


Memorandum



Date: June 8, 2017

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

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

Subject: Revised Recommendation of Contract Measures:
Re-Submittal Request Baggage Handling Systems Services
Project No. E16-MDAD-02

RECOMMENDATION:

Please replace the recommendation memorandum sent to SBD on June 6th as there has been an update on the Breakdown Recommendation of this Re-submittal.

This is a Re-Submittal request for Small Business Development (SBD) to approve the attached Request for the **Baggage Handling Systems Services, Project No. E16-MDAD-02**. This project was previously approved on 06/06/2016, previous worksheet attached. It should be noted that the only two (2) modifications include: 1) Increasing the contract estimated amount from \$5,000,000.00 to \$6,000,000.00 (two (2) separate professional services agreements for \$3,000,000.00 each); and 2) deleting Prime Certification Category 13.00 General Electrical Engineering and moving Category 13.00 to the Sub-trade Category (13.00 General Electrical Engineering). **The contract measure recommendation will be 20% SBE-A&E Goal. Due to the highly specialized nature of the Scope of Services for this project which entails creating reports and evaluating solutions, MDAD is recommending a Zero percent (0%) SBE-G&S goal as said services are not conducive to such.**

The Contract Estimated Amount is \$6,000,000.00 (Two (2) separate PSA's for \$3,000,000.00). The Term of the professional services agreement is for five (5) years, and shall begin upon execution by the parties and shall be in effect until all Services are completed or until those Services Orders in force at the end of the stated period of time have been completed and the Services accepted, whichever may be later.

PROJECT DESCRIPTION:

The project involves design and evaluation of new and existing Baggage Handling Systems at South Central and North Terminals including replacement, repair and modifications of existing equipment, utilities, programming, connections to existing systems, TSA and functional testing. It is preferred that the prime consultant have a cumulative (5) years of experience and (20) years of experience designing and modifying baggage systems at large hub US Airports or airports with similar baggage handling systems as those existing at MIA. The selected prime awarded a Professional Services Agreement under Project No. A19-MDAD-02: Terminal Optimization Program (TOP) - Project Support Services, will be precluded from being part of a team awarded any future TOP project.

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

Revised Recommendation of Contract Measures:
Re-Submittal Request Baggage Handling Systems Services
Project No. E16-MDAD-02
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Attachments:

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

REVISED 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: (RE-Submittal) Baggage Handling Systems Services

PROJECT/CONTRACT NUMBER: E16-MDAD-02

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: \$6,000,000.00 (Two (2) separate PSA's for \$3,000,000.00)

FUNDING SOURCE: EA502 Funds

DESCRIPTION OF PROJECT/BID:

The project involves design and evaluation of new and existing baggage handling systems at South, Central and North Terminals including replacement, repair and modifications of existing equipment, utilities, programming, connections to existing systems, TSA and functional testing. It is preferred that the prime consultant have a cumulative (5) years' experience within the last (20) years designing and modifying baggage systems at large hub US airports with similar baggage handling systems as those existing at MIA. The selected prime awarded a Professional Services Agreement under ISD Project No. A16-MDAD-02: Terminal Optimization Program (TOP) Project Support Services will be precluded from participating on this project.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-A/E – 20%

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-22 indicates that an SBE-Architectural & Engineering Program goal is appropriate for this contract.

SBE G&S BREAKDOWN RECOMMENDATION

Project Number: E16-MDAD-02

Project Title: Baggage Handling Systems Services

No. of PSA's: One (1)

PSA Base Estimate: \$6,000,000 (Basic Services)

PSA Cost Estimate: \$3,000,000.00 (Inclusive of All Contingencies)

SBE-G&S Category: N/A

SBE-G&S Recommendation: Due to the highly specialized nature of the scope of services for this project. Which entails creating reports and evaluating solutions, MDAD is recommending a zero percent (0%) SBE-G&S goal as said services are not conducive to such.

Project also has a recommended SBE-A/E Goal of twenty percent (20%).



Small Business Development Division Project Worksheet

Project/Contract Title: BAGGAGE HANDLING SYSTEMS SERVICES **Received Date:** 06/06/2016
Project/Contract No: E16-MDAD-02 **Funding Source:** EA502 FUNDS
Department: AVIATION
Estimated Cost of Project/Bid: \$5,000,000.00 **Resubmittal Date(s):** 01/27/2017

Description of Project/Bid: The project involves design and evaluation of new and existing baggage handling systems at South, Central and North Terminals including replacement, repair and modifications of existing equipment, utilities, programming, connections to existing systems, TSA and functional testing. It is preferred that the prime consultant have a cumulative (5) years experience within the last (20) years designing and modifying baggage systems at large hub US airports with similar baggage handling systems as those existing at MIA. The selected prime awarded a Professional Services Agreement under ISD Project No. A16-MDAD-02: Terminal Optimization Program (TOP) Project Support Services will be precluded from participating on this project.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	SBE/AE	20.00%

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 20.00% SBE/AE Sub-consultant Goal is appropriate for this contract.

This project will be under two (2) separate Professional Service Agreements (PSA) each with a value of two million five hundred thousand dollars. (\$2,500,000.00).

Technical Category: 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	\$250,000.00	5.00%	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE/AE	\$250,000.00	5.00%	
GENERAL ELECTRICAL ENGINEERING	SBE/AE	\$500,000.00	10.00%	
Total		\$1,000,000.00	20.00%	

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 _____			Date _____



	APPROVAL	PRINT NAME	DATE
MDAD Project Manager			
MDAD Division Chief		Aida Bao-Garciga	6-2-17
MDAD Division Director			
MDAD Assistant Director		Pedro F. Hernandez	6/2/17

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			
	1.04 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	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			
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			
	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	38	7	45
13.00	GENERAL ELECTRICAL ENGINEERING	14	6 20	20
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	18	7	25
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.01 TRANSPORTATION PLANNING			

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 INITIALS

MIAMI INTERNATIONAL AIRPORT



	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.