

# Memorandum



**Date:** September 18, 2020

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

**From:** Sylvia Novela, Strategic Procurement Director  
Miami-Dade Aviation Department  
Contracts Administration Division

A handwritten signature in blue ink, appearing to read "S. Novela", is written over the "From:" field.

**Subject:** Photogrammetric Mapping, Topographic, Planimetric and Light Detection  
and Ranging (LiDAR) Services  
ISD Project No. E20-MDAD-03

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It is requested that the referenced project be reviewed for contract measures in order to proceed with the advertisement and subsequent consultant selection.

**Project:** Photogrammetric Mapping, Topographic, Planimetric and Light Detection  
and Ranging (LiDAR) Services

**ISD Project No.:** E20-MDAD-03

## **Project**

**Description:** The scope of work provides for professional services to be performed for the ongoing need of photogrammetric, topographic, planimetric mapping and Light Detection and Ranging (LiDAR), Building Information Modeling (BIM) and 3D printing, Geographical Information System (GIS) services, Subsurface Utility Engineering (SUE) services, as well as terrestrial mobile and static LiDAR services for the Miami-Dade Aviation Department ("MDAD") of Miami International Airport ("MIA") and the four (4) County owned auxiliary airports which include Miami Executive Airport ("TMB"), Miami-Opa Locka Executive Airport ("OPF"), Miami Homestead General Aviation Airport ("X51"), and Dade-Collier Training and Transition Airport ("TNT"). The GIS coverage area includes MIA, all General Aviation Airports, as well as all the currently and future owned MDAD properties and Facilities.

These services may include, but may not be limited to, aerial photography, ground control, topographic mapping, planimetric mapping, airspace mapping, cross sections, raster imagery, orthophoto products, photographic prints, global positioning system (GPS) survey data, and topographic LiDAR services. Specialty services will include building interior static scanning and BIM, as well as SUE locations and construction layout. All

data provided to MDAD must be compliant with the current Federal Aviation Administration (“FAA”) guidelines and be compatible with MDAD’s GIS database.

**Term of the Agreement:**

Five (5) years, plus one one-year option to renew

**Contract Estimated Amount:**

\$7,525,000 (Base Estimate not including Contingency or IG fees)

**Funding Source:**

Operating funds

**Technical Certification Category**

**Prime:**

15.01 Surveying and Mapping – Land Surveying (23%)  
15.02 Surveying and Mapping – Aerial Photogrammetry (75%)

**Sub-consultants:**

15.03 Surveying and Mapping – Underground Utility Location (2%)

**Project Preferred Experience:**

None

**Recommended SBE A/E and G/S**

**Measures:**

SBE A/E goal- 2%; SBE G/S goal – 1% - Commodity Code 96600 – Printing & Typesetting Services

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

Your assistance with this matter is appreciated.

- c: Laurie Johnson, ISD/SBD
- Ralph Cutie, MDAD
- Barbara S. Jimenez, MDAD
- Marie Clark-Vincent, MDAD