

**BCC Meeting: July 24, 2018
Research Notes**

**Item No. 8F2
File No. 181347**

Researcher: MF Reviewer: TD

RESOLUTION AUTHORIZING DESIGNATED PURCHASE PURSUANT TO SECTION 2-8.1(B)(3) OF THE COUNTY CODE BY A TWO-THIRDS VOTE OF THE BOARD MEMBERS PRESENT; AUTHORIZING AWARD OF CONTRACT NO. BW9951-0/23 FOR THE PURCHASE OF AIRPORT SURFACE MANAGEMENT SYSTEM IN AN AMOUNT NOT TO EXCEED \$3,535,000.00 FOR A FIVE YEAR TERM FOR THE MIAMI-DADE AVIATION DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL PROVISIONS OF THE CONTRACT PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38

ISSUE/REQUESTED ACTION

Whether the Board should authorize award of Contract No. BW9951-0/23 for the Designated Purchase of an Airport Surface Management System to Saab Sensis Corporation, in an amount not to exceed \$3,535,000.00 for a five-year term for the Miami-Dade Aviation Department

APPLICABLE LEGISLATION/POLICY

Miami-Dade County Code, Section 2-8.1, applies to all contracts for public improvements and purchases of all supplies, materials and services other than professional services and (1) requires formal sealed bids for purchases over \$250,000; (2) describes the circumstances under which non-competitive purchases may be approved; (3) establishes requirements for legacy purchases, designated purchases, and single vehicle leases; and (4) provides that procurement procedures shall be established by I.O. and approved by the Board.

https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIIICOR_CH2AD_ARTIINGE_S2-8.1COPUGE

Miami-Dade County Code, Section 2-8.1(b)(3), sets forth procedures for authorizing a designated purchase; under this section, designated purchase shall mean a purchase when the procurement through the use of formal sealed bids is not practicable, including, but not limited to: (1) sole source purchases; (2) services where no competition exists such as public utility services; (3) where purchases or rates are fixed by law or ordinance; (4) unique professional or artistic services not governed by the Consultants' Competitive Negotiations Act; (5) purchases of goods and services necessary to address an emergency or where additional formal competition would not be practicable; and (6) a solicitation where only a single proposer has responded to a competitive solicitation but such response contains material defects and the County still desires to enter into a contract with such proposer.

Any recommendation by the Mayor for the award of a Designated Purchase shall at a minimum: (i) provide a written explanation of why the purchase through formal sealed bids would not be practicable under the circumstances and is in the best interest of the County, (ii) provide a written explanation of the process followed resulting in the recommendation for a Designated Purchase, and (iii) provide a written description of any informal competition conducted and any and all efforts to obtain a valuation of the recommended purchase. The Board of County Commissioners shall adopt any resolution authorizing a Designated Purchase by a two-thirds vote of the members present.

https://library.municode.com/fl/miami-dade-county/codes/code-of-ordinances?nodeId=PTIIICOR_CH2AD_ARTIINGE_S2-8.1COPUGE

Implementing Order No. 3-38 sets forth the County's processes and procedures for the purchase of goods and services. The I.O. outlines: the roles and responsibilities of the Internal Services Department; the methods of purchasing goods and services; the authority to award and modify contracts; and the requirements for access contracts, emergency purchases, bid waivers, confirmation purchases and sole sources.

BCC Meeting: July 24, 2018
Research Notes

<http://www.miamidade.gov/aopdfdoc/aopdf/pdffiles/IO3-38.pdf>

Resolution No. R-187-12, adopted by the Board on February 21, 2012, directs the County Mayor to include due diligence information in memoranda recommending certain contract awards.

<http://intra/gia/legistarfiles/MinMatters/Y2012/120287min.pdf>

Resolution No. R-1011-15, adopted by the Board on November 1, 2015, directs the County Mayor to require that vendors provide addresses of all local branch offices and headquarters and the number and percentage of local residents such vendors employ.

<http://intra/gia/matter.asp?matter=152271&file=true&yearFolder=Y2015>

PROCEDURAL HISTORY

Prime Sponsor: N/A

Department/Requester: Internal Services Department

The proposed resolution was considered at the Economic Development and Tourism Committee meeting of June 14, 2018.

Chairwoman Sosa said she hoped that in the future the Miami-Dade County Airport Department would be in a position to handle its own procurement and that moving forward all airport procurement contracts would be competitively bid.

The proposed resolution was forwarded to the BCC by the EDTC with a favorable recommendation.

FISCAL IMPACT

According to the Fiscal Impact Statement, the fiscal impact to the County for the five-year term is \$3,535,000.

