

Memorandum



Date: July 15, 2016

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

From: Milton L. Collins, Division Director *MLC*
Miami-Dade Aviation Department, Minority Affaris Division

Subject: Recommendation of Contract Measures Request
Aviation Acoustical and Land Use Compatibility Planning Services
Project No. E16-MDAD-10

RECOMMENDATION:

This is a request for Small Business Development to approve the subject project in order for the department to proceed with the approval of the **Aviation Acoustical and Land Use Compatibility Planning Services, Project No. E16-MDAD-10.** The User Division and the Minority Affairs Division Staff have evaluated the subject project and recommends an **SBE No Measure.** The existing contract E11-MDAD-01 (Project Worksheet Attached) is scheduled to expire on November 14th 2016 and it was approved under Resolution R-953-11 (Landrum & Brown) and R-954-11 (Environmental Science Associates).

The Term of the two (2) Agreement(s) are for five (5) years for each Agreement at \$500,000.00 for a total estimate of \$1,000,000.00 or until the monies are exhausted.

PROJECT DESCRIPTION:

Aviation Acoustical and Land Use Compatibility Planning services will be provided on a project specific basis for Miami-Dade Aviation Department's Noise & Environmental Planning Program. The project/studies which the department may implement are based on the following areas:

Acoustical & Environmental Planning:

- Airport/community land use compatibility issues.
- Aircraft noise monitoring studies.
- Airspace flight track management studies.
- Environmental Assessments (EA).
- Environmental Impact Studies (EIS).
- Noise abatement studies & noise modeling using latest available FAA models.
- FAR Part 150 studies.
- Wildlife Hazard Management Studies

Project Location:

Aviation Acoustical and land Use Compatibility Planning services will be required for the following locations:

- Miami International Airport (MIA), and surrounding communities.
- Miami-Dade General Aviation Airports (GAA), and surrounding communities.

BACKGROUND/EXPERIENCE:

The class of work is defined as Aviation Acoustical and Land Use Compatibility Planning Services and includes, but not limited to, addressing airport/community land use compatibility issues, aircraft noise monitoring studies, airspace flight track management studies environmental assessments, environmental impact statements, aircraft noise abatement studies, Federal Aviation Administration (FAA) Federal Aviation Regulations (FAR) Part 150 noise compatibility studies, and noise modeling using latest available FAA models.

Professional Status:

- In-house aircraft noise modeling experience utilizing the latest FAA Integrated Noise Modeling (INM) software.
- Development of aircraft noise exposure maps.
- Must be capable to perform acoustical testing (portable aircraft noise monitoring).
- Ability to provide sound insulation programs/studies.
- Must be able to develop, perform, and manage FAR Part 150 noise compatibility studies.
- Must be able to perform aviation noise compatibility land-use studies.
- Must be able to manage public outreach programs for controversial airport & aviation related development projects.
- Must be able to evaluate and recommend aircraft noise abatement procedures.
- Ability to prepare FAA guided Environmental Impact Statements (EIS), and Environmental Assessments.
- Ability to develop aircraft fleet mix and runway use studies.

Adequacy of Personnel:

The number of professionals and other supporting personnel required for specific projects will be determined during the consulting selection process on a project-by-project basis. The Selection Committee will determine if the consultant's available personnel is adequate to competently perform the work in the desired frame.

Past Record Experience and Capability:

A minimum of seven (7) to ten (10) years of proven experience is required in all leading roles of Aviation Acoustical and Land Use Compatibility Planning Services to include but not limited to, addressing airport/community land use compatibility issues, aircraft noise monitoring studies, airspace flight track management studies, environmental assessments, environmental impact statements, noise abatement studies, FAA FAR Part 150 studies, and noise modeling using the latest available FAA models. Documented evidence of the consultant's relevant experience must include specific information on the nature of previous Aviation Acoustical and Land Use Compatibility Planning Services, including:

- Aviation Land-use planning and study projects.
- Aviation Environmental Assessments (EA).
- Aviation Environmental Impact Statements (EIS).
- FAR Part 150 noise compatibility studies.
- INM Noise Contours.
- FAR Part 150 noise compatibility studies.
- Wildlife Hazard Management Studies

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At the time of application you must provide a copy of one of the following:

1. Environmental Impact Statement study;
2. FAA FAR Part 150 Noise Compatibility study; or
3. Environmental Assessment.

For all submitted reports provide the associated FAA Finding of No Significance (FONSI) or an FAA Records of Decision (ROD).

