

Memorandum



Date: February 23, 2018

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

From: Milton L. Collins, Associate Director *MJC*
Miami-Dade Aviation Department, Minority Affairs Division

Subject: Re-submittal Request of Contract Measures
General MEP Engineering & Design Services
ISD Project No. E17-MDAD-02, B

RECOMMENDATION:

This is a re-submittal request for Small Business Development (SBD) to approve the subject project in order for the Aviation Department to proceed with the approval of the **General MEP Engineering & Design Services, Project No. E17-MDAD-02, B**. A Project Worksheet was received for this project on 06/16/17, and has also expired. There were no other changes. We are requesting SBE to review and approve the attached re-submittal in order to receive a current Project Worksheet.

Background: The original Request for Contract Measures was submitted on June 22, 2016 under previous ISD Project No. E16-MDAD-07. The resulting Small Business Development (SBD) Project Worksheet has since expired. Project Worksheet attached. In addition to the expiration of the goals set by SBD, the solicitation's ISD Project Number has changed from **E16-MDAD-07 to E17-MDAD-02, B** in order to reflect the new calendar year. Further, the three (3) Professional Services Agreements (PSAs) noted under original ISD Project No. E16-MDAD-07 have been segregated in order to address varying SBE goal recommendations.

ISD Project No. E17-MDAD-02, B will be advertised to solicit proposals in response to two (2) PSAs with a 15% SBE-A&E and 1% SBE-G&S goal, each. The remaining PSA will be concurrently advertised, under separate ISD Project No. E17-MDAD-02, A, as an SBE-A&E Set-Aside with a 1% SBE-G&S Goal. Both ISD Project No. E17-MDAD-02, A and E17-MDAD-02, B will be advertised and selected concurrently. Likewise, formal Contract Measures request for E17-MDAD-02, A has been submitted concurrently with this request.

The Term of the Agreement will be Two (2) PSAs, each with a five (5) year effective term. The Contract Estimated Amount is \$2,000,000.00, each/\$4,000,000.00 Total.

Note: Both E17-MDAD-02, A and E17-MDAD-02, B will be advertised, evaluated, and awarded concurrently. Prime consultants recommended for award of E17-MDAD-02, B are precluded from being recommended for award, or participating as a subconsultant on a team being recommended for award of ISD Project No. E17-MDAD-02, A. Likewise, Prime consultants recommended for award of E17-MDAD-02, A are precluded from being recommended for award, or participating as a subconsultant on a team being recommended for award of ISD Project No. E17-MDAD-02, B.

Re-submittal Request of Contract Measures
General MEP Engineering & Design Services
ISD Project No. E17-MDAD-02, B
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PROJECT DESCRIPTION:

The scope of services to be provided by the selected A/E firm includes, but is not limited to, renovations and improvements of Mechanical, Electrical, Plumbing and Fire Suppression Systems Terminal-wide. These are multiple projects and require specialties such as paging systems, as well as, evaluations of A/C mechanical and electrical rooms.

Please advise if additional information is needed to complete this process.

Attachments

c: L. Johnson, SBD
P. Hernandez, MDAD
M. Clark-Vincent, MDAD
C. Corrales, MDAD
File

MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

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

From: Milton L. Collins, Associate Director
Miami-Dade Aviation Department
Minority Affairs Division



PROJECT/CONTRACT TITLE: General MEP Engineering & Design Services

PROJECT/CONTRACT NUMBER: E17-MDAD-02, B

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: \$2,000,000.00

FUNDING SOURCE: Aviation Revenue Fund, Reserve
Maintenance Funds, Aviation Bond Funds

DESCRIPTION OF PROJECT/BID:

The scope of services to be provided by the selected A/E firm includes, but is not limited to, renovations and improvements of Mechanical, Electrical, Plumbing and Fire Suppression Systems Terminal-wide. These are multiple projects and require specialties such as paging systems, as well as, evaluations of A/C mechanical and electrical rooms. Attached is the Breakdown of services to be performed.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-A&E – Set-Aside
SBE-G&S – 1%

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-22 SBE-Architectural & Engineering and Implementing Order #3-41 SBE-Goods & Services indicate that these Programs are appropriate for this contract.



