

**Greater Orlando Aviation Authority  
Addendum No. 5  
Job Order Construction Services  
(Page 1 of 2)**

**THIS ADDENDUM**, made and entered into this 11 day of November, 2022, by and between the **GREATER ORLANDO AVIATION AUTHORITY**, (“Owner”) and **ARCHIS, INC. d/b/a ARCHIS TECHNOLOGIES**, (“Contractor”).

**WITNESSETH**

**WHEREAS**, on **August 21, 2019**, Owner and Contractor entered into a contract to provide continuing low voltage construction services at the Orlando International Airport, Orlando Executive Airport and other facilities operated by the Owner (the “Base Agreement”); and

**WHEREAS**, the Owner wishes to have the Contractor perform certain services relating to **Project No. L-00076** for project named **On-Call Low Voltage Services (FY23-Archis)**, at Orlando International Airport, hereinafter referred to as the “Work” as specified and agreed to below.

**NOW, THEREFORE**, in consideration of the premises and the mutual covenants herein contained, the parties agree as follows:

1. The Contractor shall perform the Work for the **Direct Negotiated** amount of:

**SCHEDULE OF PRICING**

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	AMOUNT
1	Labor and Materials	\$75,000.00	NTE	1	\$75,000.00
		\$			\$
		\$			\$
<b>TOTAL</b>					<b>\$75,000.00</b>

2. The Contractor shall furnish all labor, materials and equipment necessary to perform the Work, as further described herein, which includes all plans, drawings, specifications and other documents as incorporated or referenced herein and made a part of this Addendum with the same effect as if they had been set forth fully in the body of this Addendum. The Work shall be performed in accordance with the terms of the Base Agreement unless modified by these Contract Documents.

3. The Contractor shall not begin the Work required under this Addendum until the Notice to Proceed date.

4. The Contractor shall perform the Work in accordance with all applicable federal, state and local laws, regulations, rules and ordinances now in effect or hereafter amended.

5. The Contractor agrees to enter into a formal agreement with the proposed MWBE/LDB sub-contractors.

6. **PUBLIC ENTITY CRIMES ACT:** The Contractor represents that it is not precluded from submitting a bid or proposal under Section 287.133(2)(a), which provides as follows: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount set forth in Florida Statutes s.287.017, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

7. **DISCRIMINATORY VENDOR LIST:** The Contractor represents that it is not precluded from submitting a bid or proposal under Section 287.134, which provides as follows: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity unless that entity or affiliate has been removed from the list pursuant to Florida law.

8. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) QUALIFICATION (if applicable): The Contractor represents that neither it nor its affiliates have had their Certificate of Qualification suspended, revoked or denied by the FDOT, or determined by the FDOT to be a non-responsible contractor.

9. LOBBYING PROHIBITION: In accordance with Florida Statutes Section 216.347, no funds received pursuant to this contract may be expended for lobbying the Florida Legislature, judicial branch or any state agency.

PAYMENT & PERFORMANCE BONDS:  Required  Waived

WORK INCLUDES:  Construction Only  Design and Construction

**SCHEDULE OF ATTACHMENTS**

ATTACHMENT NO.	DESCRIPTION	DOCUMENT DATE & # OF PAGES
1	Section 00 11 00, Summary of the Work	09/22, 5 pages
2	Contractor's Proposal	10/5/22, 1 page
3	Current Division 0/Division 1/Specification List	10/20, 1 page

**CONTRACT TIME:**

- Substantial Completion 340 Calendar Days from Notice to Proceed Date
- Final Completion 30 Calendar Days from Actual Substantial Completion Date

**LIQUIDATED DAMAGES:**

- Late Substantial Completion \$ 0.00 Per Calendar Day
- Late Final Completion \$ 0.00 Per Calendar Day

**Archis, Inc. d/b/a Archis Technologies**

By: 

Lildharry Jiawan, President

Name & Title

Construction Committee Approval Date: October 25, 2022

Notice to Proceed Date: October 26, 2022

**Greater Orlando Aviation Authority**

By: 

Kevin J. Thibault, P.E.  
 Chief Executive Officer

Approved as to Form and Legality  
 (for the benefit of GOAA only)

this \_\_\_ day of \_\_\_\_\_, 20\_\_

By:  Karen Ryan  
Digitally signed by Karen Ryan  
 DN: cn = Karen Ryan  
 Date: 2022.11.08 07:56:21 -0500  
 NELSON MULLINS BROAD AND  
 CASSEL, Legal Counsel  
 Greater Orlando Aviation Authority



Orlando International Airport  
One Jeff Fuqua Boulevard  
Orlando, Florida, 32827-4392  
(407) 825-2001

## Memorandum

**To:** Members of the Construction Committee

**From:** Peter Pelletier, Director, Information Technology *(Prepared for by Ian Brooks)*

**Date:** October 25, 2022

**Re:** Request for Approval of a Job Order Construction Services Addendum to the Continuing Low Voltage Construction Services Agreement with Archis Inc. d/b/a Archis Technologies, Project L-00076-MCO, On-Call Low Voltage Services (FY23-ARCHIS) at the Orlando International Airport

