


Memorandum



Date: October 10, 2018

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

From: Milton L. Collins, Associate Director
MDAD, Minority Affairs Division 

Subject: Recommendation of Contract Measures:
Stormwater Master Plan
Project No. E18-MDAD-03

RECOMMENDATION:

This is a request for Small Business Development (SBD) to approve the subject project in order for the Department to proceed in obtaining a Small Business Development, Project Worksheet for the Stormwater Master Plan, Project No. E-18-MDAD-03.

The Minority Affairs Division and the User Department have evaluated the subject project and recommend an **SBE/A&E 10% project goal, SBE/G&S .75% project goal**. Sub-consultant items are listed on the attached Service Description Form attached. The suggested SBE/A & E and SBE/G & S Commodity Code 96600 – Printing & Typesetting Services.

The Contract Estimated Cost is for one agreement at \$3,000,000.00. The Term of the Agreement will be for four (4) years, plus two (2) one-year extensions.

PROJECT DESCRIPTION:

The project will consist of the update and maintenance of the drainage master plans for Miami-Dade Aviation Department (MDAD) Facilities. The scope of services associated to this task shall include: collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, re-establish the future modeling scenarios, update the master plan document, review and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues. The teaming restrictions will be the following: Consultants electing to submit as a prime will be limited to participation on a single team and may not participate on any other team as a sub-consultant. Consultants electing to submit as a sub-consultant may only participate on three (3) teams.

PROJECT PREFERRED EXPERIENCE:

The prime consultant is preferred to have experience in developing and maintaining Stormwater Master Plans and associated computer modeling (SWMM and XPSWMM) for large commercial airports and municipal stormwater management systems of equal size and complexity.

Please advise our office if there are questions of if additional information is needed to complete this process.

Attachments

c: L. Johnson, SBD
M. Vincent, MDAD
P. Hernandez, MDAD

N. Pantoja, MDAD
G. Garcia, MDAD
C. Corrales, MDAD

Project 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: Stormwater Master Plan
PROJECT/CONTRACT NUMBER: E18-MDAD-03
DEPARTMENT: Miami Dade Aviation Department
ESTIMATED PROJECT COST: One Agreement at \$3,000,000.00
FUNDING SOURCE: Multi Year Operating Budget

DESCRIPTION OF PROJECT/BID:

The project will consist of the update and maintenance of the drainage master plans for Miami-Dade Aviation Department (MDAD) Facilities. The scope of services associated to this task shall include: collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, re-establish the future modeling scenarios, update the master plan document, review and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues. The teaming restrictions will be the following: Consultants electing to submit as a prime will be limited to participation on a single team and may not participate on any other team as a sub-consultant. Consultants electing to submit as a sub-consultant may only participate on three (3) teams.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-A/E – 10%
SBE-G/S – .75%

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-32 indicates that an SBE-Architectural & Engineering Program Goal and Implementing Order #3-41 indicates that an SBE-Goods & Services Program Goals are appropriate for this contract.



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			
	1.04 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 STUDIES & 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 MAJOR HIGHWAY DESIGN			
	3.02A TUNNEL DESIGN			
	3.02B MINOR HIGHWAY 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	✓		15
	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			
6.00	WATER AND SANITARY SEWER SYSTEMS			
	6.01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS			
	6.01(A) UTILITY TUNNELING FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSIONS SYSTEMS			
	6.02 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 ASBESTOS			
	9.07 AMBIENT AIR			
	9.08 BIO-HAZARDOUS			
	9.09 OSHA			



10.00	ENVIRONMENTAL ENGINEERING			
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES	✓		75%
	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 CONTAMINANT 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			
13.00	GENERAL ELECTRICAL ENGINEERING			
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING		✓	5%
	15.02 AERIAL PHOTOGRAMMETRY			
	15.03 UNDERGROUND UTILITY LOCATION			
	15.04 HYDROGRAPHIC SURVEYS			
16.00	GENERAL CIVIL ENGINEERING		✓	5%
17.00	ENGINEERING CONSTRUCTION MANAGEMENT			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.01 TRANSPORTATION PLANNING			
	19.01(A) TRANSPORTATION PLANNING-LIFE CYCLE COSTING SERVICES			
	19.02 MASS TRANSIT SYSTEMS			
	19.02(A) MASS TRANSIT SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.03 HIGHWAY SYSTEMS			
	19.03(A) HIGHWAY SYSTEMS-LIFE CYCLE COSTING SERVICES			



	19.04 AVIATION SYSTEMS			
	19.04(A) AVIATION SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.05 PORT AND WATERWAY SYSTEMS			
	19.05(A) PORT AND WATERWAY SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.06 WATER AND SANITARY SYSTEMS			
	19.06(A) WATER AND SANITARY SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.07 SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
	19.07(A) SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.08 TELECOMMUNICATION SYSTEMS			
	19.08(A) TELECOMMUNICATION SYSTEMS-LIFE CYCLE COSTING SERVICES			
	19.09 SOILS, FOUNDATIONS, AND MATERIALS TESTING			
	19.09(A) SOILS, FOUNDATIONS, AND MATERIALS TESTING-LIFE CYCLE COSTING SERVICES			
	19.10 ENVIRONMENTAL ENGINEERING			
	19.10(A) ENVIRONMENTAL ENGINEERING-LIFE CYCLE COSTING SERVICES			
	19.11 GENERAL STRUCTURAL ENGINEERING			
	19.11(A) GENERAL STRUCTURAL ENGINEERING-LIFE CYCLE COSTING SERVICES			
	19.12 GENERAL MECHANICAL ENGINEERING			
	19.12(A) GENERAL MECHANICAL ENGINEERING-LIFE CYCLE COSTING SERVICES			
	19.13 GENERAL ELECTRICAL ENGINEERING			
	19.13(A) GENERAL ELECTRICAL ENGINEERING-LIFE CYCLE COSTING SERVICES			
	19.14 ARCHITECTURE			
	19.14(A) ARCHITECTURE-LIFE CYCLE COSTING SERVICES			
	19.16 GENERAL CIVIL ENGINEERING			
	19.16(A) GENERAL CIVIL ENGINEERING-LIFE CYCLE COSTING SERVICES			
	19.20 LANDSCAPE ARCHITECTURE			
	19.20(A) LANDSCAPE ARCHITECTURE-LIFE CYCLE COSTING SERVICES			
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.