Small Business Development Division Project Worksheet

Project/Contract Title:	GENERAL MEP ENGINEERING & DESIGN SERVICES	Received Date: 06/16/2017
Project/Contract No:	E17-MDAD-02, B	Funding Source:
Department:	AVIATION	AVIATION REVENUE FUND, RESERVE MAINTENAN
Estimated Cost of Project/Bid:	\$2,000,000.00	Resubmittal Date(s):
Description of Project/Bid:	The scope of services to be provided by the selected A/E firm includes, but is not limited to, renovations and improvements of Mechanical, Electrical, Plumbing and Fire Suppression Systems Terminal-wide. These are multiple projects and require specialties such as piping systems, as well as, evaluations of A/C mechanical and electrical rooms.	

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE/GS	1.00%
Goal	SBE/AE	15.00%

Reasons for Recommendation

SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE/AE)

An analysis of the factors contained in the project package, as well as the factors contained in Section V. C. of Implementing Order 3-32 indicates a 15.00% SBE/A&E goal is appropriate for this contract.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE/GS)

An analysis of the factors contained in section VIII. B. of Implementing Order 3-41 & Ordinance 14-41 indicates that a 1.00% SBE/G&S Goal is appropriate for this contract in NIGP Category Office Supplies, General (61500).

This contract will consist of two (2) PSA projects each for \$2,000,000.

Commodity Code: 61500-Office Supplies, General

Technical Category: 0401-Aviation Systems-Engineering Design; 1200-General Mechanical Engineering; 1300-General Electrical Engineering; 1700-Engineering Construction Management

Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
GENERAL MECHANICAL ENGINEERING	SBE/AE	\$100,000.00	5.00%	
OFFICE SUPPLIES, GENERAL	SBE/GS	\$20,000.00	1.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	\$100,000.00	5.00%	
GENERAL ELECTRICAL ENGINEERING	SBE/AE	\$100,000.00	5.00%	
Total		\$320,000.00	16.00%	

Living Wages: YES NO

Responsible Wages: YES NO

Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.



Small Business Development Division
Project Worksheet

Project/Contract Title: GENERAL MEP ENGINEERING & DESIGN SERVICES
Project/Contract No: E17-MDAD-02, B
Department: AVIATION
Estimated Cost of Project/Bid: \$2,000,000.00
Funding Source: AVIATION REVENUE FUND, RESERVE MAINTENAN
Received Date: 06/16/2017
Resubmittal Date(s):

REVIEW RECOMMENDATION

Tier 1 Set Aside
Tier 2 Set Aside
Set Aside Level 1 Level 2 Level 3
Tradé Set Aside (MCC) Goal Bid Preference
No Measure Deferred Selection Factor
CWP
County Mayor/Designee
Date



Small Business Development Division Project Worksheet

Project/Contract Title: GENERAL MEP ENGINEERING & DESIGN SERVICES **Received Date:** 06/23/2016
Project/Contract No: E16-MDAD-07 **Funding Source:**
Department: AVIATION **AVIATION REVENUE FUND.**
Estimated Cost of Project/Bid: \$6,000,000.00 **RESERVE**
Description of Project/Bid: The project involves renovations and improvements of Mechanical, Electrical, Plumbing and Fire Suppression Systems Terminal-wide. These are multiple projects and require specialties such as paging systems as well as evaluations of A/C mechanical room. The selected prime awarded a Professional Services Agreement under A16-MDAD-02: Terminal Optimization Program (TOP) - Project Support Services, will be precluded from being part of a team awarded any future TOP project. **Resubmittal Date(s):**

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	SBE/AE	15.00%
Set Aside Tier 2	SBE/AE	100.00%

Reasons for Recommendation

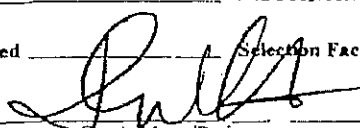
An analysis of the factors contained in the project package, as well as, the factors contained in Implementing Order J-32 indicates one (1) PSA project as a Set-Aside for \$2,000,000 and two (2) PSA projects each for \$2,000,000 with a 15% SBE/A&E goal is appropriate for this contract.