The scope of this project is to provide low voltage cabling installation and repair services for all Authority facilities located at Orlando International Airport on an on-call basis. The duration of the project is 340 calendar days for Substantial Completion and 30 calendar days for Final Completion with a planned Notice to Proceed (NTP) date of October 26, 2022. Liquidated damages are defined as \$0 per calendar day for late Substantial Completion and \$0 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (all that apply):

- Experience
- Available Personnel
- Current Workload
- Expertise
- Equitable Distribution
- Other: \_\_\_\_\_

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Operations and Maintenance Funds 301.521.170.5340007.000.000000 . Funding source verified by Andrea Harper of Construction Finance on 10/19/22 as correct and available.

It is respectfully requested that the Construction Committee approve of a Job Order Construction Services Addendum to the Continuing Low Voltage Construction Services Agreement with above-referenced continuing contractor in the direct-negotiated **Not-to-Exceed (NTE)** amount of **\$75,000,00** and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be (select  one):

- NTE – Unit Price
- NTE – Actual Cost (Time & Material)  
*Payment Method: Supporting documentation (similar to Force Account work) is required to be attached to each Pay Application, which includes invoicing for labor, material, equipment, and subcontract work.*

NTE – On-Call - Unit Prices

*Payment Method: Supporting documentation is required to be attached to each Pay Application, which includes the work ticket/order for the services.*

NTE – On-Call - Actual Cost (Time & Material)

*Payment Method: Supporting documentation (similar to Force Account work) is required to be attached to each Pay Application, which includes invoicing for labor, material, equipment, and subcontract work, as well as the work ticket/order for the services.*

Not to Exceed Fees	\$75,000.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
<b>TOTAL</b>	<b>\$75,000.00</b>
AAC – Compliance Review Date	ZTA 10/18/22
AAC – Funding Eligibility Date	10/18/22

Req.92619

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Conditions/Provisions of Contract, including Contractual Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

- A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

**L-00076, CONTINUING LOW VOLTAGE CONSTRUCTION SERVICES**  
**On-Call Low Voltage Services (FY23 – ARCHIS)**  
Orlando International Airport  
Orlando, Florida

can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of:

Installing conduit and copper / fiber communications cabling that includes (but not limited to) Category 5E/6/6A, single-mode fiber, multi-mode fiber (very limited MM fiber), coax, and multi-conductor wiring. All cabling is installed terminated and tested as part of OIA's Premise Distribution (PDS) or as directed. Some installation activities are highlighted below.

On-demand testing PDS jacks, patch panels, all components in OIA's PDS installation, replacing / repairing as needed.

Installing intra-building fiber and copper cables. Fiber sizes from 6 to 288 strands, or as directed.

Provide and install all manner of racks, cabinets, ladder rack, typical comm room components, and install OFCI (Owner Furnished Contractor Installed) cabinets and racks when directed.

Perform fiber fusion splicing, installing fiber connectors of all types; ST, SC, LC, etc., install LIUs, and all manner of fiber distribution network components.

Installing Outside Plant (OSP) fiber and copper cables, creating first service entry cross connect fields, provide and install TVSS.

Perform all cable services necessary for a fiber and copper infrastructure, for wired and wireless networks.

Install electric power outlets typically 120vac, but not limited to 120vac. \*All installations by licensed and Aviation Authority's approved electric contractor.

Install conduit for intra- and inter-building communication cabling. All building communication cables are required to be in metallic (EMT typical) conduit. Install rigid conduit or buried PVC where required.

Perform OSP directional bores, trenching, cable locating, all manner of OSP work.

Provide and install OSP pedestals and terminals for campus distribution.

Creating fiber optic channels spanning End One – End Two locations creating connections needed to for Ethernet based switches and network devices (or any devices requiring such a fiber channel). Fiber channels are required to be tested with OTDR and all related documentation completed by Technicians. OTDRs are required for all fiber tests and installations.

NOTE: All communication cabling follows TIA/EIA Commercial Building standards and BICSI standards as referenced in Aviation Authority's Master Design Guidelines.

