (5) years including a one year warranty period.

MDFRD is recommending a twenty percent (20%) SBE A/E. Attached is the Departmental Input Worksheet and the Notice to Professional Consultants for your review and approval. Should you have any questions, please contact Angel H. Lamela, Division Manager, Facilities and Construction Division (786)331-4502 or angel.lamela@miamidade.gov.

Attachments:
Project Measures Analysis and Recommendation
Project Cost Estimate
Professional Consultant Services Estimate

C: Angel H. Lamela, MDFRD

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Contract/Project Title: Fire Station rebuilds – Coastal Areas. Design Services for Miami-Dade County Fire Rescue Stations No. 20 and No. 21.

Contract/Project No. A18-MDFR-02

Description: Professional Architectural and Engineering Services for the design of two (2) Miami-Dade County new Fire Rescue Stations to replace obsolete facilities.

DEPARTMENT: Miami-Dade Fire Rescue Department (MDFRD) **CONTACT:** Angel H. Lamela
PHONE: (786) 331-4502

Estimated Cost: \$800,000.00

Funding Sources: Future Bond / MDFR Operations Budget

ANALYSIS

Commodity/Service No. _____ SIC: _____
Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) Years
Check Here if this is a New Contract/Purchase with no Previous History

	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
Contractor _____	_____	_____	_____
Ethnicity/Race _____	_____	_____	_____
Gender _____	_____	_____	_____
Contract Value _____	_____	_____	_____

COMMENTS: _____

RECOMMENDATIONS

<u>SBE GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>
<u>20 A/E</u> %	_____	_____
_____ %		

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
_____	\$ _____	_____	_____
Total:	\$ _____	_____	_____

Basis for Recommendation: MDFRD proposes that the goal can be achieved with the following trades: 11.00-General Structural Engineering 10%, and 16.00-General Civil Engineering 10%.

By: Dave Downey, Fire Chief Date: _____ Miami-Dade Fire Rescue Department Date: _____

MIAMI-DADE COUNTY

Miami-Dade Fire Rescue Department P S A

A18-MDFR-02

Cost Estimate for Fire Station rebuilds-Coastal Areas. Design Services for Miami-Dade County Fire Stations No.20 and No.21

To establish a Professional Services Agreement to employ a consultant to provide Architectural and Engineering services for the Miami-Dade Fire Rescue Department (MDFRD) for the design of two (2) new Miami-Dade County Fire Rescue Stations.

Station 20 - estimated cost of \$400,000.00

Station 21 – estimated cost \$400,000.00

The estimated contract amount will be approximately \$800,000.00

Your cooperation in reviewing this request will be greatly appreciated.

MIAMI-DADE COUNTY

Miami-Dade Fire Rescue Department P S A

A18-MDFR-02

Professional Consultant Services

Disciplines Cost Estimate

Fire Station rebuilds-Coastal Areas. Design Services for Miami-Dade County Fire Stations No.20 and No.21

DISCIPLINE	ESTIMATED FEE
Architectural	\$300,000.00
Civil	\$140,000.00
Structure	\$80,000.00
MEP	\$130,000.00
Landscape	\$30,000.00
LEED	\$75,000.00
Architectural Coordination and Construction Management	\$45,000.00

Your cooperation in reviewing this request will be greatly appreciated.

MIAMI-DADE COUNTY, FLORIDA
NOTICE TO PROFESSIONAL CONSULTANTS
MIAMI-DADE COUNTY FIRE RESCUE DEPARTMENT
FIRE STATION REBUILDS – COASTAL AREAS
DESIGN SERVICES FOR MIAMI-DADE COUNTY FIRE RESCUE STATIONS No. 20 AND No. 21
ISD PROJECT NO. A18-MDFR-02

The County Mayor, Miami-Dade County, pursuant to the Miami-Dade Fire Rescue Department (MDFRD) Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the County Code, Chapter 287.055, Florida Statutes and Administrative Order 3-39, announces that MDFRD will require one (1) Consultant to provide professional architectural and engineering services for design Miami-Dade County Fire Rescue Station No. 68 for the Miami-Dade Fire Rescue Department (MDFRD).

SCOPE OF SERVICES

Professional Architectural and Engineering Design Services will be required by MDFRD for preparation of complete construction plans and permitting and construction management services for the design of two (2) fire rescue stations, to replace obsolete facilities. Station No. 20 to be located on 13000 NE 16th Avenue, North Miami, Florida 33161 and Station No. 21 to be located on 10500 Collins Avenue, Miami, Florida 33154. The term for this PSA is Five (5) years including a one year warranty period.

The scope of services will include, but not be limited to, the design of two (2) fire rescue stations, to include lobby, office area, work room, EMS Storage, exercise room, day-room, kitchen, dorms, bathrooms, study room, necessary parking areas and all related spaces to be constructed on County-owned property.

The selected Consultants will coordinate program and preliminary design prepared by MDFRD and proceed with and design development, engineering, prepare construction and contract documents, assist with permitting, bid services, contract award, and construction administration services during construction. The Consultants selected will be required to work in coordination with MDFRD staff to deliver the necessary design documents to ensure the timely completion of the project.