Technical Category: 0401-Aviation Systems-Engineering Design; 1200-General Mechanical Engineering; 1300-General Electrical Engineering; 1700-Engineering Construction Management

Contract Measures Recommendation				
Subtrade	Cat	Estimated Value	% of Items to Base Bid	Availability
GENERAL MECHANICAL ENGINEERING	SBE/AE	\$200,000.00	5.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	\$200,000.00	5.00%	
GENERAL ELECTRICAL ENGINEERING	SBE/AE	\$200,000.00	5.00%	
	SBE/AE	\$2,000,000.00	100.00%	
Total :		\$2,600,000.00		

Living Wages: YES NO
Responsible Wages: YES NO

Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.

REVIEW RECOMMENDATION			
Tier 1 Set Aside _____	Tier 2 Set Aside _____		
Set Aside _____	Level 1 _____	Level 2 _____	Level 3 _____
Trade Set Aside (MCC) _____	Goal _____	Bid Preference _____	
No Measure _____	Deferred _____	Selection Factor _____	
CWP _____	 County Mayor/Designee		Date _____

MDAD Recommendations:

**Small Business Enterprise – Architectural And Engineering
(SBE – A&E) Goal**

**Small Business Enterprise – Goods and Services
(SBE-G&S) Goal**

Project Number: **E17-MDAD-02, B**

Project Title: **General MEP Engineering & Design Services**

SBE-A&E Breakdown Recommendation

- (*) No. of PSA(s): **Two (2)**
- (*) PSA Base Estimate: **\$2,000,000.00, Each / \$4,000,000.00, Total
(Primary Services)**
- (*) SBE-A&E Goal Recommendation: **Two PSAs, each with a
15% goal.**

See breakdown below:

12.00 General Mechanical Engineering – 5%

13.00 General Electrical Engineering – 5%

17.00 Engineering Construction Management – 5%

- (*) SBE- G&S Goal Recommendation: **Two PSAs, each with a
1% goal.**

See breakdown below:

1% Office Supplies (61500)



	APPROVAL	PRINT NAME	DATE
MDAD Project Manager			
MDAD Division Chief	Aida Bao-Garciga	<i>Aida Bao-Garciga</i>	6-5-17
MDAD Division Director			
MDAD Assistant Director	Pedro F. Hernandez	<i>Pedro F. Hernandez</i>	6/5/17

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
1.00	TRANSPORTATION PLANNING			
	1.01 URBAN AREA AND REGIONAL TRANSPORTATION PLANNING			
	1.02 MASS AND RAPID TRANSIT PLANNING			
	1.03 AVIATION SYSTEMS AND AIRPORT MASTER PLANNING			
	1.04 PORT AND WATERWAY SYSTEMS PLANNING			
2.00	MASS TRANSIT SYSTEMS			
	2.01 MASS TRANSIT PROGRAM (SYSTEMS) MANAGEMENT			
	2.02 MASS TRANSIT FEASIBILITY & TECHNICAL STUDIES			
	2.03 MASS TRANSIT VEHICLE & PROPULSION STUDIES			
	2.04 MASS TRANSIT CONTROLS, COMMUNICATIONS, & INFORMATION SYSTEMS			
	2.05 GENERAL QUALITY ENGINEERING			
	2.06 MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS			
3.00	HIGHWAY SYSTEMS			
	3.01 SITE DEVELOPMENT AND PARKING LOT DESIGN			
	3.02 HIGHWAY DESIGN			
	3.02A TUNNEL DESIGN			
	3.03 BRIDGE DESIGN			
	3.04 TRAFFIC ENGINEERING STUDIES			
	3.05 TRAFFIC COUNTS			
	3.06 TRAFFIC CALMING			
	3.07 TRAFFIC SIGNAL TIMING			
	3.08 INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS, DESIGN, AND IMPLEMENTATION			