Monthly Recurring Service Fees:

Item	Service Location or Product	Monthly Service Fee
1	MDAD Aerobahn Service (20 Simultaneous User Licenses)	\$20,000/month
2	Support for MLAT Surveillance System (after transfer of title)	\$5,000/month
3	ETA Data Fee Monthly recurring commencing implementation of ETA data feed	\$1,500/month

Deliverable Based Item Pricing:

	Milestone Description	Percentage	Price
1	Site Survey Report: <i>Requires Completion of Deliverable Acceptance Form</i>	10 percent	\$190,000
2	Materials Onsite in Syracuse, NY: <i>Requires Completion of Deliverable Acceptance Form</i>	30 percent	\$570,000
3	Completion of Factory Acceptance Test in Syracuse: <i>Requires Completion of Deliverable Acceptance Form</i>	20 percent	\$380,000
4	Equipment Installed at MIA: <i>Requires Completion of Deliverable Acceptance Form</i>	20 percent	\$380,000

BCC Meeting: July 24, 2018
Research Notes

5	Completion of Site Acceptance Test: <i>Requires Completion of Deliverable Acceptance Form</i>	20 percent	\$380,000
	Total for MDAD MLAT Surveillance Installation Payment Milestones		\$1,900,000
1	FIDS Interface – Milestone Payment: <i>Requires Completion of Deliverable Acceptance Form</i>		\$45,000

ANALYSIS

The proposed resolution seeks Board approval for the award of Contract No. BW9951-0/23 for the Designated Purchase of an Airport Surface Management System (ASMS) to Saab Sensis Corporation, in an amount not to exceed \$3,535,000.00 for a five-year term for the Miami-Dade Aviation Department.

Miami International Airport (MIA) is operated by the Miami-Dade Aviation Department (MDAD) and is the second busiest airport in the United States for international passengers. More than 100 air carriers utilize MIA, and it is the top U.S. airport for international freight. MIA's vision is to grow from a recognized hemispheric hub to a global airport of choice that offers customers a world-class experience and an expanded route network with direct passenger and cargo access to all world regions.

To further this vision, MDAD desires to implement an ASMS to assist with the planning and allocation of airport resources by properly maintaining and controlling airport operations. These operations include the means by which aircrafts land, how they off-load passengers and cargo, prepare for the next flight, load passengers and cargo, and take off towards a new destination.

MDAD seeks to procure the Aerobahn Surface Management system (ASDX) and expand its use to the entire airport. MDAD does not currently have a surface management system providing coverage of aircraft movement throughout the airfield and alleys. Until recently, MDAD was provided a feed from American Airlines to their ASDX data. American Airlines recently procured the Aerobahn Surface Management system and is no longer supporting the ASDX direct data feed. The airport was provided access to this system as part of a pilot project between MDAD, American Airlines and the Federal Aviation Administration (FAA). However, the airport still does not have complete coverage until it can procure the system.

Staff conducted Market Research to determine the availability of firms offering Airport Surface Management Systems or solutions that would perform the same functions and tasks described in the Scope of Work. The following firms were identified as having the ability to provide an ASMS: Saab, Airbus, Lockheed Martin, Passur Aerospace and NASA AMES Research.

Staff determined that competition for this service was not practical at this time because American Airlines and the FAA were already using the system at Miami International Airport; and it was important that MIA, FAA and all major carriers be able to communicate efficiently.

Saab's Aerobahn is a clear industry leader in this technology space as evident in it being the most widely deployed airport operations management system. It is currently in use at 26 airports world-wide, including 3 of the top 5 busiest airports in the U.S. The Aeroban Solution is a modular system that includes the ability to integrate and present airport surveillance data and flight details graphically to give airport planners and decision-makers the edge in situational awareness.

BCC Meeting: July 24, 2018
Research Notes

Saab will provide implementation, training, data storage, on-going maintenance, and customer service and support of its Aerobahn Service along with an airport-wide Multi-lateration Tracking System. Implementation services will include the installation and configuration of all software, system, sub-system and ancillary equipment necessary to provide the services that meet the design, functional and operations specifications as identified by Miami-Dade Aviation Department.

A review of the County's SBE list of certified vendors conducted on July 20, 2018, under the commodity code 20560 – Software, Communications Control, resulted in one SBE vendor: Network & Communication Services, Inc.

ADDITIONAL INFORMATION

Miami International Airport (MIA), located on 3,230 acres of land near downtown Miami, is operated by the Miami-Dade Aviation Department and is the property of Miami-Dade County government. Founded in 1928, MIA now offers more flights to Latin America and the Caribbean than any other U.S. airport, is America's second-busiest airport for international passengers, boasts a line-up of over 100 air carriers and is the top U.S. airport for international freight. MIA is also a leading economic engine for Miami-Dade County and the State of Florida, generating business revenue of \$33.7 billion annually and welcoming 70 percent of all international visitors to Florida.

http://www.miami-airport.com/about_us.asp

According to the Florida Department of State Division of Corporations website (Sunbiz.org), Saab Sensis Corporation, has an active status as a Foreign Profit Corporation and first filed and registered on June 4, 2010. The principal address is registered as 85 Collamer Crossings, East Syracuse, NY 13057. Its registered agent is Corporate Creations Network, Inc., 11380 Prosperity Farms Road, #221E, Palm Beach Gardens, FL 33410.

<http://search.sunbiz.org/Inquiry/CorporationSearch/ByName>