### 1.3 CONTRACTOR USE OF PREMISES

- A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.
  - 1. Minimize any disruption to all operating areas, including parking areas.
    - a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
    - b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:
      - 1) Form #018 System Interruption/Utility Outage Notification.
      - 2) Form #018a System Interruption/Utility Outage Notification Procedured.
      - 3) Form #018b Roofing Impact Notification
      - 4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.
  - a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
  - b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.
3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.
  - a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.
  - a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
  - b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:
    - 1) Schedule and coordinate all deliveries and removal of debris with the Owner, or between the hours of 10:00 PM and 6:00 AM each day of the work week.
6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

- a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost \$60 per card per month, taxes not included.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

#### 1.4 OWNER OCCUPANCY

- A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.
  1. All work may be carried out without time restrictions unless otherwise directed by the Owner, or time restrictions due to Airport Operations within work areas (such as Customs, FIS, scheduled flights, other). It is the responsibility of the Contractor to be aware of time restrictions.
  2. Unless otherwise directed by the Owner or dictated by specific Airport Operations area restrictions (see above 1.4.A.1), work shall be scheduled between the hours of 7:00 AM until 6:00 PM each day.
  3. Access into Comm Rooms and Work Areas; it is the responsibility of the Contractor to coordinate physical access prior to work start into; Technology Rooms / Communication Rooms, Work Areas, and ancillary work areas necessary for tasks to be accomplished.

#### 1.5 LAWS, PERMITS, AND REGULATIONS

- A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.
- B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.
- C. Abide by FAA and Owner's safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.
- D. Comply with Owner's insurance requirements.

#### PART 2 - PRODUCTS (Not Applicable)



PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

ARCHIS INC.

LABOR	Hourly Rate	OT Hourly Rate
Apprentice Electrician	\$28.41	\$40.00
Cable Installer	\$50.27	\$70.00
Electrician	\$51.36	\$72.00
Foreman	\$60.10	\$83.00
Helper - Laborer	\$28.41	\$40.00
Journeyman Electrician	\$65.56	\$90.00
Lead Technician	\$80.00	\$120.00
Maintenance	\$46.99	\$65.00
Master Electrician	\$81.95	\$112.00
Project Manager	\$80.00	\$120.00
Telecom Technician	\$50.27	\$70.00
Other:		
Other:		
Other:		
Other:		
	<b>RATE</b>	
	<b>%</b>	
<b>Materials Mark-up</b>	15%	
	<b>RATE</b>	
	<b>%</b>	
<b>Subcontractor Mark-up</b>	15%	



L Jiawan  
 President  
 Archis Inc.



**GREATER ORLANDO AVIATION AUTHORITY**

Orlando International Airport  
5850-B Cargo Road  
Orlando, Florida 32827-4399

**MEMORANDUM**

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: October 25, 2022

Re: Request for Approval of a Job Order Construction Services Addendum to the Continuing Low Voltage Construction Services Agreement with Archis Inc. d/b/a Archis Technologies, Project L-00076-MCO, On-Call Low Voltage Services (FY23-ARCHIS) at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the on-call nature of the services to be provided, Archis Inc. d/b/a Archis Technologies does not propose small business participation on this Job Order Construction Services Addendum at this time.

Our analysis indicates that Archis Inc. d/b/a Archis Technologies is eligible for award of the subject Job Order Construction Services Addendum.

**CURRENT DIVISION 0, DIVISION 1 AND SPECIFICATIONS  
FOR JOB ORDERS  
(Continuing Low Voltage Construction Contracts)**

Unless the specific award provides otherwise, the Continuing Electrical Contractor shall perform all work awarded through an addendum in accordance with the following Contract Documents (or latest revision):

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>EDITION</u>
00 72 13	General Conditions of the Contract for Construction	03/2022
00 73 00	Supplementary Conditions of the Contract for Construction	03/2022
00 73 19.13	Hazardous Materials	03/2022
00 73 93	Special Conditions Regarding Construction at Airport Facilities	03/2022
00 73 93.01	Security and Badging at Airports	03/2022
01 21 00	Allowances	07/2019
01 23 00	Alternates	07/2019
01 25 00	Substitution Procedures	07/2019
01 29 73	Schedule of Values	07/2019
01 31 13	Project Coordination	07/2019
01 31 14.13	System Interruptions - UON Procedures	07/2019
01 31 19	Project Meetings	07/2019
01 32 13	Scheduling of Work	07/2019
01 32 33	Photographic Documentation	07/2019
01 33 23	Shop Drawings, Product Data and Samples	07/2019
01 42 00	References	07/2019
01 45 00	Quality Control	07/2019
01 50 00	Temporary Facilities and Controls	07/2019
01 55 31	Requirement for Use of South Canal Road	07/2019
01 60 00	Product Requirements	07/2019
01 71 23	Field Engineering	07/2019
01 73 29	Cutting and Patching	07/2019
01 74 23	Final Cleaning	07/2019
01 78 00	Closeout Submittals	07/2019
Div. 4	Masonry	12/2014
Div. 9	Finishes	03/2016
Div. 10	Specialties	08/2017
Div. 11	Equipment	12/2014
Div. 13	Special Construction	12/2014
Div. 14	Conveying Systems	07/2016
Div. 21	Fire Suppression	12/2015
Div. 22	Plumbing	06/2019
Div. 23	Heating, Ventilating and Air Conditioning (HVAC)	04/2017
Div. 26	Electrical	10/2018
Div. 27	Communications	06/2019
Div. 28	Electronic Safety and Security	07/2017