	3.09 SIGNING, PAVEMENT MARKING, AND CHANNELIZATION			
	3.10 LIGHTING			
	3.11 SIGNALIZATION			
	3.12 UNDERWATER ENGINEERING INSPECTION			
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	10%		10%
	4.02 ARCHITECTURAL DESIGN			
5.00	PORT AND WATERWAY SYSTEMS			
	5.01 ENGINEERING DESIGN			
	5.02 ARCHITECTURAL DESIGN			
	5.03 CRUISE TERMINAL DESIGN			
	5.04 CRUISE TERMINAL EQUIPMENT DESIGN			
	5.05 CARGO TERMINAL DESIGN			
	5.06 CARGO TERMINAL EQUIPMENT DESIGN			
	5.07 SECURITY SYSTEMS			
	5.08 MARINE ENGINEERING DESIGN			
	5.09 ENVIRONMENTAL DESIGN			
	5.10 TRANSPORTATION SYSTEMS DESIGN			
	5.11 CONSTRUCTION MANAGEMENT			
6.00	WATER AND SANITARY SEWER SYSTEMS			
	6.01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS			
	6.02 MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES			
	6.03 WATER AND SANITARY SEWAGE TREATMENT PLANTS			
7.00	SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
8.00	TELECOMMUNICATION SYSTEMS			
9.00	SOILS, FOUNDATIONS AND MATERIALS TESTING			
	9.01 DRILLING, SUBSURFACE INVESTIGATION AND SEISMOGRAPHIC SERVICES			
	9.02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES			
	9.03 CONCRETE AND ASPHALT TESTING SERVICES			
	9.04 NON-DESTRUCTIVE TESTING AND INSPECTIONS			
	9.05 ROOF TESTING AND CONSULTING			



	9.06 MATERIALS TESTING/CONSULTING/TRAINING			
	INDUSTRIAL HYGIENE			
	ASBESTOS			
	AMBIENT AIR			
	BIO-HAZARDOUS			
	OSHA			
10.00	ENVIRONMENTAL ENGINEERING			
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES			
	10.02 GEOLOGY SERVICES			
	10.03 BIOLOGY SERVICES			
	10.04 CHEMISTRY SERVICES			
	10.05 CONTAMINATION ASSESSMENT AND MONITORING			
	10.06 REMEDIAL ACTION PLAN DESIGN			
	10.07 REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE			
	10.08 PATHOGEN AND CONTAINMENT RISK ANALYSIS			
	10.09 WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT			
	10.10 COASTAL PROCESSES AND OCEAN ENGINEERING			
11.00	GENERAL STRUCTURAL ENGINEERING			
12.00	GENERAL MECHANICAL ENGINEERING	35%	5%	40%
13.00	GENERAL ELECTRICAL ENGINEERING	35%	5%	40%
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING			
	15.02 AERIAL PHOTOGRAMMETRY			
	15.03 UNDERGROUND UTILITY LOCATION			
	15.04 HYDROGRAPHIC SURVEYS			
16.00	GENERAL CIVIL ENGINEERING			
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	5%	5%	10%
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.02 MASS TRANSIT SYSTEMS			



	19.03 HIGHWAY SYSTEMS			
	19.04 AVIATION SYSTEMS			
	19.05 PORT AND WATERWAY SYSTEMS			
	19.06 WATER AND SANITARY SYSTEMS			
	19.07 SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
	19.08 TELECOMMUNICATION SYSTEMS			
	19.09 SOILS, FOUNDATIONS, AND MATERIALS TESTING			
	19.10 ENVIRONMENTAL ENGINEERING			
	19.11 GENERAL STRUCTURAL ENGINEERING			
	19.12 GENERAL MECHANICAL ENGINEERING			
	19.13 GENERAL ELECTRICAL ENGINEERING			
	19.14 ARCHITECTURE			
	19.15 GENERAL CIVIL ENGINEERING			
	19.20 LANDSCAPE ARCHITECTURE			
20.00	LANDSCAPE ARCHITECTURE			
21.00	LAND USE PLANNING			
22.00	ADA TITLE II CONSULTANT			
23.00	AVIATION ACOUSTICAL AND LAND USE COMPATIBILITY PLANNING			
24.00	BUILDING PRODUCT EVALUATION SERVICES			
	24.01 PANEL WALLS			
	24.02 EXTERIOR DOORS			
	24.03 ROOFING PRODUCTS			
	24.04 SKYLIGHTS			
	24.05 WINDOWS			
	24.06 SHUTTERS			
	24.07 STRUCTURAL COMPONENTS			
25.00	AVIATION PLANNING CONSULTANT SERVICES			
26.00	CLAIMS ANALYSIS SERVICES			

*Detailed descriptions of certification categories may be obtained from MDAD Contracts Administration.