Services to be provided by the Consultants will include, but are not limited to, the following:

Full Architectural and Engineering Services necessary to prepare the Architectural Program, Construction Plans and Specifications, and Bid Documents as well as to provide for Construction Supervision Services for the Miami-Dade Fire Rescue Department Stations No. 20 and No. 21

1. Assessment of current site conditions
2. Develop technical specification and construction documents;
3. Development of FF&E recommendations and schedule, for Owner's review and approval
4. Indicate on floor plans the location of all FF&E items, cross-referenced to FF&E schedule sheet
5. Estimates of Probable Construction Costs
6. Providing complete and biddable Construction Documents for a Design that conforms with the governing edition of the Florida Building Code, its referenced codes, and local amendments as applicable; Test Protocols for High-Velocity Hurricane Zones; products that have been approved for use on buildings in Miami-Dade County; ADA regulations; State and Federal regulations
7. Providing Construction Documents that include but not be limited to all required space layouts, including all fixed cabinetry; casework; coordination of FF&E with electrical, HVAC, plumbing, and structural supports for all required equipment
8. Providing Interior Design Services necessary to detail and specify all finished surfaces and assemblies, including color schemes for the Owner's review and approval, and building presentation renderings

9. Providing power and design as required to meet telecommunications, data, security, and any audio-visual requirements of the Building
10. Providing any phasing plans to facilitate the proposed construction if necessary
11. Assist MDRFD in permitting and regulatory interaction with agencies as required
12. Assist MDRFD in the bid process, including responding to Request for Information (RFI's), reviewing bids, preparation of conformed documents
13. Provide design services during construction including, but not limited to, reviewing and responding to all contractor submittals, review and respond to all contractor claims, Change Orders, review and respond to RFI's, start up and testing services and review of final certification documents provided by the contractor;
14. The Design Consultants shall coordinate project progress and submittals with MDRFD's Representative/Project Manager.
15. Participate in project coordination and regular Owner-Architect-Contractor's meetings
16. Providing Contract Administration and Warranty Administration Services
17. Providing building design concepts towards obtaining LEED Certification for the project as per Miami-Dade County Ordinance 07-65, Sustainable Building Program and Implementing Order 8-8 and incorporating Solar power design.

MDFRD intends to retain One (1) qualified consultant under a Non-Exclusive Professional Services Agreement (PSA) with an effective term of five (5) years or until completion of the facility, including the one-year warranty period, whichever occurs first. The proposal received for this project will be reviewed and ranked by the Competitive Selection Committee members. The highest ranked, responsive and responsible firm will be selected and forwarded to the County Mayor or the Mayor's designee for negotiations and award.

The County reserves the right to re-use the work products of the retained Consultants and to retain other Consultants to provide the same or similar services at its sole discretion.

MINIMUM EXPERIENCE AND QUALIFICATIONS

The Prime and/or Subconsultants (Team) submitting a proposal must be experienced in the design, permitting and construction management of Fire Rescue Station Facilities. LEED Certification and experience with solar power design is preferred.

The Team shall demonstrate experience with at least two (2) successfully designed, constructed and currently operating new/upgraded Fire Rescue Station(s)

The determination of the individual's qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County. The Competitive Selection Committee may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualifications(s).

A/E TECHNICAL CERTIFICATION REQUIREMENTS

14.00 Architecture (PRIME)

18.00 Architectural Construction Management (PRIME)

22.00 ADA Title II Consultant (PRIME)

- 7.00 Telecommunications Systems
- 9.02 Geotechnical and Materials Testing
- 10.01 Stormwater Drainage Design Engineering Services
- 10.05 Contamination Assessment and Monitoring

- 10.10 Coastal Processes and Ocean Engineering
- 11.00 General Structural Engineering
- 12.00 General Mechanical Engineering
- 13.00 General Electrical Engineering
- 15.01 Land Surveying
- 15.03 Underground Utility Location
- 16.00 General Civil Engineering
- 20.00 Landscape Architecture
- 27.00 LEED AP (LEED Accredited Professional)

To satisfy the technical certification requirements for the requested services, valid technical certification in all of the above-specified area(s) of work must be held by a firm responding as a sole respondent, or a team of firms. Teams of firms must designate one of its members as the “prime consultant”. The **Prime Consultant** will be held responsible for the coordination of all work and must hold technical certification in **Categories 14.00 – Architecture, 18.00 Architectural Construction Management and 22.00 ADA Title II Consultant**. Joint ventures shall not be allowed. Furthermore, if an individual is providing services that require technical certification by Miami-Dade County, the individual is required to have the relevant certification(s). Individuals who are not technically certified will not be allowed to perform work for those scopes of work requiring technical certification. Additionally, firms that list other areas of work as supplements to the required technical certifications must also be certified for those supplemental areas.

BREAKDOWN LIST

Technical Categories (TC)	Description	TC SBE %
11.00 Sub	General Structural Engineering	10
16.00 Sub	General Civil Engineering	10
	TOTAL	20