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

Attachments

cc: L. Johnson, SBD
E. Etienne, SBD
M. Clark-Vincent, MDAD
N. Hegedus, MDAD
M. Kosoko, MDAD
C. Corrales, MDAD
File



Dept. of Small Business Development Project Worksheet

Project/Contract Title: AVIATION ACOUSTICAL AND LAND USE COMPATIBILITY PLANNING SERVICES (SIC 871) **RC Date:** 02/16/2011
Project/Contract No: E11-MDAD-01 **Item No:** 1 -01
Department: MIAMI DADE AVIATION DEPARTMENT **Funding Source:** NOISE ABATEMENT OPER. BUDGET
Estimated Cost of Project/Bid: \$1,000,000.00 **Resubmittal Date(s):**

Description of Project/Bid: To establish a contract with two (2) agreements for the Aviation Acoustical and Land Use Compatibility Planning Services to include, but not limited to addressing airport/community land use compatibility issues, aircraft noise monitoring studies, airspace flight track management studies, environmental assessments, environmental impact statements, aircraft noise abatement studies, Federal Aviation Administration (FAA), Federal Aviation Regulations (FAR) part 150 noise compatibility studies, and noise modeling using the latest available FAA models.

Contract Measures Recommendation		
<u>Measure</u>	<u>Program</u>	<u>Goal Percent</u>
No Measure	CBE	

Reasons for Recommendation
<p>This project meets the criteria established by Administrative Order 3-32, Section V.</p> <p>There are two (2) Agreements @ \$500,000 each for a total of \$1,000,000. 23.00 - Aviation Acoustical and Land Use Compatibility Planning Services is the only Technical Category for this solicitation; there are no CBEs certified in this category, thus the "No-Measure" recommendation.</p> <p>SIC 871 - Architectural and Engineering Services</p>

Analysis for Recommendation of a Goal				
<u>Subtrade</u>	<u>Cat.</u>	<u>Estimated Value</u>	<u>% of Items to Base Bid</u>	<u>Availability</u>
	CBE	\$0.00	0.00%	210
Total		\$0.00	0.00%	

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.



Dept. of Small Business Development
Project Worksheet

Project/Contract Title: AVIATION ACOUSTICAL AND LAND USE COMPATIBILITY PLANNING SERVICES (SIC 871)
Project/Contract No: E11-MDAD-01
Department: MIAMI DADE AVIATION DEPARTMENT
Estimated Cost of Project/Bid: \$1,000,000.00

RC Date: 02/16/2011
Item No: 1 -01

Funding Source: NOISE ABATEMENT OPER. BUDGET

Resubmittal Date(s):

REVIEW COMMITTEE RECOMMENDATION

Tier 1 Set Aside

Set Aside Level 1 Level 2 Level 3

Trade Set Aside (MCC) Goal Bid Preference

No Measure [checked] Deferred Selection Factor

[Signature] 2/16/11
Chairperson, Review Committee Date

[Signature] 2/16/11
County Manager / Designee Date

REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

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

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



PROJECT/CONTRACT TITLE: Aviation Acoustical and Land Use
Compatibility planning Services

PROJECT/CONTRACT NUMBER: E16-MDAD-10

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: Two Agreements at \$500,000.00 Total
Estimate \$1,000,000.00

FUNDING SOURCE: Noise Abatement Operating Budget

DESCRIPTION OF PROJECT/BID:

The class of work is defined as Aviation Acoustical and Land Use Compatibility Planning Services and includes, but not limited to, addressing airport/community land use compatibility issues, aircraft noise monitoring studies, airspace flight track management studies environmental assessments, environmental impact statements, aircraft noise abatement studies, Federal Aviation Administration (FAA) Federal Aviation Regulations (FAR) Part 150 noise compatibility studies, and noise modeling using latest available FAA models.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-No Measure

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-22 indicates that an SBE-No measure 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			



CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN			
	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			

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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			
13.00	GENERAL ELECTRICAL ENGINEERING			
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING			
	15.02 AERIAL PHOTOGRAMMETRY			
16.00	GENERAL CIVIL ENGINEERING			
17.00	ENGINEERING CONSTRUCTION MANAGEMENT			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			



CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
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			
	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	100%	0.0%	100%
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.