

Memorandum



Date: May 8, 2015

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

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

Subject: Recommendation of Contract Measures Request: Utilities Master Plan (Sanitary Sewer), Project No. E15-MDAD-02

RECOMMENDATION:

This is a request for Small Business Development Division to approve the subject project in order for the Aviation Department to proceed with the **Utilities Master Plan (Sanitary Sewer), Project No. E15-MDAD-02.**

The Contract Estimated Amount is \$2,000,000.00. The Term of the Agreement will be for six (6) years, plus two (2) one-year extensions.

The Minority Affairs Division staff has evaluated the subject project and recommends an **SBE-A/E Goal of 10% as the contract measure.** MDAD Contract Measures Analysis Worksheet findings and other supporting documents are attached.

SCOPE OF SERVICES:

The project will consist of complying with the new Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities. The service will 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.

The prime must demonstrate a minimum of ten (10) years cumulative experience, from the submittal date in developing and maintaining sanitary sewer collection and transmission master plans and associated computer modeling (SewerCAD preferred) in airport and municipal systems of equal size and complexity as Miami International Airport (MIA). The experience time frame does not have to be consecutive.

Please advise our office if additional information is needed in order to obtain the Project Worksheet for this Project.

Attachments

cc: L. Johnson, SBD
M. Clark-Vincent, MDAD
E. Beltre, MDAD
J. Menendez, MDAD

C. Taylor, SBD
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: Utilities Master Plan (Sanitary Sewer)
PROJECT/CONTRACT NUMBER: Project No. E15-MDAD-02
DEPARTMENT: Miami Dade Aviation Department
ESTIMATED PROJECT COST: \$2,000,000.00
FUNDING SOURCE: MDAD Multi Year Operating Budget

DESCRIPTION OF PROJECT/BID:

The project will consist of complying with the new Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities. The service will 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. The prime must demonstrate a minimum of ten (10) years cumulative experience, from the submittal date in developing and maintaining sanitary sewer collection and transmission master plans and associated computer modeling (SewerCAD preferred) in airport and municipal systems of equal size and complexity as Miami International Airport (MIA). The experience time frame does not have to be consecutive.

CONTRACT MEASURES RECOMMENDATION:

Measures 10% SBE-A/E Goal

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-32 indicates that a SBE-A/E Goal is 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			
	1.03 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	X		20
	4.02 ARCHITECTURAL DESIGN			

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
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	X		70
	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			

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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			
13.00	GENERAL ELECTRICAL ENGINEERING			
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING		X	10
	15.02 AERIAL PHOTOGRAMMETRY			
16.00	GENERAL CIVIL ENGINEERING			
17.00	ENGINEERING CONSTRUCTION MANAGEMENT			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.01 TRANSPORTATION PLANNING			
	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			



CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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			
	19.16 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			
25.00	AVIATION PLANNING CONSULTANT SERVICES			
26.00	CLAIMS ANALYSIS SERVICES			

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